Laurel
ENVIRONMENTAL
ASSOCIATES, LTD.

FINAL
INTERIM REMEDIAL MEASURES
WORK PLAN

FASHION CLEANERS
641 EAST PARK AVENUE
LONG BEACH, NEW YORK 11561

PREPARED FOR:

LAW OFFICES OF THEODORE W. FIRETOG
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FARMINGDALE, NEW YORK 11735
ON BEHALF OF ITS CLIENT; LIDO REALTY COMPANY

SUBMITTED TO:

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October 25, 2010
NYSDEC Site Code # 130170
Order of Consent # A1-0589-0507
***LEA* Project # 08-408**

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Report: Final Interim Remedial Measures Work Plan

Report Date: October 25, 2010

Subject Site: Fashion Cleaners, 641 East Park Avenue, Long Beach, New York 11561
Located on the north side of East Park Avenue, east of Neptune Boulevard and west of Roosevelt Boulevard

Respondent: Lido Realty Company

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10/25/10
Date

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ACRONYMS

ARARs	Applicable or Relevant and Appropriate Requirements
AS	Air Sparge
bgs	below ground surface
CAMP	Community Air Monitoring Program
C&D	Construction and Demolition (debris)
CEC	Cation Exchange Capability
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFM	cubic feet per minute
COC	Contaminate of Concern
COD	Chemical Oxygen Demand
CPC	Chemical of Potential Concern
DNAPL	Dense non-aqueous phase liquid
DO	Dissolved Oxygen
DOT	Department of Transportation
EISB	Enhanced *In-situ* Bioremediation
EPA	Environmental Protection Agency
FWIA	Fish and Wildlife Impact Analysis
HASP	Health and Safety Plan
HP	Horsepower
HRA	Health Risk Assessment
HRC	Hydrogen Release Compound
GAC	Granulated Active Carbon
IHWS	Inactive Hazardous Waste Site
IIWA	Immediate Investigation Work Assignment
ISCO	In-Situ Chemical Oxidation
LBWD	Long Beach Water District
LEA	Laurel Environmental Associates Ltd
LDR	Land Disposal Restrictions
MNA	Monitored Natural Attenuation
MW	Monitoring Well
NCDH	Nassau County Department of Health
NCP	National Contingency Plan
NPL	National Priority List
NYSDOH	New York State Department of Health
NYSDEC	New York State Department of Environmental Conservation
O&M	Operation and Maintenance
OSHA	Occupational Safety and Health Administration
PAHs	Polycyclic Aromatic Hydrocarbons
PCE	Perchloroethene (same as Tetrachloroethene or PERC)
PID	Photoionization detector
POTW	Publicly-Owned Treatment Works
ppb	parts per billion (µg/kg)
ppm	parts per million (mg/kg)
PRAP	Proposed Remedial Action Plan
RAGS	Risk Assessment Guidance for Superfund
RAP	Remedial Action Plan
RAO	Remedial Action Objective
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
ROI	Radius of Influence
RSCO	Recommended Soil Cleanup Objective (as per TAGM)
SARA	Superfund Amendments and Reauthorization Act
SCGs	Standards, Criteria, and Guidance Values
SSVMP	Stainless Steel Vapor Monitoring Points
SCO	Soil Cleanup Objective
SCG	Standards, Criteria and Guidance
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
SVOC	Semi Volatile Organic Compound
TAGM	Technical and Administrative Guidance Memorandum
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TMV	Toxicity, Mobility, or Volume
TOC	Total Organic Compounds
USEPA	United States Environmental Protection Agency
UTS	Universal Treatment Standards
VOC	Volatile Organic Compound
w.c.	Water Column

1.0 INTRODUCTION

The Interim Remedial Measures (IRMs) proposed for this site is a discrete set of planned actions that will be conducted prior to investigation and evaluation of a Remedial Investigation/Feasibility Study (RI/FS). The IRMs are designed so that it can be a permanent part of the final remedy. The IRMs are extremely adaptable and cover a variety of activities, large and small, to remediate an array of diverse, well-defined problems at the site.

The IRMs discussed herein are designed to minimize the potential for public and environmental exposure to Site-related contamination. They are also intended to yield immediate reduction of contaminant levels.

2.0 BACKGROUND INFORMATION

2.1 SITE HISTORY, BUILDING LAYOUT, AND PHYSIOGRAPHIC SETTING

Laurel Environmental Associates, Ltd. (***LEA***) was retained by Lido Realty Company to prepare an Interim Remedial Measure (IRM) Work Plan for the property located at 641 East Park Avenue, Long Beach, New York, hereafter referred to as the "Fashion Cleaners Site" or "the Site". The Site is designated on the Nassau County Tax Map as Section 59, Block 229, Lot 21. The physical location of the Site is at Latitude 40° 35' 20" North and Longitude 73° 38' 42" West.

The scope of work is based upon the findings of a "Draft Phase I Remedial Investigation/Interim Remedial Measures Report" prepared by ***LEA***, dated July 23, 2009 and a "Supplemental Phase I Remedial Investigation Report" (RI) that is currently under production.

According to work performed by ***LEA*** and ETL, the Site (approximately 1,000 square feet in area) is located in a retail shopping center building located in a mixed residential and commercial area of Long Beach, New York. The building, which includes additional commercial units to the east, is of slab on-grade construction and does not contain a basement. There are residential properties adjoining the north boundary of the Site. The adjoining building to the west (occupied by Kings Pharmacy) maintains a full basement and some residential properties to the north contain partial basements. According to information obtained from the City of Long Beach through a Freedom of Information Act (FOIA) file review and from Sanborn Fire Insurance Maps (Sanborn Maps) and historical aerial photographs obtained through Environmental Data Resources, Inc. (EDR) of Milford, Connecticut, the shopping center building appears to have been constructed in 1951 and a dry cleaner appears to have operated at the Site since at least 1966. The Site is currently owned by Lido Realty Company and had been operated as Fashion Cleaners for over ten (10) years by "Oceanside Sands Cleanery". The tenant vacated the space in April of 2010. Previously, the tenant space consisted of a reception area, a dry cleaning equipment room, a steam press and work area, a boiler room, and a small exterior rear yard area. Over a two week span in July and August of this year, the dry cleaning machinery, solvents, housing, presses and related equipment which were left at the site by Fashion Cleaners were removed at by Lido Realty Company. All materials were removed and disposed of at approved facilities. The work is discussed in greater detail in the

Supplemental Phase I RI. The tenant had actively conducted dry cleaning on-site and utilized Tetrachloroethene (PCE) as the primary dry cleaning solvent. Please refer to Figure 1.0, Site Location.

The Site interior is currently unheated and unoccupied. Steam equipment had been powered by an oil-fired system located in the rear boiler room. Oil is stored in a 275-gallon aboveground storage tank off the north wall of the rear boiler room. Only the tank remains in place, but this will be removed during the IRM.

The Site is situated on a barrier island at an elevation of approximately one foot above mean sea level in the City of Long Beach in southwestern Nassau County, Long Island. The City extends the north-south extent of the barrier island (roughly ¾ of a mile) over approximately a three and-a-half mile long stretch. Regional topography is relatively flat, with an elevation ranging between zero and three feet above mean sea level. Surface run-off of storm water at the Site is controlled by gently sloping pavement towards East Park Avenue to the south (front) and natural drainage to the north (rear).

According to Franke (1972), regionally, the near-surface sediments consist of the Upper Glacial deposits that are characterized by deposits of sand, gravel and silt. In the area, the Upper Glacial deposits have a maximum thickness of 100 feet. They are underlain by the Magothy, Raritan and Lloyd Formations. The Gardeners clay and the Jameco gravel separate the Upper Glacial deposits and the Magothy Formation in the area. Due to less surficial contamination, saltwater intrusion and higher well yields, the Lloyd aquifer is the main supply for potable water in the City of Long Beach.

LEA conducted a continuous soil boring down-gradient to the Site, aimed at determining local. The most consistent clay layer was found between 36 and 40 feet below grade and was comprised of compacted silty, organic clay and shells. This layer may act as a confining layer, inhibiting the mobility of Site-related contaminants beyond its upper limit. The boring was extended to 90 feet below grade over two events and was terminated due to the ability of the sampling machine. No indication of the Gardiners Clay, a thick clay deposit that separates the Upper Glacial and Magothy aquifers, was found in the boring. However, the Gardiners clay can reside as deep as 100 feet below grade. Please refer to Appendix G for a detailed soil boring log.

All local potable water supplies rely on the underlying groundwater, which is supplied by the City of Long Beach Water Department (LBWD). Water is drawn from the Lloyd Aquifer at seven wells drilled to approximately 1,300 feet and located throughout the community. The closest supply well to the Fashion Cleaners Site is located on Pacific Avenue, north of East Park Avenue, approximately 1,000 feet to the east and hydraulically side-gradient of the Site. There is an additional well located another 1,000 feet to the east and hydraulically side-gradient. Water from the wells is monitored by the LBWD and according to water quality reports issued by the LBWD, dry cleaning solvents, Tetrachloroethene (PCE) and Trichloroethene (TCE), have not been detected within the groundwater at the above-mentioned well sites. Please refer to Figure 4.0, Public Water Supply Well Locations. There are no existing public supply wells at or in the immediate vicinity of the subject property, nor is groundwater used for any purpose at the Site.

2.2 SUMMARY OF REMEDIAL INVESTIGATIONS FINDINGS

2.2.1 Soil Vadose Zone

2.2.1.1 Phase I RI Findings

As per the "Draft Phase I Remedial Investigation/Interim Remedial Measures Report" prepared by ***LEA***, dated July 23, 2009:

Field observations and laboratory analysis of soil samples have demonstrated that the soil vadose zone is a major source of groundwater contamination at the Site.

During the week of January 12th, 2009, ***LEA*** conducted soil sampling from nine (9) locations throughout interior and exterior areas of the Site. In addition, soil sampling was conducted at four (4) off-site locations.

Field screening and laboratory analysis of the samples has shown that the most significant PCE contamination exists in two separate areas;

1. Inside the building, immediately north of the dry cleaning machinery room, between 11 and 13 feet below grade [1,800,000 micrograms per cubic meter (µg/kg); equivalent to parts per billion (ppb); and
2. In the rear courtyard; specifically in superficial soils in the area of the re-routed steam boiler blow-down pipe (3,200,000 ppb). The presence of exposed PCE contaminated soils in this area presents an immediate health risk to site occupants. This area is not generally frequented by the public, but the possibility for exposure exists.

Four (4) of the remaining ten (10) on-site sample locations contained elevated levels of PCE at varying depths above the NYSDEC Part 375-6.8(b) Protection of Groundwater Soil Cleanup Objective of 1,300 ppb. None of the off-site soil samples were found to contain elevated levels of PCE. Please refer to Figure 5.1 for a synopsis of the aforementioned soil sampling results.

2.2.1.2 Preliminary Supplemental Phase I RI Findings

As per the preliminary findings of the Supplemental Phase I Remedial Investigation:

Field observations and laboratory analysis of dry interior vadose zone soil samples have demonstrated that the majority of contamination beneath the building is present in groundwater-saturated soils, beginning at approximately 4.5 feet below the slab.

On July 22, 2010, ***LEA*** conducted soil sampling from nine (9) previously inaccessible interior areas in the southern half of the Site.

Laboratory analysis of the samples found that no elevated concentrations of PCE or related compounds are present in vadose zone soils above the water table, aside from one sample location (SB-27), in the extreme southeast corner of the building.

PCE and related compound concentrations ranged from non-detect to minor in the remaining samples. Please refer to Figure 5.0 for a synopsis of recent soil sampling results.

2.2.2 Groundwater

2.2.2.1 Phase I RI Findings

During the week of January 12th, 2009, ***LEA*** conducted the installation of 1 and 2-inch PVC monitoring wells throughout the Site and in the vicinity. Please refer to Figure 6.0 for monitoring well locations.

Monitoring wells designated MW-01 through MW-07 were sampled by ***LEA*** on January 29 and February 4, 2009, in accordance with the approved RI Work Plan. Laboratory analysis of the samples verified that on-site groundwater has been impacted with PCE and its breakdown 'daughter' components at concentrations above the NYSDEC Ambient Water Quality SCG of 5 ppb. Elevated levels of PCE were detected in each on-site monitoring well. The highest concentrations were detected in the rear courtyard (16,000 ppb in MW-01 at 20 to 25 feet and 17,000 ppb in MW-03 at 3 to 13 feet) and in the building interior (7,700 ppb in MW-02 at 20 to 25 ft). Of note, the well known as MW-03 was installed along the northern boundary of the Site that adjoins residential properties.

No PCE was detected in the front walkway monitoring well MW-05 and relatively low levels (19 ppb) were detected in the nearby well MW-06. Similar levels of PCE (14 ppb) were found in the front walkway well MW-07, located further east; however elevated levels of the breakdown components cis-DCE (13,000 ppb) and Vinyl Chloride (2,500 ppb) were detected in the well, possibly indicating an off-site contributor to contamination. Please refer to Figure 7.0 for the aforementioned groundwater sampling results.

2.2.2.1 Preliminary Supplemental Phase I RI Findings

On July 23 and 26, 2010, ***LEA*** conducted a groundwater profile boring adjacent to the former dry cleaning machinery room. Representative samples were collected in the vertical dimension from the following intervals; 30-34, 40-44, 50-54, 60-64, 70-74 and 80-84 feet below grade.

Laboratory analysis of the samples indicate that elevated concentrations of PCE and related compounds are present in at least the first 80 feet of the water column beneath the Site building. PCE concentrations ranged from 1,100 ppb to 14,100 ppb in the sampled intervals. Please refer to Figure 7.0 for a synopsis of groundwater profiling results.

2.2.3 Soil Vapor Intrusion Investigation

On January 29, 2009, ***LEA*** conducted sub-slab soil vapor, indoor air and/or outdoor ambient air samples at the Site, adjoining commercial spaces and three (3) nearby residential properties north of the Site. Additionally, indoor ambient air and sub-slab soil vapor samples were collected from a previously inaccessible residential property to the north on March 27, 2009.

Samples were collected using 6 Liter summa canisters fitted with 0.25 L/hour flow controllers, to collect samples over a 24-hour period. All samples were collected and analyzed in accordance with the approved SVI Investigation Work Plan.

Laboratory analysis of the indoor air samples found elevated levels of PCE and/or TCE in the following (indoor air samples were not collected within the Site building):

1. Kings Pharmacy (adjoining to the west) at 56.62 micrograms per cubic meter ($\mu g/m^3$) of PCE and 4.35 $\mu g /m^3$ of TCE
2. Lido Kosher Deli (adjoining to the east) at 349.91 $\mu g/m^3$ of PCE and 56.16 $\mu g /m^3$ of TCE
3. 646 East Chester Street at 8.54 $\mu g/m^3$ of PCE, TCE not detected
4. 650 East Chester Street at 26.51 $\mu g/m^3$ of PCE and 0.27 $\mu g/m^3$ of TCE

Elevated levels of PCE and/or TCE were detected in sub-slab samples from:

1. The Site (building interior, north of dry cleaning machinery room) at 2,858.27 $\mu g/m^3$ of PCE and 1,510.16 $\mu g/m^3$ of TCE
2. The Site (building interior, northwest corner) at 1,403.71 $\mu g/m^3$ of PCE and 769.59 $\mu g/m^3$ of TCE

No elevated levels of TCE (>5 $\mu g/m^3$) were detected in sub-slab samples from the adjoining businesses or nearby residential buildings. However, low level TCE concentrations were detected in sub-slab samples from Kings Pharmacy (4.57 $\mu g/m^3$) and Lido Kosher Deli (4.08 $\mu g/m^3$). Please refer to Figure 8.0 for a synopsis of indoor and sub-slab sampling results.

A comparison of these indoor air PCE and TCE concentrations to NYSDOH Soil Vapor/Indoor Air Matrices indicates that mitigation of soil vapor is warranted at the Site and Kings Pharmacy. The matrices indicate the remaining properties either require no further action or should take "reasonable and practical action to identify source(s) and reduce exposures".

LEA has issued a detailed Soil Vapor Intrusion (SVI) Investigation report discussing the investigation findings and recommendations on July 23, 2009.

Interim measures to reduce infiltration of PCE and TCE vapors into Kings Pharmacy and Lido Kosher Deli were completed on July 1, 2009. These measures included sealing void spaces around duct work and building joints/joists and replacing/repairing missing or damaged drywall panels in order to prevent sharing of indoor air between Fashion Cleaners and the adjoining businesses. To determine the effectiveness of the interim measures, indoor air was re-tested at the adjoining businesses for a 24-hour

period on July 21, 2009. Laboratory analysis of the samples found PCE and TCE concentrations had increased from the prior sampling event.

PCE and TCE concentrations were found as follows:

1. Kings Pharmacy at 598 µg/m^3 of PCE and 18.6 µg /m^3 of TCE
2. Lido Kosher Deli at 511 µg/m^3 of PCE and 120 µg /m^3 of TCE

An inspection exhaust and intake systems on the roofs at Fashion Cleaners, Kings Pharmacy and Lido Kosher Deli conducted on October 2, 2009 revealed the following:

1. Significant odors (19.2 ppm measured with PID with 10.6 eV bulb) emanating from the 14" air duct over the dry cleaning equipment room in Fashion Cleaners. Duct extends approximately 16" above roof and directed down to keep water out.
2. Significant odors (0.1 ppm measured with PID with 10.6 eV bulb) emanating from the 2.5" steam discharge pipe connected to the press systems in Fashion Cleaners. Pipe extends approximately 24" above the roof.
3. Package HVAC systems over Lido Kosher Deli, with fresh air intake over kitchen
4. HVAC systems over Kings Pharmacy are at least 30 feet from the exhaust at Fashion Cleaners. One open duct noted within ten feet of the exhaust at Fashion Cleaners.

Odors of dry cleaning solvent was noticeable at the front of the building at roof level, so it is possible that PCE and TCE found in Kings Pharmacy and Lido Kosher Deli may in part be from intake of contamination in outdoor air.

In February, 2010 the dry cleaning machinery was maintained to optimize operation of the system and reduce chemical emissions from dry cleaning. The work was required by the NYSDEC.

To determine the effectiveness of the optimization activities and to determine if a direct correlation exists between dry cleaning activities and indoor air VOC concentrations, two sets of indoor and concurrent outdoor air samples were collected at the adjoining businesses for a 24-hour period. The first set of samples was collected on March 16, 2010 while the dry cleaning machinery was active. The second set was collected on the following day, while dry cleaning activities were inactive. Laboratory analysis of the samples found PCE and TCE concentrations were substantially lower in both sample sets than the previous sampling event, indicating the optimization effectively reduced VOC emissions. In addition, VOC concentrations in indoor air were generally higher when dry cleaning operations were active than when such operations were not being conducted.

PCE and TCE concentrations were found as follows:

Active Dry Cleaning:

1. Kings Pharmacy at 41.3 µg/m^3 of PCE and 7.85 µg /m^3 of TCE
2. Lido Kosher Deli at 75.1 µg/m^3 of PCE and 10.5 µg /m^3 of TCE

No Active Dry Cleaning:

1. Kings Pharmacy at 20.3 µg/m^3 of PCE and 4.08 µg /m^3 of TCE
2. Lido Kosher Deli at 28.2 µg/m^3 of PCE and 4.51 µg /m^3 of TCE

As discussed in Section 2.1: Over a two week span in July and August, interim measure were expanded to include removal of the dry cleaning machinery, solvents, housing, presses and related equipment. All

materials were removed and disposed of at approved facilities. The work is discussed in greater detail in the Supplemental Phase I RI and effectively eliminates active dry cleaning as a contributing factor to indoor PCE and related compound concentrations.

3.0 SITE HYDROGEOLOGY

The most significant user of groundwater in the area is the City of Long Beach Water Department (LBWD). The LBWD operates seven production wells throughout the community, the closest of which is located approximately 1,000 feet to the east of the Site. This well and all of the remaining LBWD supply wells draw upon the Lloyd Aquifer and are set at over 1,100 feet below grade. These wells have no direct connection or influence on flow direction within the upper glacial aquifer present at the Fashion Cleaners Site.

According the LBWD annual report, other than two common chlorine related compounds, no volatile organic compounds have been detected in any of the LBWD wells. The LBWD serves about 35,000 people in the area of Long Beach.

Groundwater recharge into the upper glacial aquifer is restricted within the vicinity of the Fashion Cleaners Site due to the building and pavement, and as recharge takes place elsewhere on the island. Due to the close proximity to a manmade saltwater canal and Garret Channel to the north and the Atlantic Ocean to the south, tidal fluctuations have the most significant affect in groundwater flow direction.

Using data-logging pressure transducers, groundwater elevation data was collected by ***LEA*** every three minutes from February 5th to 25th, 2009, at MW-01 (5'-15'), MW-02 (5'-15'), MW-04 (3'-13'), MW-05 (3'-13') and MW-07 (3'-13'). Atmospheric pressure readings were collected (for compensation and correction purposes) over the same intervals from within the Fashion Cleaners building. The data suggests a somewhat stagnant water table, with minimal movement northwest and southwest during any given day. Monitoring wells along East Park Avenue (MW-05, and MW-07) showed consistent ebb and flow of tidal movement, while the remaining wells (MW-01, MW-02 and MW-04) showed less fluctuations of tidal influence. The data does not suggest that a large-scale reversal in flow direction occurs with tide changes, however, small-scale reversals occur daily.

Hydraulic conductivity testing was completed using a 1.5" by 32.75" slug together with data-logging measuring devices. Time-of-travel hydraulic conductivity (K) calculations suggest K is on the order of 864 f/day ($<1 \times 10^1$ cm/sec). When assuming a saturated aquifer thickness of approximately 100 ft., a relatively high transmissivity of 86,400 ft^2/day is yielded. Depth to groundwater varies from 4 to 7.5ft due to tidal action. There does not appear to be any significant vertical component to the groundwater flow path, as local hydraulic gradient is relatively flat at 0.008 ft/ft in both southwest and northwest flow directions.

Conclusion:

Groundwater flow direction, velocity, hydraulic conductivity, seasonal water table fluctuation, and proximity/impact to sensitive receptor data are well established at the Site. A flat hydraulic gradient that is prone to reversal due to tidal action coupled with limited recharge in the area causes the water table to remain fairly stagnant.

4.0 ADDITIONAL INTERIM REMEDIAL MEASURES GOALS AND OBJECTIVES

The Interim Remedial Measures (IRMs) to be conducted at the site since the source of contamination or exposure pathway can be effectively addressed before the completion of the site investigation/remedial alternatives report.

The Interim Remedial Measures for the Fashion Cleaners Site are consistent with the objectives of 6NYCRR Part 375. Based upon the results of the Remedial Investigation (RI), the Interim Remedial Action Objectives (IRAOs) for the Site are:

1. Excavate and remove, to the extent practicable, volatile organic compounds in subject building and rear courtyard vadose zone soils, thereby reducing the potential for further groundwater contamination in the area.
   1A. The site- specific objective for the soil excavation and removal alternative is to excavate the vadose zone soils containing VOCs at concentrations exceeding the Standards, Criteria and Guidance (SCGs) for soils based on 6NYCRR Subpart 375-6-Remedial Program Soil Cleanup Objectives (SCOs). Per NYSDEC recommendations, the protection of groundwater SCOs will be utilized for comparison purposes. Please refer to the following table for VOC contaminants and their corresponding SCGs (in brackets) that have been detected at elevated concentrations above the SCGs.

Soil	Groundwater
*Tetrachloroethene (PCE) - [1,300 ppb]	*Tetrachloroethene (PCE) - [5 ppb]
*Trichloroethene (TCE) - [470 ppb]	*Trichloroethene (TCE) - [5 ppb]
*cis-1,2-Dichloroethene (cis-1,2,DCE) - [250 ppb]	*cis-1,2-Dichloroethene (cis-1,2,DCE) [5 ppb]
	*Trans-1,2-Dichloroethene (trans-1,2 DCE) [5 ppb]
	*Vinyl Chloride – [5 ppb]
	1,1-Dichloroethene (1,1-DCE) - [5 ppb]
	Ethylbenzene [5 ppb]
	Xylenes [5 ppb]
	Isopropylbenzene [5 ppb]

*Site related VOCs that are considered contaminates of concern (COC)

2. Reduce, control, or eliminate to the extent practicable, migration of volatile organic compounds into adjoining and nearby buildings. The NYSDOH recommends that the goal for these indoor air concentrations be the ambient levels found in outdoor air samples, or as close to ambient air levels as possible. The compliance with the substantive requirements for air emission limits as stipulated in Title 6 of the NYCRR and Air Guide-1 must be achieved. The compliance with these aforementioned air emissions criteria will be demonstrated by collecting influent and effluent samples of the carbon treatment system and analyzing for VOCs by current EPA Method.

The proposed IRMs are protective of human health and the environment and comply with applicable or relevant and appropriate standards/criteria, and also comply with appropriate State and/or Federal guidance.

4.1 LIMITATIONS

Since the dry cleaning tenant has vacated the space and all dry cleaning components have been removed, interior excavation is now feasible. However, limitations such as undermining of the building and overhead clearance may hinder the ability to completely excavate all interior vadose zone soils containing SVOCs at concentrations exceeding their SCGs. The same undermining limitations may be encountered during the rear courtyard excavation.

5.0 SCOPE OF WORK

The following section presents a scope of work for remedial technologies that are meant to address the remedial goals presented in Section 4.0.

The following is a summary of interim remedial measures to be completed at the Fashion Cleaners Site:

- Excavation and off-site treatment/disposal of impacted vadose zone soils from three areas; 1) the former dry cleaning machine room; 2) the extreme southeast corner of the building; and; 3) the rear courtyard
- Backfilling with clean, imported fill and concrete paving of each area
- Operation of a proposed Soil Vapor Extraction (SVE) system and continued monitoring of off-gasses from the same

Additional remedial actions may be deemed necessary by the NYSDEC or NYSDOH.

Methodology:

Excavation and off-site treatment/disposal would provide for an immediate reduction of PCE concentrations in vadose zone and shallow groundwater-saturated soils in the identified contamination zones. The excavations would also reduce the potential for further contamination of deeper groundwater and off-site migration of contaminants.

Concrete paving would greatly reduce the risk for direct occupant exposure to residual vadose zone contamination and allow the SVE system to operate effectively.

Operation of a SVE system would, in effect, produce the same benefit as a sub-slab depressurization system (SSDS) and alleviate some of the soil vapor intrusion that appears to be impacting the adjoining businesses. The system would also provide for the year-round removal of residual vadose zone contamination in the rear courtyard and existing vadose zone contamination beneath the Site building and immediate vicinity. Pilot testing of the proposed SVE system indicated the subsurface conditions at the

Site are favorable for operation of such a system. Please refer to Figure 9.4, Pilot Test Radius of Influence Results.

The SVE system will operate until the final RI/FS report is accepted, until a Proposed Remedial Action Plan (PRAP) is issued or until contaminant levels meet SCGs. The temporary or permanent shutdown of the SVE system will require approval of the NYSDEC.

5.1 INTERIOR AND REAR COURTYARD EXCAVATIONS AND OFF-SITE TREATMENT/DISPOSAL

Procedure:

As a matter of protocol, the New York City and Long Island One Call Center will be contacted and a public utility markout will be requested a minimum of three business days prior to commencing work. A confirmatory Geophysical Survey will be conducted in the areas of the proposed excavations to aid in identifying subsurface utilities ahead of time. Extra care will be taken during excavating activities to identify and safely address any discovered private and/or public utilities in the excavations. This would include tracing utilities to the point of origin/terminus, contacting the utility provider, decommissioning of the utility and/or halting excavation in the area of the utility until an alternate plan is formulated and accepted.

Using machine-assisted hand excavation, impacted vadose zone soils in the vicinity of the dry cleaning machinery room, approximately 15 feet by 10 feet in area, will be removed. A smaller excavation, approximately 5 feet by 5 feet in area, will also be conducted in the extreme southeast corner of the building. Soils that are deemed clean by field screening methods will be set aside for reuse as backfill.

Using similar techniques, vadose zone soils will also be removed to the groundwater table in the rear courtyard over approximately a 15 foot by 20 foot area. Please refer to Figure 9.1, Excavation Plan. According to the City of Long Beach Building Department, excavation within the building and rear courtyard does not require a City permit. Excavation activities will be conducted in a manner that will minimize the potential for:

- Undermining of the Site building and adjoining structures
- Damage to existing monitoring wells. Should any wells be damaged during excavation, they will be replaced after the excavation is complete.
- Fugitive dust generation
- Excessive noise generation
- Disturbance to adjoining businesses and nearby residential properties

The 275-gallon fuel oil aboveground storage tank situated in the rear courtyard will be removed or relocated to a nearby on-site area to maximize the area of soil removal.

To avoid disrupting business or exposing employees of neighboring businesses and the general public to low-level contaminants, work moving soil across the sidewalk will be completed during non-business

hours (after 9 PM or before 7 AM). Health and safety monitoring will be conducted throughout the excavation activities in accordance with the established health and safety plan. A qualified field representative will observe the excavation and screen soils as they are exposed using visual observations and photoionization detector (PID) measurements of soil headspace samples. At the conclusion of each workday, the excavations and drum/container staging areas will be fenced off and the site will be secured. All work would be conducted in accordance with the health and safety plan (HASP) and community air monitoring program (CAMP). Please refer to Appendix A and B.

Excavated soils will be placed into sealed and lined roll-off containers.

1. Contaminated soils will be removed and immediately transferred to 15 to 20 cubic yard roll-off containers, or similar, and staged along East Park Avenue. This portion of the work will take place before 7 AM so as not to disturb neighboring businesses. All necessary permits will be procured from the City of Long Beach prior to staging of the containers. Please refer to Figure 9.1, which details the path of impacted soils to the roll-off containers.
2. No more than 48 hours after filling a container, each will be removed from the Site for transport, treatment and disposal at Stablex Canada Inc. of Blainville, Québec, Canada (USEPA ID #NYF006000053) or similar permitted facility under proper manifest procedures. The containers will be transported by Rollex Transport Ltd. of Varennes, Québec, Canada (USEPA ID #NYD980756415) or similar permitted transporter.

Prior to implementation of either off-site treatment/disposal method, approval will be obtained from the NYSDEC. All excavated soils will be managed in accordance with NYSDEC regulations and guidance and the requirements of soil disposal facilities where the soil is to be transported. The NYSDEC may require collection and analysis of additional soil samples prior to disposal of excavated soil off-site. Prior to disposal of excavated soils off-site, approval will be obtained from the NYSDEC.

At the end of each work day, the areas will be secured in accordance with the provisions of the HASP.

5.1.1 Endpoint Sampling and Analysis

Procedure:

Endpoint soil samples will be collected in a grid pattern from the base of each respective excavation once the final extent has been reached. In accordance with NYSDEC protocol, a total of six soil samples will be collected from above the apparent high groundwater table level in the interior excavation. A total of eight soil samples (including the former SB-12 soil boring location) will be collected in a similar fashion from the rear courtyard excavation. Quality Assurance/Quality Control samples will be analyzed as presented in the QA/QC - DUSR plan. These include collection and analysis of field and trip blanks, matrix spike/matrix spike duplicate and blind duplicate samples. Depending on stability of the excavation and access, samples may be collected from the bucket of the machinery performing the excavation or by a direct grab sample with a hand auger or similar. Endpoint samples will be submitted for laboratory analysis at CHEMTECH of Mountainside, New Jersey to test for Target Compound List (TCL) VOCs using USEPA Method 8260. CHEMTECH is a NYSDOH, ELAP, ASP/CLP approved laboratory and will be required to maintain this certification throughout the IRM. Please refer to Figure 9.2, Endpoint

Sampling Plan. Sample collection and analysis will be conducted in accordance with the Sampling and Analysis Plan, included in Appendix C of this report. The NYSDEC may require collection and analysis of additional endpoint samples.

5.1.3 Backfilling and Paving of the Excavation Areas

Upon completion, each excavation will be backfilled by hand with clean, imported bank run. Representative soil samples will be collected in accordance with NYSDEC protocol from imported soils and analyzed prior to placement at the Site. Samples will be submitted for laboratory analysis at CHEMTECH of Mountainside, New Jersey to test for Target Compound List (TCL) VOCs, TCL SVOCs, pesticides, PCBs, TAL metals and cyanide. CHEMTECH is a NYSDOH, ELAP, ASP/CLP approved laboratory and will be required to maintain this certification throughout the IRM. If imported soils are from independent sources, samples will be collected and analyzed from each source as above. Clean soils imported from off-site will be acceptable for use as backfill material provided the all parameters meet the NYSDEC recommended soil cleanup objectives included in table 375-6.8 (b). Sample collection, analysis and frequency will be conducted in accordance with the Sampling and Analysis Plan, included in Appendix C of this report.

The excavations will be compacted and finished with a 4-inch thick 3,000 psi concrete slab. The rear courtyard slab will encompass the area within the Site bounds and no surface soils will be left exposed. Similarly, the interior slab will be cut and patched as necessary to eliminate exposed soils. The existing monitoring wells and manhole covers will be incorporated into the paving to the extent possible. Any monitoring wells that are destroyed during excavation will be replaced prior to paving and incorporated into the same.

All work would be conducted in accordance with manufacturer's recommendations, the HASP and CAMP. Please refer to Appendix A and B.

5.2 SOIL VAPOR EXTRACTION

Background Information:

Soil vapor extraction (SVE) is an *in-situ* soil remediation technology, to be used in the unsaturated (vadose) zone, in which a vacuum would be applied to the soil to induce the controlled flow of air and remove volatile contaminants such as PCE from the soil. The increased air flow through the subsurface can also stimulate biodegradation of the remaining the contaminants, especially those that are less volatile. As gases leave the soil, they are recovered within granular activated carbon (GAC) drums. The radius of influence for the SVE wells was confirmed at 20 feet during the pilot test.

Procedure:

During ***LEA's*** Remedial Investigation activities, 2-inch diameter PVC soil vapor extraction (SVE) wells were installed in preparation to implement the SVE system. One well was installed immediately north of the former dry cleaning machinery room and one well was installed in the rear courtyard, off the

northwest corner of the boiler room. The wells were set to approximately 3 feet below grade with 2 feet of .020" slot screen in the vadose zone. No additional components of an SVE system have been conducted or installed to date. However, a pilot test of the proposed SVE system was conducted in March 2010. The testing showed subsurface conditions at the Site are favorable to implement such a system.

The SVE system will be finished with additional SVE points, piping and equipment in the following manner:

1. The SVE system will be constructed with flexibility to add additional SVE points and piping if required.
2. A total of seven 2-inch diameter PVC .020" slot screens will be installed to 3 feet below grade at the site and neighboring businesses. Three will be installed inside the site building, one will be installed behind the site building, two will be installed in the Kings Pharmacy basement and one will be installed in Lido Kosher Deli. These locations were determined by ***LEA***, based on the results of the pilot study and with input from the NYSDEC, NYSDOH and/or property owners/tenants.
3. 2-inch schedule 40 PVC piping will be run above and below grade to a dedicated blower. Each set of piping will have an adjustable ball valve and pressure gauge to fine-tune air flow from each extraction area for optimum system efficiency.
4. A 5.5 hp Gast Regenair regenerative blower, or equivalent, with a variable frequency controller set at up to 60" H_2O with a 215 scfm flow rate will be used for the system.
5. The pump, blower, cooler, moisture knockout drum, and system gauges will be stored in an all-weather shed or within the boiler room for year-round, full-time operation.
6. Two 170 pound granular activated carbon (GAC) vessels will be located adjacent to the shed or boiler room, as will the system headers and gauges. Eight backup drums will be staged at the Site during the startup period.
7. Prior to full-time operation, the SVE system will be thoroughly tested by an experienced professional to ensure proper operation. The testing will be performed in accordance with the procedures described in Section 4.3 of the NYSDOH Soil Vapor Intrusion Guidance. Pressure testing and indoor air testing will be conducted as described in the Soil Vapor Intrusion Guidance, at a minimum, within the Former Fashion Cleaners space and two adjacent commercial spaces. A pressure field extension test will be conducted to confirm that a vacuum of at least 0.004" w.c. is produced within the treatment zone (Fashion Cleaners and the two adjoining commercial spaces).
8. A dedicated power source for the system will be provided.
9. System startup monitoring will consist of system inspection and effluent sampling daily during the week, then weekly for the first month and monthly thereafter. The GACs will be replaced as monitoring indicates is necessary. An air permit will be obtained if required by the NYSDEC.
10. An electronic telemetry unit will be installed and will notify ***LEA*** staff, building management and/or maintenance staff in the event that a system failure occurs.

Please refer to Figures 9.0, Remediation Plan and 9.3, SVE Treatment System Plan. An air emissions worksheet for the SVE system is provided in Appendix H.

6.0 STANDARD OPERATING PROCEDURE

1. All sampling equipment, not considered disposable will be decontaminated using *Alconox*, a laboratory grade detergent, and rinsed with water before and after each use to ensure that cross-contamination of samples is eliminated.

2. All samples will be delivered, under strict chain of custody procedures to CHEMTECH, a NYSDOH ELAP approved (#11376) laboratory. Each sample collected for analysis will be recorded on a Chain-of-Custody form. If an error is made while completing the multi-part form, a single line is drawn through the error and initially by field personnel. A copy of the completed form is maintained by field personnel once transfer of custody of the samples is documented by signing of release by field personnel. The Chain-of-Custody form accompanies the samples during shipment to the laboratory and each transfer of custody is documented. Further detail pertaining to acceptable COC procedures is provided in the ASTM guidance document D4840-99. *Standard Guide for Sample Chain-of-Custody Procedures16.*

3. Dust production during the aforementioned activities will be minimal. However, the presence of VOCs will be evaluated using a PID equipped with an 10.6 eV lb. Air monitoring for VOCs and dust will monitored at the downwind perimeter of the work area on a continuous basis. If total VOC vapor levels exceed 5 parts per million (ppm) above background, work will be halted and the actions contained in the Vapor Emission Response Plan followed. Particulates will be monitored upwind, downwind, and within the work area. If downwind concentrations exceed 150 micrograms per cubic meter over that of the upwind concentrations, action will be taken to reduce particulates. Prior to undertaking field activities, ***LEA*** will complete monitoring of air quality at the Site. After the completion of the air monitoring survey and the assessment of air quality indicates work can proceed with Level D personnel protection, the investigation will continue. During all excavation and sampling operations, ***LEA*** personnel will monitor the working area, i.e. within the area of the excavation, using the MicroTip^{tm}, HNU^{tm}, Photovac, Raesystem, and/or MSA 261^{tm} (or equivalent) to ensure that air quality within the working area does not pose a hazard. If the air monitoring indicates a hazard, the area will be immediately evacuated. Please refer to the Community Air Monitoring Program (CAMP) in Appendix B.

4. The scope of work establishes the minimum level of personnel protection. Additional measures will be implemented if necessary to protect personnel involved in the work and the public at large.

5. Conditions at the Site are not expected to warrant either Level B or Level C protection during the investigation based on known site conditions. Regardless, all workers present on site will be familiar with proper protection procedures.

6. Given the nature of this investigation, as well as the nature of the contaminants which have the potential of being on-site, there is very little, if any, potential of the surrounding community being negatively impacted by activities which will be conducted during this investigation. However, ***Laurel Environmental Associates, Ltd.*** will take every possible step to avoid any type of negative impact.

7. Drill cuttings are not expected, but if generated, those that exhibit no obvious sign of contamination will be placed under plastic tarps after being screened with a Photoionization Detector to determine the presence of organic contamination. Drill Cuttings that appear to be contaminated, discolored, chemical odor etc., will be stored, transported and disposed of in DOT approved 55-gallon drums. If an emergency occurs during the investigation, which in any event may impact the surrounding community, all appropriate emergency resources listed under the Emergency Contingency Plan within the HASP will be immediately notified.

7.0 REPORT OF FINDINGS

An IRM Report will be prepared following the completion of fieldwork and laboratory analysis. The report will include the following items at a minimum:

1. Area/Site Location Map
2. Site Map/Site Sketch
3. Laboratory Data and Data Usability Summary Report (DUSR)
4. Table of analytical results highlighting any exceedance of applicable standards or guidelines
5. Summary of Findings and Recommendations

Since the indoor air sampling data for the adjacent commercial spaces indicates that soil vapor intrusion may be occurring, the proposed SVE system will also function as a soil vapor intrusion (SVI) mitigation system. Therefore, post-mitigation confirmation testing of the SVE system, as is outlined in Section 4.3 of the NYSDOH Soil Vapor Intrusion Guidance, should be conducted to verify that an adequate sub-slab pressure differential exists in areas needing mitigation. In addition, at a minimum, follow-up sampling in the adjacent commercials spaces to verify that indoor air is not being impacted by SVI should be conducted, and the results of this and the SVE system confirmation testing included in the Report of Findings.

Regular progress reports will be submitted as per the Order on Consent.

8.0 HEALTH AND SAFETY PLAN

The purpose of the Health and Safety Plan (HASP) is to assign responsibilities, establish the minimum personnel protection standards and operating procedures and provide for contingencies that may arise while remediation or investigations are being performed at the subject property. The HASP is included in Appendix A of this report.

9.0 COMMUNITY AIR MONITORING PROGRAM

Due to the nature of known contaminates of concern and/or potential contaminants at the Site, real-time air monitoring for volatile organic compounds (VOCs) and/or particulate levels at the perimeter of the exclusion zone or work area may be necessary. The Community Air Monitoring Plan (CAMP) regarding the subject property will involve VOC and particulate monitoring. Dust suppression with water mist will be utilized during excavation activities that are prone to release of dust. No other additional monitoring requirements should be necessary per consultation with appropriate NYSDEC/NYSDOH staff. Continuous monitoring will be completed for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells. The CAMP is in included in Appendix B of this report.

10.0 PERSONNEL

Laurel Environmental Associates, Ltd. personnel are 40-Hour OSHA trained and certified to handle all aspects of the scope of work as presented. Scott Yanuck, ***LEA*** Hydrogeologist is the Project Manager, Sheila Bubka, ***LEA*** Industrial Hygienist is the Health and Safety Officer, and Carla Sullivan, ***LEA*** Senior Geologist is the Quality Assurance/Quality Control Officer for the project. ***LEA*** may or may not involve subcontractors to complete the aforementioned work. Lido Realty Company is the owner of the subject property and Fashion Cleaners is the former operator and responsible party. The NYSDEC will be informed of any changes in personnel. Please refer to Appendix G of this report for resumes of the principal parties.

11.0 NOTIFICATION

The Project Manger will notify the NYSDEC and NYSDOH, via telephone and written communiqué, prior to the initiation of any field activities at the Site. If necessary, a written notice will be sent to the adjacent property owners for the Site and other impacted or interested members of the public as well as to municipal officials of the municipality in which the Site is located, if the Site property is subject to this guidance. All notifications will include the following information:

1. Project Manager, name/address/phone number.
2. The name and address of the Site.
3. The valid Department site identification number.
4. A brief description of the current use and occupancy of the Site.
5. The nature of the sampling activities or remedial action to be performed.
6. The anticipated start date of the sampling activities or remedial action.

If required by the NYSDEC and/or the NYSDOH, ***LEA*** will prepare a fact sheet announcing the investigation to neighbors of the Site, community leaders and the media. Additional fact sheets about the investigation may be prepared and sent as the project proceeds.

A Citizen Participation Plan, included in Appendix F of this report, includes a schedule for when ***LEA***, under the direction of the NYSDEC, anticipates issuing fact sheets, holding public meetings, etc., as well as information on site history, a glossary of terms, and other information pertaining to the project site.

If there is significant interest in a project, and/or required by the NYSDEC, ***LEA*** may hold a public meeting before or during an investigation which may include representatives from the NYSDEC, NYSDOH and NCDH, attending the meeting to answer citizens' questions.

If appropriate, less formal meetings, such as availability sessions may be held to allow local citizens, neighboring property owner, etc., the opportunity to speak one-on-one with the engineers, geologists and health department staff involved with a site.

12.0 QUALITY ASSURANCE/QUALITY CONTROL - DUSR

A Quality Assurance/Quality Control (QA/QC) Program and Data Usability and Summary Report (DUSR) will be implemented to insure accuracy in sampling, analysis and reporting. A checklist will be utilized based on USEPA 330/9-81-003R, 1984, and used in conjunction with maintaining a field log, which will document all critical field activities and events. In addition, it will assure that procedures such as calibration of field instruments are completed. A copy of the completed quality assurance field audit check list along with completed data forms will be incorporated into the report. A detailed QA/QC – DUSR protocol is included in Appendix D of this report.

USGS **Long Beach, New York, United States** 01 Jul 1979

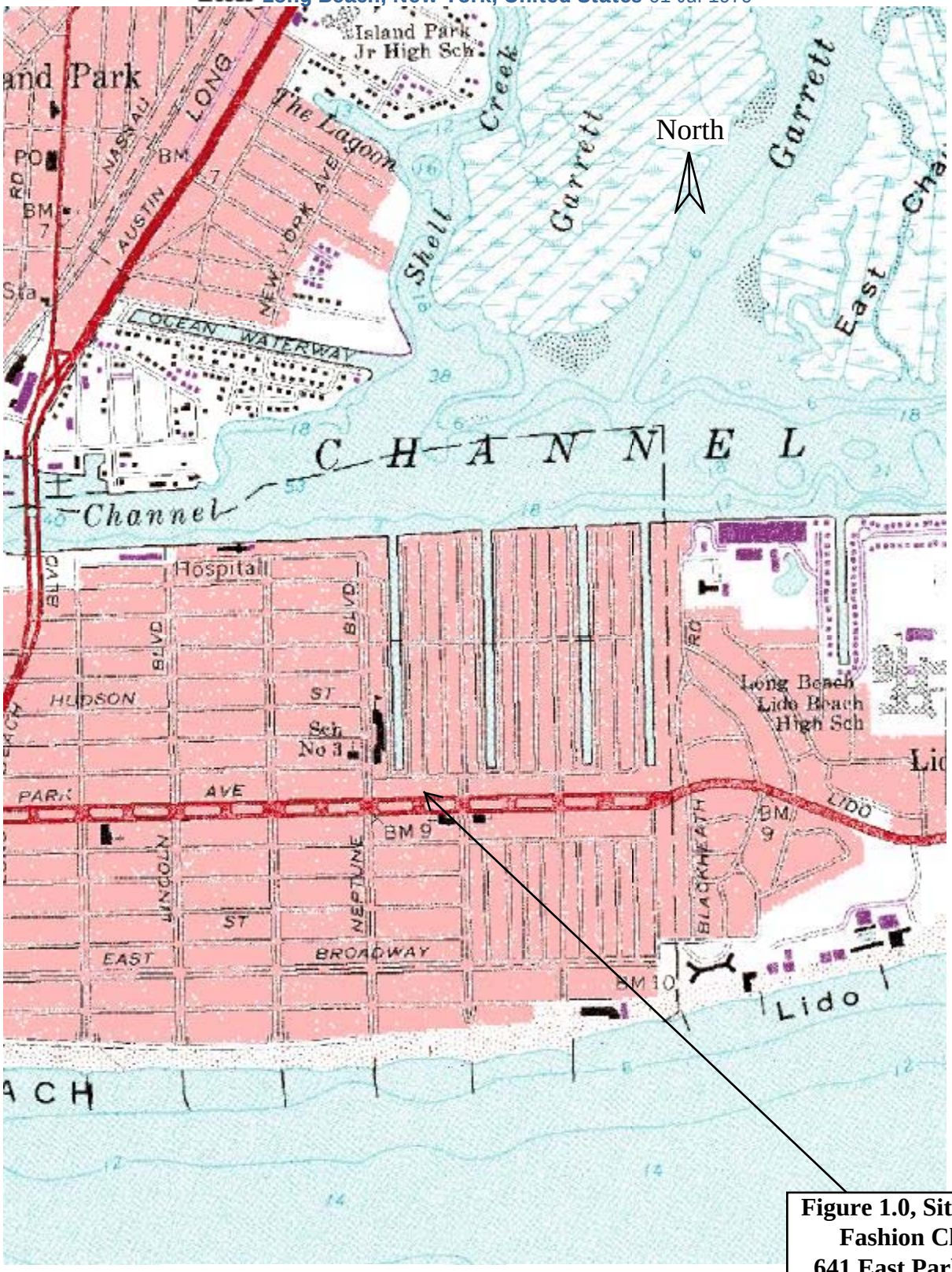
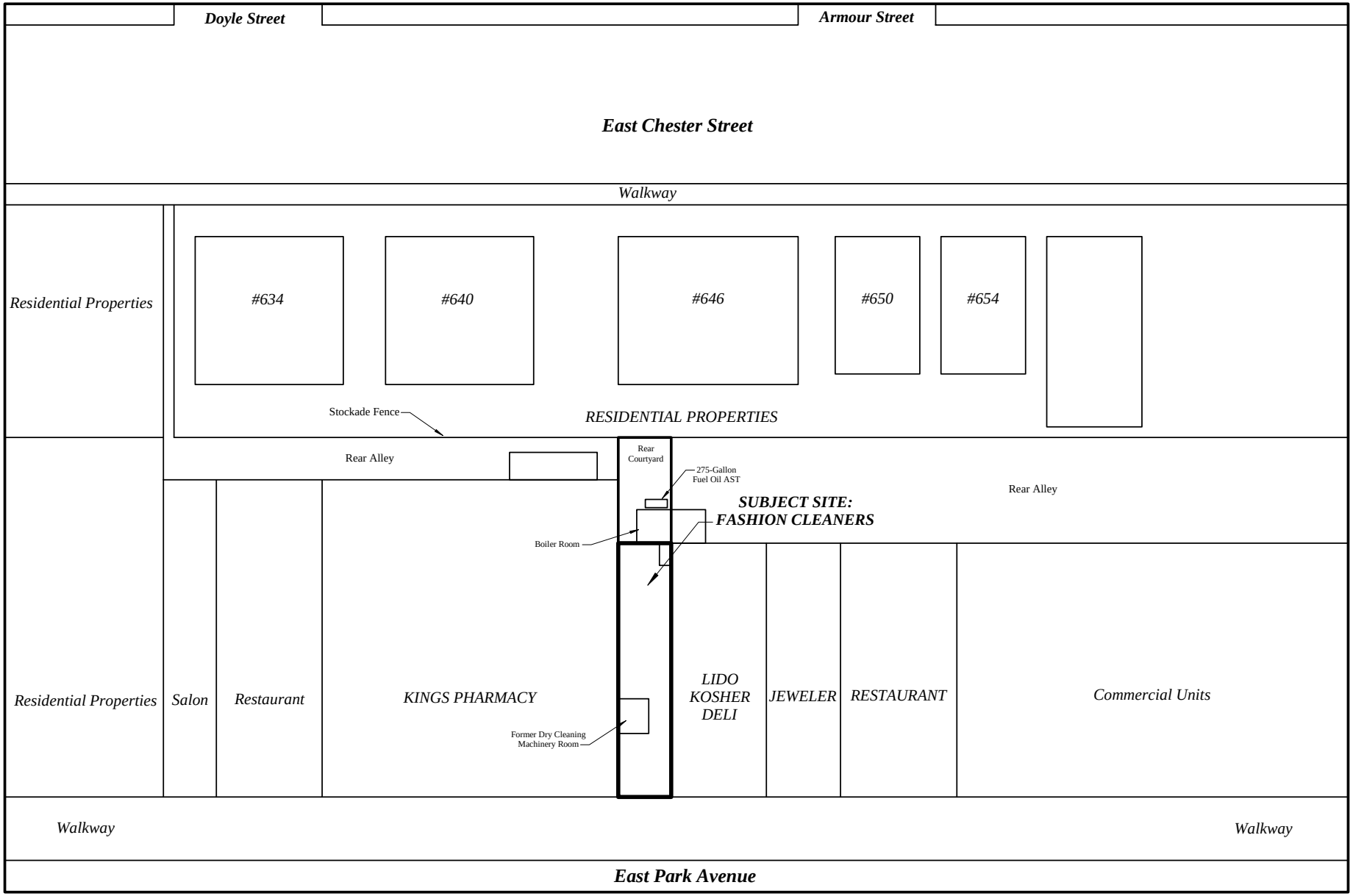


Figure 1.0, Site Location
Fashion Cleaners
641 East Park Avenue
Long Beach, New York

Laurel ENVIRONMENTAL ASSOCIATES, LTD.	**Laurel Environmental Associates, Ltd.**	Figure 2.0
	53 West Hills Road Huntington Station, NY 11746 631-673-0612	Site Layout
	Drawn by Brendan C. Moran 10/22/10	Fashion Cleaners 641 East Park Avenue Long Beach, New York
	Scale: As Shown	



Laurel Environmental Associates, Ltd.	Figure 3.0	LEGEND
53 West Hills Road Huntington Station, NY 11746 631-673-0612	Site Layout & Surrounding Properties	N
Drawn by BCM 1/26/09 / Scale as Shown	Fashion Cleaners 641 East Park Avenue Long Beach, New York	Scale: 1" = 40'

Figure 4.0, Public Water Supply Well Locations

SB-22		
DEPTH	0 - 2'	2' -4'
PCE	ND	ND
TCE	ND	ND
trans-1,2 DCE	ND	ND
cis-1,2 DCE	ND	ND
VC	ND	ND

SB-23		
DEPTH	0 - 2'	2' -4'
PCE	28.2	8.30
TCE	ND	ND
trans-1,2 DCE	ND	ND
cis-1,2 DCE	ND	ND
VC	ND	ND

SB-21		
DEPTH	0 - 2'	2' -4'
PCE	514	230
TCE	125	48.9
trans-1,2 DCE	ND	ND
cis-1,2 DCE	27.8	7.59
VC	ND	ND

SB-26		
DEPTH	0 - 2'	2' -4'
PCE	26.7	7.29
TCE	ND	ND
trans-1,2 DCE	ND	ND
cis-1,2 DCE	ND	ND
VC	ND	ND

SB-20		
DEPTH	0 - 2'	2' -4'
PCE	700	406
TCE	175	49.5
trans-1,2 DCE	ND	ND
cis-1,2 DCE	163	40.2
VC	ND	ND

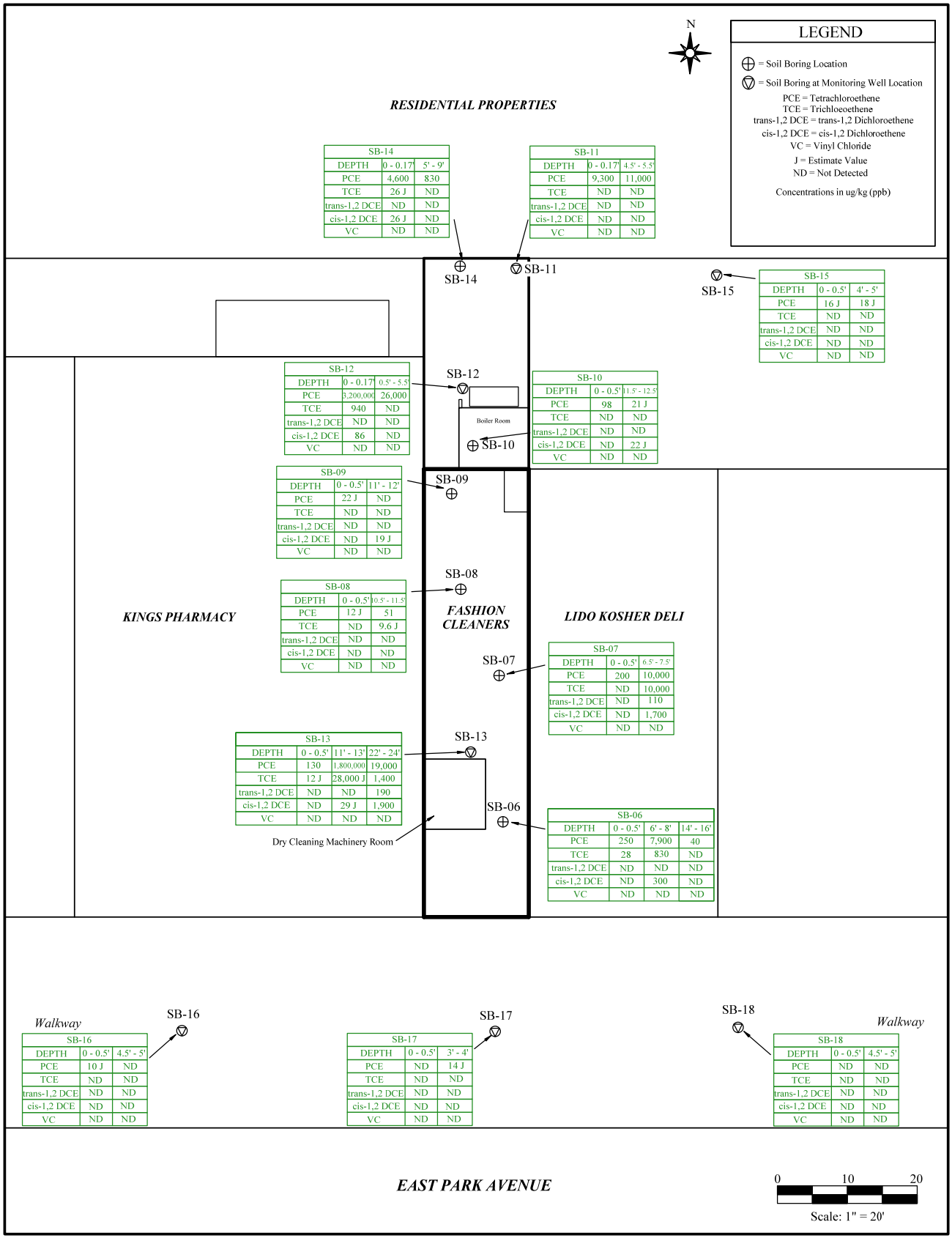
SB-19		
DEPTH	0 - 2'	2' -4'
PCE	682	9.85
TCE	76.6	ND
trans-1,2 DCE	ND	ND
cis-1,2 DCE	40.5	ND
VC	ND	ND

SB-27		
DEPTH	0 - 2'	2' -4'
PCE	ND	6,450
TCE	ND	ND
trans-1,2 DCE	ND	ND
cis-1,2 DCE	ND	ND
VC	ND	ND

SB-25		
DEPTH	0 - 2'	2' -4'
PCE	385	167
TCE	33.6	11.5
trans-1,2 DCE	ND	ND
cis-1,2 DCE	36.1	6.14
VC	ND	ND

SB-24		
DEPTH	0 - 2'	2' -4'
PCE	166	143
TCE	19.7	26.4
trans-1,2 DCE	ND	ND
cis-1,2 DCE	13.7	23.4
VC	ND	ND

Laurel ENVIRONMENTAL ASSOCIATES, LTD.	**Laurel Environmental Associates, Ltd.**	Figure 5.0
	53 West Hills Road Huntington Station, NY 11746 631-673-0612	Soil VOC Analytical Results, July 2010
	Drawn by Brendan C. Moran 11/4/09, Updated 8/19/10	Fashion Cleaners 641 East Park Avenue Long Beach, New York
	Scale: 1" = 20'	



Laurel ENVIRONMENTAL ASSOCIATES, LTD.	**Laurel Environmental Associates, Ltd.**	Figure 5.1
	53 West Hills Road Huntington Station, NY 11746 631-673-0612	Soil VOC Analytical Results, January 2009
	Drawn by Brendan C. Moran 12/10/08, Revised 5/20/09, 8/30/10	Fashion Cleaners 641 East Park Avenue Long Beach, New York
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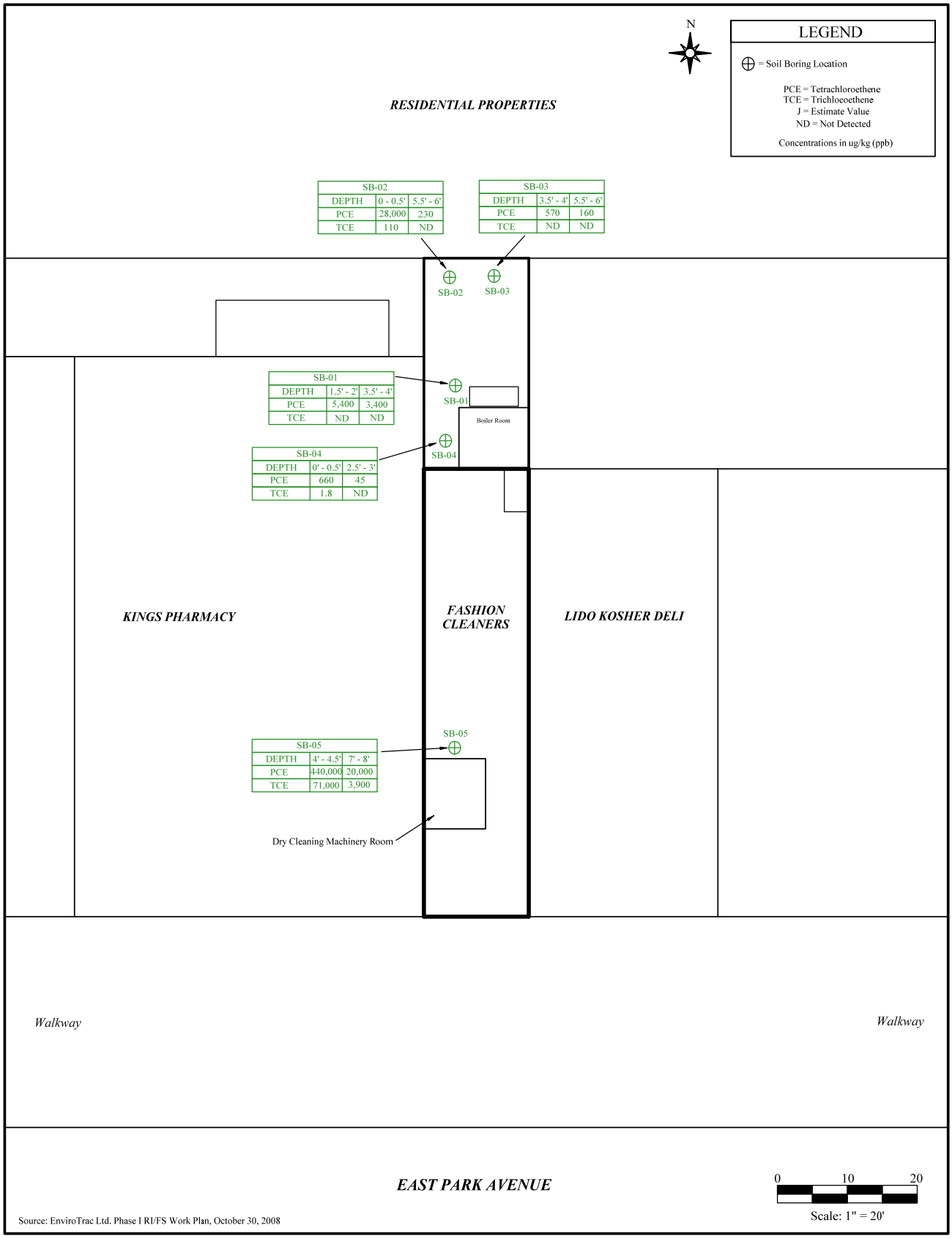
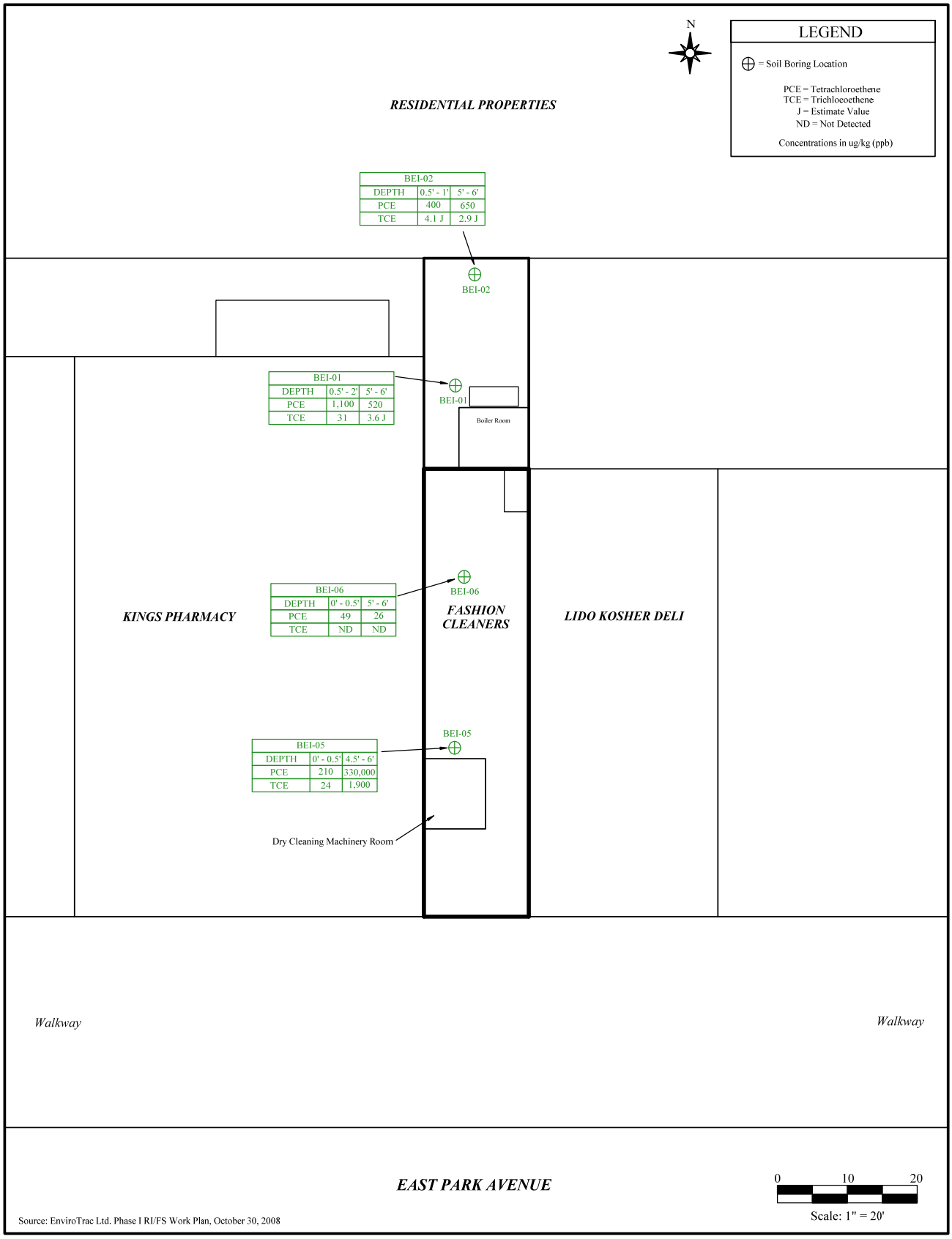


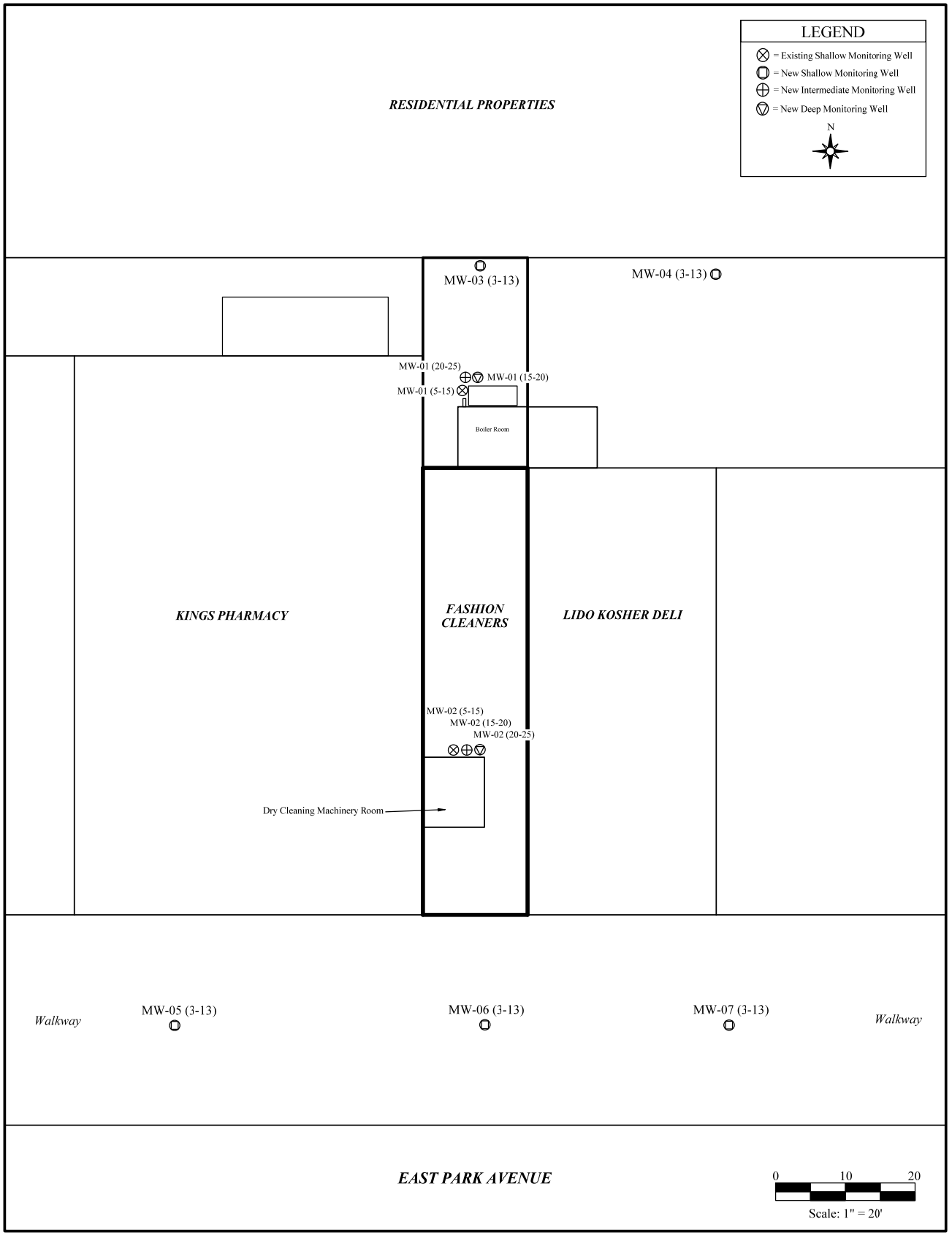
Source: EnviroTrac Ltd. Phase I RI/FS Work Plan, October 30, 2008

Laurel ENVIRONMENTAL ASSOCIATES, LTD.	**Laurel Environmental Associates, Ltd.**	Figure 5.2
	53 West Hills Road Huntington Station, NY 11746 631-673-0612	Soil VOC Analytical Results, June 2005
	Drawn by Brendan C. Moran 10/22/10	Fashion Cleaners 641 East Park Avenue Long Beach, New York
	Scale: 1" = 20'	

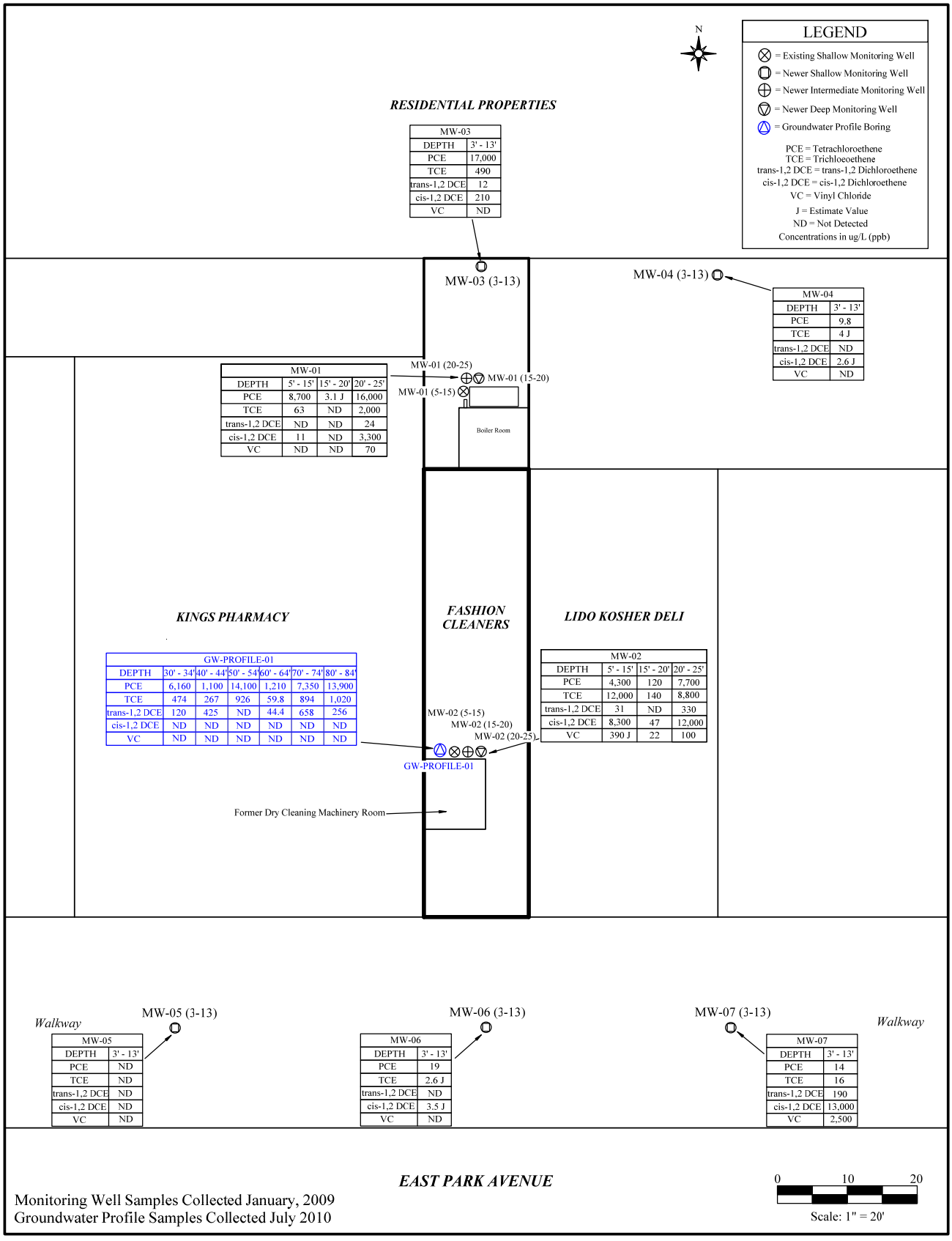


Source: EnviroTrac Ltd. Phase I RI/FS Work Plan, October 30, 2008

Laurel ENVIRONMENTAL ASSOCIATES, LTD.	**Laurel Environmental Associates, Ltd.**	Figure 5.3
	53 West Hills Road Huntington Station, NY 11746 631-673-0612	Soil VOC Analytical Results, September 2005
	Drawn by Brendan C. Moran 10/22/10	Fashion Cleaners 641 East Park Avenue Long Beach, New York
	Scale: 1" = 20'	



Laurel ENVIRONMENTAL ASSOCIATES, LTD.	**Laurel Environmental Associates, Ltd.**	Figure 6.0
	53 West Hills Road Huntington Station, NY 11746 631-673-06125	Monitoring Well Locations
	Drawn by Brendan C. Moran 12/10/08, Revised 5/20/09	Fashion Cleaners 641 East Park Avenue Long Beach, New York
	Scale: 1" = 20'	



Monitoring Well Samples Collected January, 2009
Groundwater Profile Samples Collected July 2010

Laurel ENVIRONMENTAL ASSOCIATES, LTD.

Laurel Environmental Associates, Ltd.

53 West Hills Road
Huntington Station, NY 11746
631-673-0612

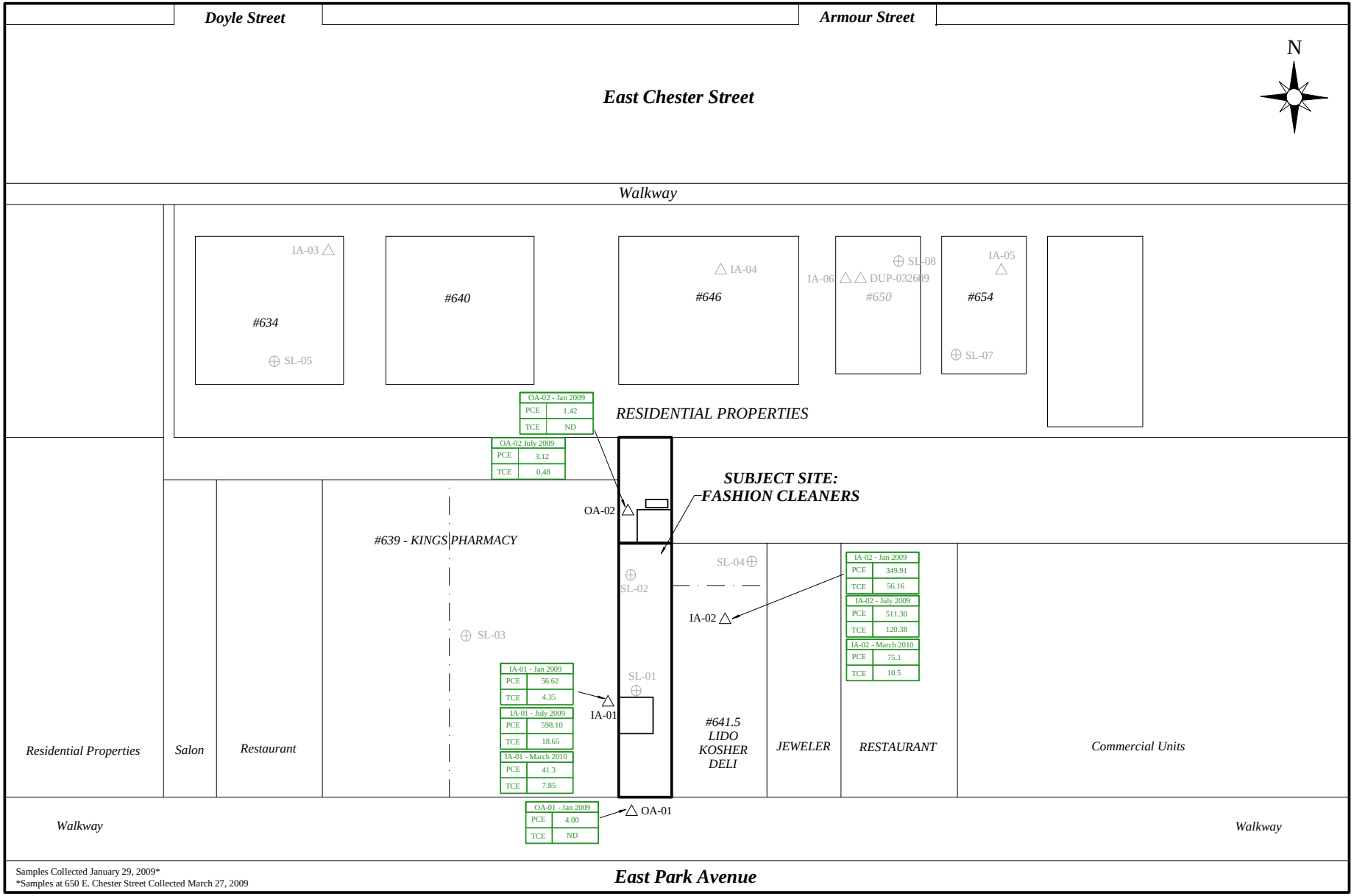
Drawn by Brendan C. Moran 12/10/08, Updated 8/19/2010

Scale: 1" = 20'

Figure 7.0

Groundwater Profiling VOC Analytical Results, July 2010

Fashion Cleaners
641 East Park Avenue
Long Beach, New York



Laurel Environmental Associates, Ltd.		Figure 8.0
53 West Hills Road Huntington Station, NY 11746 631-673-0612		SVI Investigation PCE & TCE Analytical Results, March 2010
Drawn by BCM 4/8/10	Scale as Shown	Fashion Cleaners 641 East Park Avenue Long Beach, New York

Scale: 1" = 40'

0 20 40

LEGEND

△ = Outdoor/Indoor Ambient Air Sample

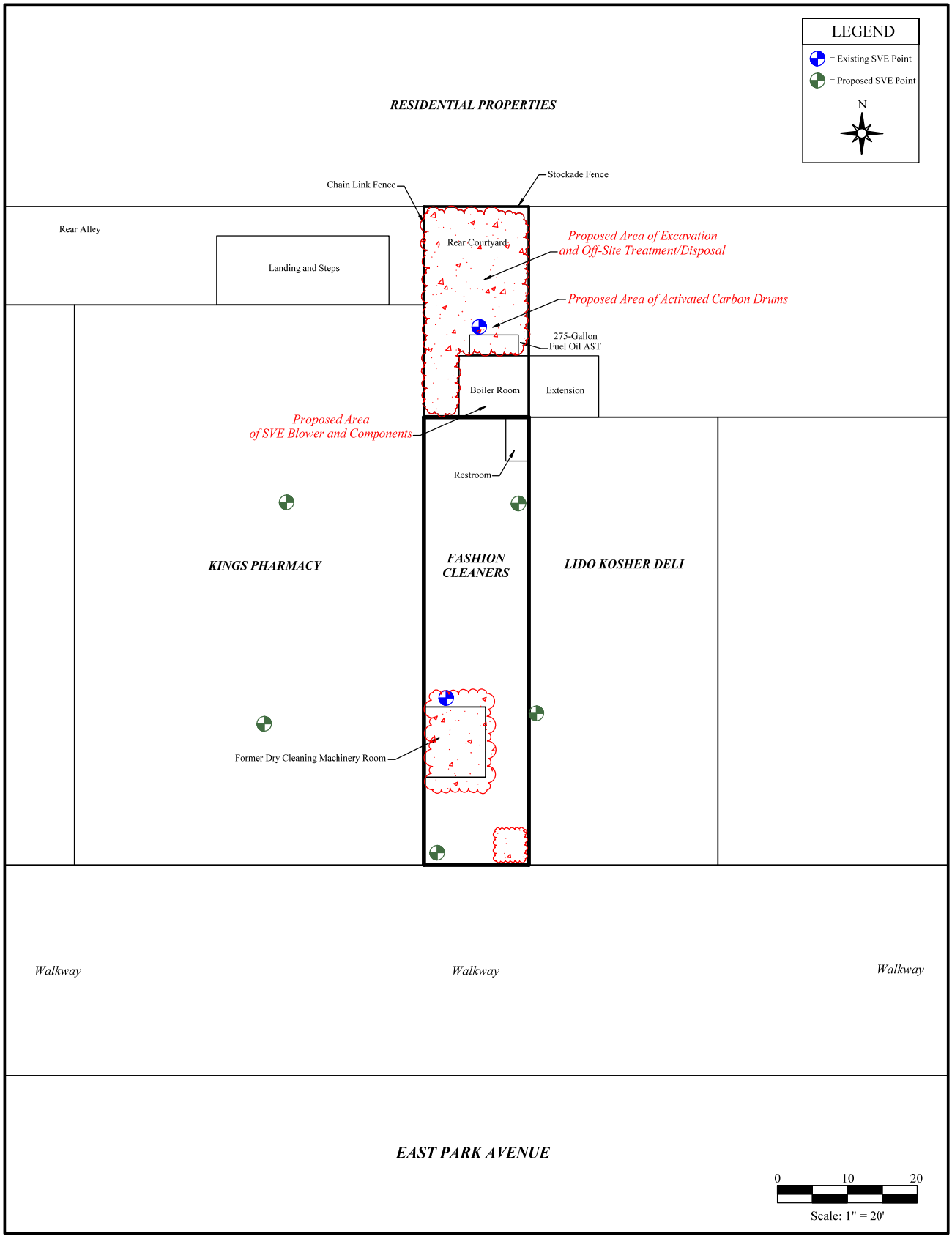
⊕ = Sub-Slab Soil Vapor Sample

PCE = Tetrachloroethene

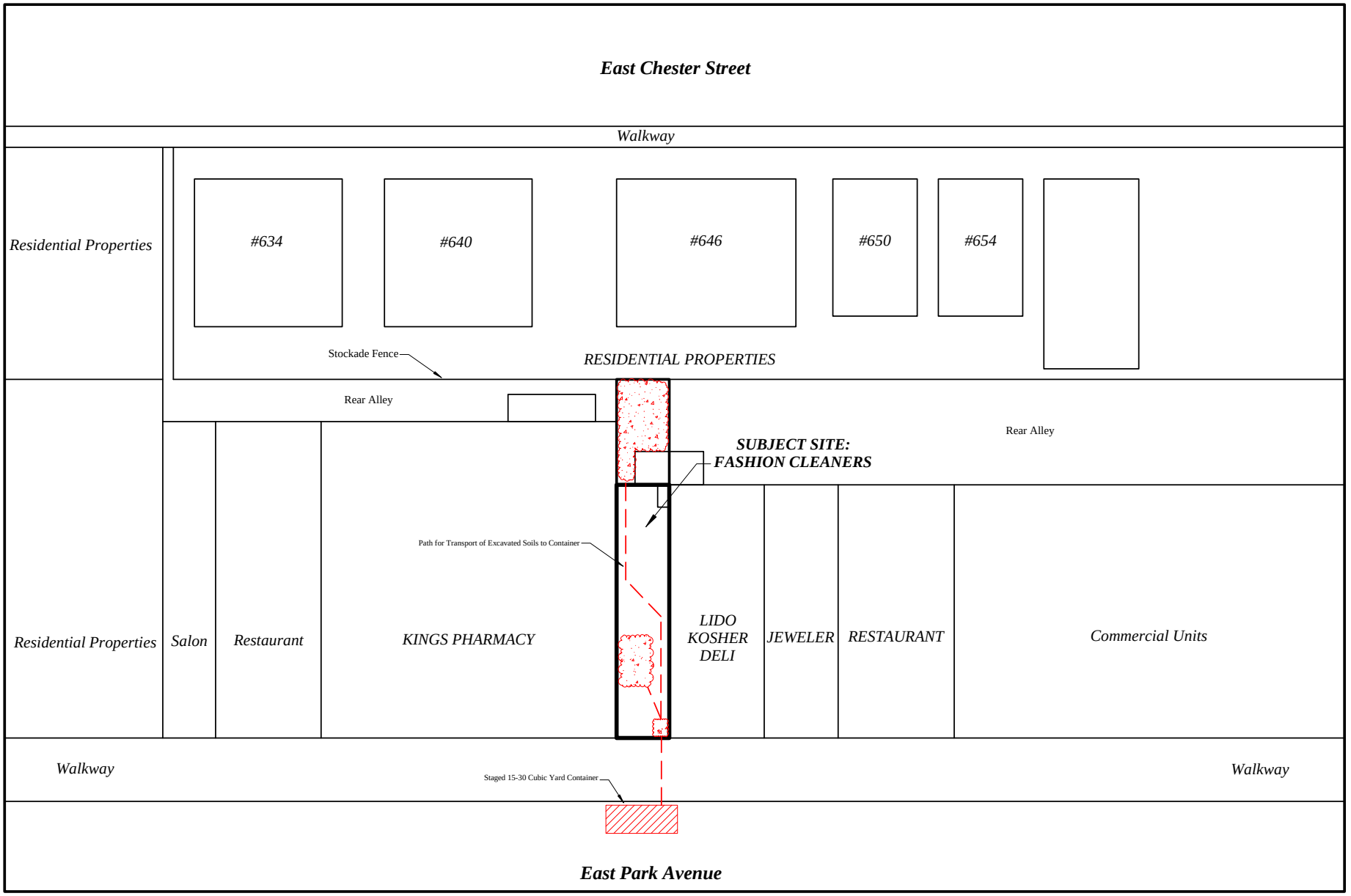
TCE = Trichloroethene

J = Estimated Value

PCE & TCE Concentrations in ug/M3



Laurel Environmental Associates, Ltd.	**Laurel Environmental Associates, Ltd.**	Figure 9.0
	53 West Hills Road Huntington Station, NY 11746 631-673-0612	Proposed Interim Remedial Measures
	Drawn by Brendan C. Moran 6/4/09, Revised 9/10/10	Fashion Cleaners 641 East Park Avenue Long Beach, New York
	Scale: As Shown	

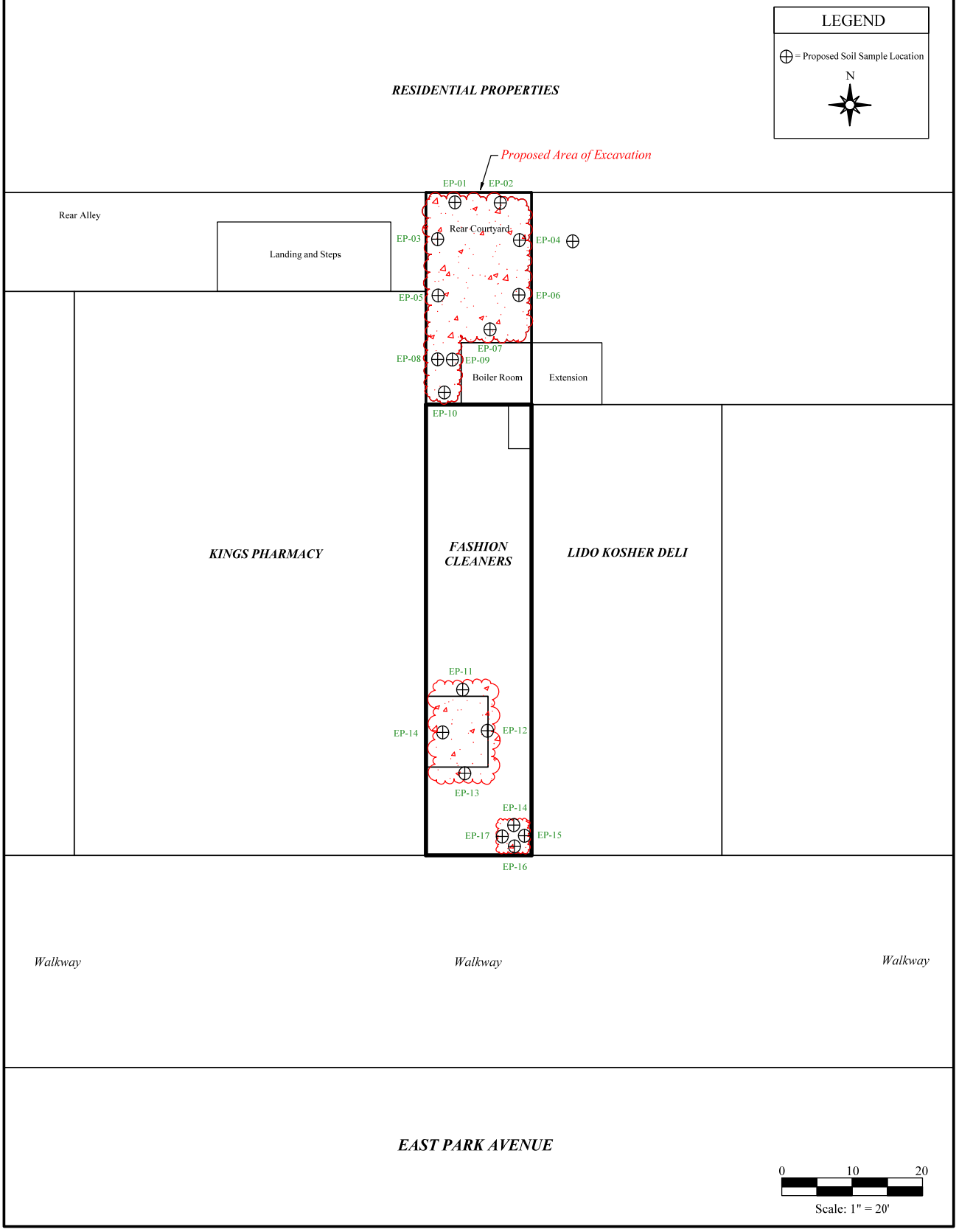


Laurel Environmental Associates, Ltd.		Figure 9.1
53 West Hills Road Huntington Station, NY 11746 631-673-0612		Excavation Plan
Drawn by BCM 9/10/10	Scale as Shown	Fashion Cleaners 641 East Park Avenue Long Beach, New York

Scale: 1" = 40'

LEGEND

N



Laurel ENVIRONMENTAL ASSOCIATES, LTD.	**Laurel Environmental Associates, Ltd.**	Figure 9.2
	53 West Hills Road Huntington Station, NY 11746 631-673-0612	Endpoint Sampling Plan
	Drawn by Brendan C. Moran 6/4/09, Rev 10/13/09, Rev 9/10/10	Fashion Cleaners 641 East Park Avenue Long Beach, New York
	Scale: As Shown	

LEGEND

= Pressure Gauge

= Pressure Valve

= Ball Valve

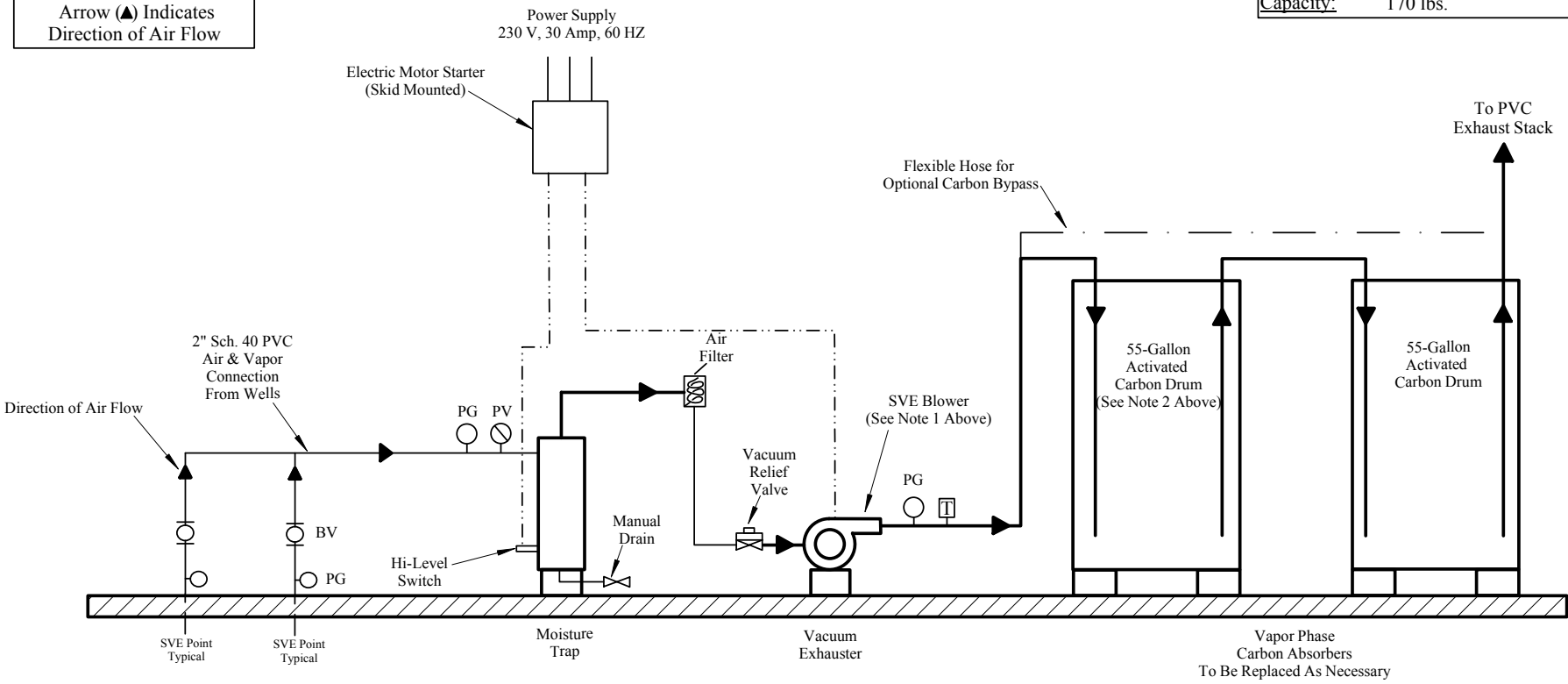
= Union

= Temperature Gauge

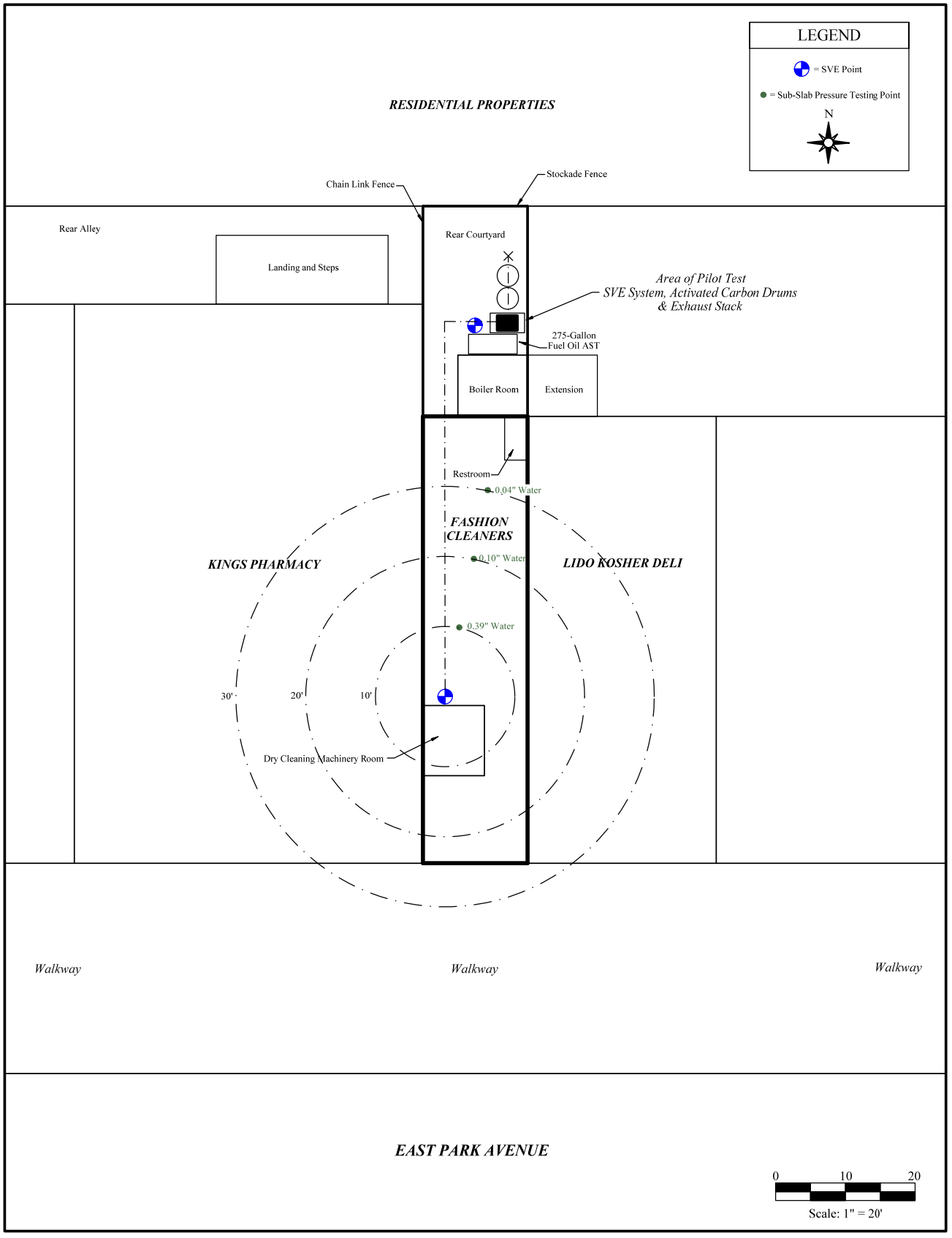
Arrow (▲) Indicates Direction of Air Flow

NOTE 1:	
Manufacturer:	Gast or Equivalent
Model #:	R5125Q-50 OR Equivalent
Type:	Regenerative Blower
Electric:	12/24 Amps @ 230/115VAC
Max Vacuum:	60" h2o
Max Flow:	320 CFM

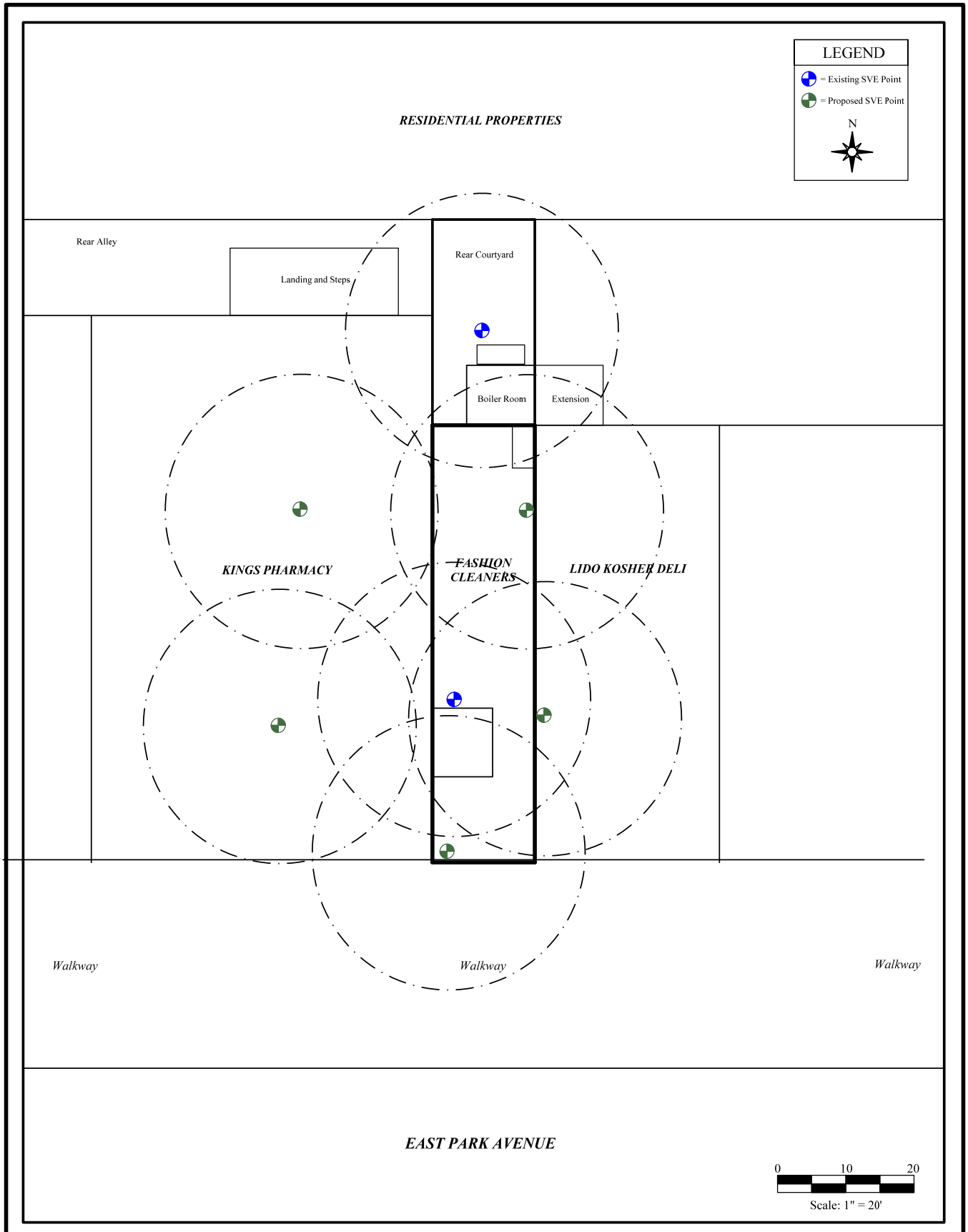
NOTE 2:	
Manufacturer:	Carbtrol or Equivalent
Model #:	G-2 or Equivalent
Type:	Granular Activated Carbon
Capacity:	170 lbs.



Laurel Environmental Associates, Ltd.		Figure 9.3
53 West Hills Road Huntington Station, NY 11746 631-673-0612		SVE Treatment System Plan
Drawn by BCM 9/2/09	Not to Scale	Fashion Cleaners 641 East Park Avenue Long Beach, New York



Laurel ENVIRONMENTAL ASSOCIATES, LTD.	**Laurel Environmental Associates, Ltd.**	Figure 9.4
	53 West Hills Road Huntington Station, NY 11746 631-673-0612	Pilot Test Radius of Influence Results
	Drawn by Brendan C. Moran 3/3/10	Fashion Cleaners 641 East Park Avenue Long Beach, New York
	Scale: As Shown	



Laurel ENVIRONMENTAL ASSOCIATES, LTD.	**Laurel Environmental Associates, Ltd.**	Figure 9.5
	53 West Hills Rd. Huntington Station, NY 11746 631-673-0612	Proposed SVE Point & Radius of Influence Map
	Drawn by Brendan C. Moran 9/10/10	Fashion Cleaners 641 East Park Avenue Long Beach, New York
	Scale: As Shown	

ANTICIPATED PROJECT SCHEDULE
INTERIM REMEDIAL MEASURES
FASHION CLEANERS, 641 EAST PARK AVE, LONG BEACH NY

Week Beginning, 2010

		10/25	11/1	11/8	11/15	11/22	11/29	12/6	12/13
IRM Work Plan Submittal	10/25/10								
Regulatory Report Review	10/25/10 to 11/5/10								
Mobilization to Site	11/8/10 to 11/12/10								
Field Work	11/15/10 to 11/26/10								
Receipt of Lab Data	Appx 11/29/2010								
Submit IRM Report	Appx 12/17/2010								

APPENDIX A

Health and Safety Plan

INTERIM REMEDIAL MEASURES
HEALTH AND SAFETY PLAN

FASHION CLEANERS
641 EAST PARK AVENUE
LONG BEACH, NEW YORK 11561

September 2010, Revised October 2010
NYSDEC Site Code # 130170
Order of Consent # A1-0589-0507
***LEA* PROJECT # 08-408**

Sheila Bubka, CIH
Health and Safety Officer
AIHA Certification Number 6111

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LAUREL Environmental Associates, Ltd. • 53 West Hills Rd • Huntington, NY • 11743 • phone (631) 673-0612 • fax (631) 427-5323

HEALTH AND SAFETY PLAN
FOR USE DURING INTERIM REMEDIAL MEASURES

1.0 PURPOSE

The purpose of this Health and Safety Plan (HASP) is to assign responsibilities, establish minimum personnel protection standards and operating procedures and provide for contingencies that may arise while operations are being performed at the subject site, 641 East Park Avenue, Long Beach, New York. The proposed Interim Remedial Measures (IRMs) will include the excavation and off-site treatment/disposal of impacted soils, collection of endpoint samples, restoration of the excavation and completion and upstart of a soil vapor extraction (SVE) system; all as described in the Work Plan.

Laurel Environmental Associates, Ltd. (LEA) and it subcontractors will be responsible for providing materials, equipment and labor required by the HASP. The protocols of the HASP will be followed by all personnel involved in the work, including employees and agents of Contractors, Subcontractors and Owner. Mr. Scott Yanuck, ***LEA*** Hydrogeologist is the Project Manager, Sheila Bubka is the Health and Safety Officer, and Carla Sullivan is the Quality Assurance/Quality Control Officer for the project.

This HASP establishes the minimum level of personnel protection. Additional measures will be implemented if necessary to protect personnel involved in the work and the public at large.

Conditions at the site are not expected to warrant either Level B or Level C protection during the investigation based on known site conditions. Regardless, all workers present on site will be familiar with proper protection procedures and the HASP. All personnel scheduled to work at the site are 40-hour OSHA HAZWOPER CFR 1910.120 trained, with 8-hour refreshers up to date.

Given the scope of the work, and the type of contaminants on-site, there is a low potential of the surrounding community being negatively impacted by activities which will be conducted during this investigation. ***Laurel Environmental Associates, Ltd.*** will take every possible step to avoid any type of negative impact.

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The Fashion Cleaner space is currently unoccupied and unheated. To avoid disrupting business or exposing employees of neighboring businesses and the general public to low level contaminants, work moving soil across the sidewalk will be completed during non-business hours (after 9 PM or before 7 AM). Excavated soils will be field screened with a Photoionization Detector (PID) to determine the presence of organic contamination. All excavated soils will be moved by covered container and placed into lined roll-off container staged along the street-side. If an emergency occurs during the measures, which in any event may impact the surrounding community, all appropriate emergency resources listed under the Emergency Contingency Plan Section of this plan will be immediately notified.

2.0 HAZARD EVALUATION

Elevated levels of volatile organic compounds (VOCs) in the atmosphere may occur during on-site activities. The presence of VOCs will be evaluated using a Photoionization Detector (PID). Additionally, elevated levels of particulate concentrations may occur during the activities. The particulate monitoring will be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10). Prior to undertaking field activities, ***LEA*** will complete monitoring of air quality at the site as discussed in the Community Air Monitoring Program (CAMP). Results from the air monitoring will determine if Level D personnel protection of workers is appropriate or a higher level of protection is required. Please refer to the CAMP for monitoring and appropriate actions guidelines.

During all activities, ***LEA*** personnel will monitor the area around the excavation using a PID to ensure that the appropriate worker protection is maintained for the level of pollutants found. If air monitoring indicates contaminant concentrations pose a risk to workers, the area will be immediately evacuated. Guidelines that will be followed before continuing are noted in Table 1 on the following page. If conditions warrant, Level B and C protection will be worn.

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Table 1
Atmospheric Hazard Guidelines

Hazard	Monitoring Equipment	Measured Level	Action
Explosive Atmosphere	Combustible Gas Indicator	<10% LEL	Continue investigation.
		10%-20% LEL	Continue on-site monitoring with extreme caution as higher levels are encountered.
		>20% LEL	Explosion hazard. Withdraw from area immediately.
Oxygen	Multi RAE	Oxygen conc.	
		<19.5%	Withdraw from area. NOTE: Combustible gas readings are not valid in atmosphere with oxygen levels of less than 19.5%
		19.5% - 23.5%	Continue investigation with caution.
		>23.5%	Fire hazard potential. Discontinue investigation. Withdraw from area.
Organic gases and vapors	PID	Background	Continue work
		5 ppm	Temporarily halt work until average readings drop below 5 ppm
		5 - 25 ppm	Halt work, identify and remedy or abate source Continue work once average readings drop below 5 ppm
		Above 15 ppm	Work must be shut down. Evaluate alternative approaches
Particulates	PM-10	Background	Continue work
		100 mcg/m3 above background	Implement dust suppression techniques Continue work if levels are below 150 mcg/m3 and no visible dust is migrating off-site
		above 150 mcg/m3	Stop work to re-evaluate suppression techniques

Notes:
1. LEL = Lower Explosive Limit

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3.0 SITE CONTROL

3.1 Site Work Locations:

Activities involving the air monitoring and excavation will be performed within the building, in the rear courtyard and surrounding areas. The work areas are the locations in which the actual activities will occur. Workers entering these areas are required to be protected as defined below. Only authorized personnel, including personnel conducting the work activities involved, and specialized personnel such as subcontractors engaged in well installation and operation of heavy equipment, will be allowed in the work areas. Within the work areas, the levels of protection will be determined based on the degree of hazard present, as detected by the measurements obtained with the PID, and/or other activity-specific monitoring equipment. As an engineering control, a regenerative air blower may be used to reduce the potential for dangerous concentrations of VOCs in the breathing zone near the excavation, if warranted.

3.2 Work Zones:

Work zones will be defined prior to the commencement of work activities. These work zones will limit equipment, operations and personnel in the areas as defined below:

Exclusion Zone - This shall include all areas where potential environmental monitoring has shown or is suspected that a potential chemical hazard may exist to workers. This will include down-wind locations. If a chemical hazard exists at downwind locations, the exclusion zone will be expanded as necessary. The level of PPE required in these areas shall be determined by the Site HSO after air monitoring and on-Site inspection has been conducted. The area shall be clearly delineated from the decontamination area. As work proceeds, the delineation boundary shall be relocated as necessary to prevent the accidental contamination of nearby people and equipment.

Contamination Reduction Zone - This zone will occur at the interface between the Exclusion Zone ("Hot Zone") and Support Zone ("Clean Zone") and shall provide a transfer of personnel and equipment to and from the Support Zone to the Exclusion Zone. This zone is for the decontamination of personnel and equipment prior to entering the Support Zone, and for the physical segregation of the Support Zone and Exclusion Zone. The contamination reduction zone will be placed along the rear alleyway, as close to the Site as possible. Access to the alleyway by the public and employees of commercial business will be restricted during the IRMs.

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Support Zone - This area is the remainder of the work Site and project Site. The support zone will be staged near company vehicles on East Park Avenue and/or East Chester Street. The function of the Support Zone includes:

A. An entry area for personnel, material and equipment to the Exclusion Zone of site operations through the Contamination Reduction Zone
B. An Exit for decontamination personnel, materials and equipment from the "Decon" area of Site operations
C. The Housing of Site special services
D. A storage area for clean safety and work equipment

Small decontamination areas may be set up adjacent to the work area to facilitate decontamination of equipment that is reused throughout the field activity.

3.3 Dust and Odors:

If during excavation, dust or odors emanating from contaminated soils are deemed excessive at adjoining properties and commercial businesses, the excavation will be temporarily covered with poly sheeting. The sheeting will be shifted as necessary to allow for continued excavation. Furthermore, the excavation will be covered with poly sheeting at the end of each work day to reduce odors. As excavation work is slated for the winter months, volatilization of contaminants and resultant odors will be minimized.

3.4 Security:

Periodic security patrols will be conducted to ensure that adequate security is being maintained. Only workers authorized by the field manager may be allowed to enter the Site. Warning signs will be posted to discourage entry by unauthorized personnel. The HSO will brief all visitors of all security and safety plans.

At the end of each work day, the rear courtyard will be secured with fabric-wrapped temporary 6 foot chain link fencing. The fencing will protect employees and the general public from physical hazards generally associated with an open excavation. The fencing will remain in place until the excavation is backfilled and paved. The interior excavations will be secured by locking the building.

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3.5 Site Communications:

Communications on-Site will be conducted through verbal communications. When out of audible range, verbal communications may be assisted using mobile telephones and two-way radios.

4.0 PERSONAL PROTECTIVE EQUIPMENT

All on-site workers will be familiar with proper protection procedures and this Health and Safety Plan. Level D personal protective clothing will be worn at the outset.

As stated above Level B or C protection will be worn as required. General descriptions of Level C and B protection are presented in Tables 2 and 3 on the following page, respectively. If it is necessary to wear Level B or C protection, the work area shall be separated into three Zones: an Exclusion Zone, a Contamination Reduction Zone, and a Support Zone. No one but protected personnel shall be in the Exclusion and Contamination Reduction Zones. An entrance and exit point shall be designated and monitored to ensure that no unauthorized personnel enter the area. Everyone that enters the area shall log in the field note book with the length of time spent in the area and the task performed noted.

All workers shall wear gloves when handling soil/sludge and apparatus. Gloves shall also be worn while cleaning the sampling equipment.

If any personnel must be lowered into a confined spaces additional procedures must be followed. ***LEA*** will provide the confined space procedures. ***LEA*** will monitor the confined space prior to entry and complete the confined space permit. If needed, dilution or exhaust ventilation will be provided to lower contaminant levels.

All persons working in the confined space must have confined space awareness training and a confined space supervisor must be present. ***LEA*** will perform continuous air monitoring for oxygen, flammability and toxins. At a minimum, carbon monoxide and hydrogen sulfide will be monitored in addition to other site-specific chemicals determined to be a hazard. All personnel working in or monitoring the confined space activities must be properly OSHA confined space entry trained. An approved safety harness and tripod will be employed. Personnel at grade will be constantly monitoring the worker in the pool for signs of fatigue, heat stress or behavior change.

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Table 2
LEVEL C PROTECTION

1. Full-face or half-mask, air purifying, canister equipped respirators (NIOSH approved) for those contaminants present.
2. Hooded chemical resistant clothing: (overalls; two-piece chemical-splash-suit; disposable chemical-resistant overalls).
3. Coveralls*
4. Gloves, outer, chemical-resistant
5. Gloves, inner, chemical-resistant
6. Boots (outer), chemical-resistant, steel toe and shank
7. Boot-covers, outer, chemical-resistant, (disposable)*
8. Hard hat
9. Escape mask*
10. Two-way radios (worn under outside protective clothing)
11. Face shield*

*Optional, as applicable.

Table 3
LEVEL B PROTECTION

1. Pressure-demand, full-faceplate self-contained breathing apparatus (SCBA), or pressure demand supplied air respirator with escape SCBA (NIOSH approved)
2. Hooded chemical-resistant clothing (overalls and long-sleeved shirts) jacket; coveralls; one or two-piece chemical-splash suit; disposable chemical-resistant overalls).
3. Coveralls*
4. Gloves, outer chemical-resistant
5. Gloves, inner, chemical-resistant.
6. Boots, outer, chemical resistant steel toe and shank
7. Boot-covers, outer, chemical-resistant (disposable)
8. Hard hat
9. Two-way radios (worn inside encapsulating suit)
10. Face shield*

* Optional, as applicable

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5.0 PERSONNEL SAFETY/HYGIENE

The safety practices to be followed by all on-site personnel include:

1. If Level B or C protection must be worn, eating, drinking, chewing gum or tobacco, smoking or any practice that increases the probability of hand-to-mouth transfer and ingestion of materials is prohibited in the Exclusion and Contamination Reduction Zones. All workers must be trained, medically qualified and fit tested in the use of respirators.

2. Hands and face must be thoroughly washed before eating, drinking or any other personal hygiene activities.

3. No excessive facial hair, which interferes with a satisfactory fit of the mask to face seal, is allowed for personnel to wear respiratory protective equipment.

6.0 PERSONNEL TRAINING

At the start of the job before engaging in any work, all personnel will be briefed on the following:

1. The person in charge as safety officer
2. Boundaries, entry and exit point locations of the work zones, if established
3. Use of personnel protection equipment
4. Principles of personnel hygiene
5. Location of first-aid equipment
6. Evacuation procedures to be followed in case of emergencies
7. Heat stress symptoms. All personnel will be advised to watch for signs of heat stress.

New personnel will be briefed on the same points prior to starting work at the site.

7.0 DECONTAMINATION PROCEDURES

If Level B or C protection is worn, decontamination procedures shall be performed in the Contamination Reduction Zone. All disposable garments and spent cartridges/canisters from respiratory equipment will be stored, transported, and properly disposed of in DOT approved 55-gallon drums. Potentially contaminated equipment will be cleaned before leaving the site.

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8.0 EMERGENCY CONTINGENCY PLAN

In the event of physical injury, the safety officer or any other qualified person will initiate first aid and, if necessary, call the ambulance. If a chemical exposure is encountered, a physician will be informed, as specifically as possible, of the chemical(s) to which the person had been exposed and the toxicological properties of the chemical(s).

In case of any emergency, the following resources might need to be contacted:

A. Local Resource
   Fire Department: **911**
   Police Department: **911**

B. Hazardous Waste Spills
   New York State Department of Environmental Conservation **1-800-457-7362**
   Nassau County Department of Health, **516-571-6000**
   Laurel Environmental Associates, Ltd.: Nights and Weekend Emergencies **516-971-6332**

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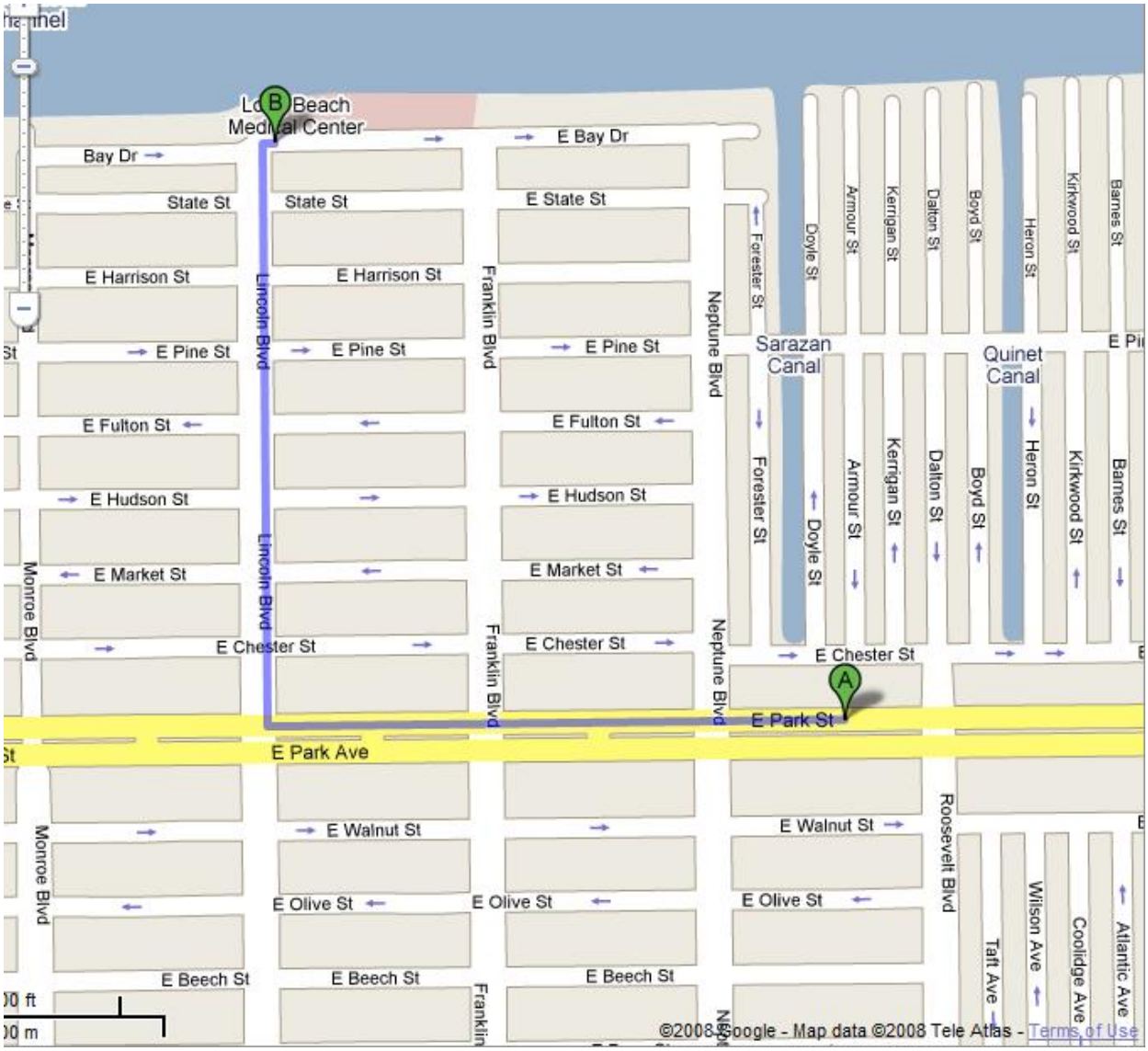
C. Hospital

455 East Bay Drive
Long Beach, New York 11561
Telephone: (516) 897-1000
Total Distance: 0.82 Miles
Approximate Driving Time: 2 Minutes

Start: Start out going WEST on EAST PARK AVENUE toward NEPTUNE BOULEVARD

1. Turn RIGHT onto LINCOLN BOULEVARD
2. Turn RIGHT onto EAST BAY DRIVE

End: End at 455 East Bay Drive, Long Beach, New York 11561



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9.0 HEAT STRESS CASUALTY PREVENTION PLAN

A. Identification and Treatment

1) **HEAT EXHAUSTION**

Symptoms: Usually begins with muscular weakness, dizziness and a staggering gait. Vomiting is frequent. The bowels may move involuntarily. The victim is very pale, his/her skin is clammy and he/she may perspire profusely. The pulse is weak and fast, breathing is shallow. He/she may faint unless he/she lies down. This may pass, but sometimes it remains and death could occur.

First Aid: Immediately remove the victim to a shady or cool area with good air circulation. Remove all protective outerwear. Call a physician. Treat the victim for shock. (Make him lie down, raise his feet 6-12 inches, and keep him warm but loosen all clothing). If the victim is conscious, it may be helpful to give him sips of a salt water solution (1 teaspoon of salt to 1 glass of water). Transport victim to a medical facility.

2) **HEAT STROKE**

Symptoms: This is the most serious of heat casualties due to the fact that the body excessively overheats. Body temperatures are often are between 107°-110°F. There is often pain in the head, dizziness, nausea, oppression, and a dryness of the skin and mouth. Unconsciousness follows quickly and death is imminent if exposure continues. The attack will usually occur suddenly.

First Aid: Immediately evacuate the victim to a cool and shady area. Remove all protective outer wear and all personal clothing. Lay him on his back with the head and shoulders slightly elevated. It is imperative that the body temperature be lowered immediately. This can be accomplished by applying cold wet towels, ice bags, etc., to the head. Sponge off the bare skin with cool water or rubbing alcohol, if available, or even place him in a tub of cool water. The main objective is to cool him without chilling him. Give no stimulants. Transport the victim to a medical facility as soon as possible.

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B. **Prevention of Heat Stress**

1) One of the major causes of heat casualties is the depletion of body fluids. On-site there will be plenty of fluids available. Personnel should replace water and salts lost from perspiration. Salts can be replaced by either a 0.1% salt solution, more heavily salted foods, or commercial mixes such as Gatorade®.

2) A work schedule will be established so that the majority of the work day will be during the morning hours of the day before ambient air temperature levels reach their highs if high air temperatures are anticipated.

3) A work/rest guideline will be implemented for personnel required to wear Level B protection, if this situation arises. This guideline is as follows:

Ambient Temperatures	***Maximum Working Time***
Above 90°F	< 1 hour
80° - 90° F	1 hour
70 °- 80° F	2 hours
60 °- 70° F	3 hours
50 °- 60° F	4 hours
40° - 50°F	5 hours
30° - 40° F	6 hours
Below 30° F	8 hours

A sufficient period will be allowed for personnel to "cool down". This may require separate shifts of workers during operations.

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APPENDIX B

Community Air Monitoring Program

Laurel
ENVIRONMENTAL
ASSOCIATES, LTD.

INTERIM REMEDIAL MEASURES
COMMUNITY AIR MONITORING PLAN

FASHION CLEANERS
641 EAST PARK AVENUE
LONG BEACH, NEW YORK 11561

September 2010
NYSDEC Site Code # 130170
Order of Consent # A1-0589-0507
***LEA* PROJECT # 08-408**

COMMUNITY AIR MONITORING PLAN
FOR USE DURING INTERIM REMEDIAL MEASURES

Due to the nature of known contaminates of concern and/or potential contaminants at the site, real-time air monitoring for volatile organic compounds (VOCs) and/or particulate levels at the perimeter of the exclusion zone or work area may be necessary. The scope of work regarding the subject property will involve VOC and particulate monitoring. No other additional monitoring requirements should be necessary per consultation with appropriate NYSDEC/NYSDOH staff. Continuous monitoring will be completed for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. For the purpose of this investigation, ground intrusive activities include, but are not limited to; excavation and installation of replacement monitoring wells.

Periodic monitoring for VOCs will be completed during non-intrusive activities such as the collection of endpoint samples and staging of drums. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while conducting ground intrusive activities, and taking a reading prior to leaving a sample/drum staging location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling and drum staging activities. Due to the close proximity of residential properties as well as an active shopping area, continuous air monitoring will be conducted during all phases of investigation at the site.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) will be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work will be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment will be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment will be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities will be temporarily halted and monitoring

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continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities will resume with continued monitoring.

- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities will cease, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After which, work activities will resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

All 15-minute readings will be recorded and be available for State (NYSDEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes will also be recorded.

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Particulate Monitoring, Response Levels, and Actions

Particulate concentrations will be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring will be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment will be fitted with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration will be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques will be employed. Work will continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m3 above the upwind level and provided that no visible dust is migrating from the work area.

- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m3 above the upwind level, work will be stopped and a re-evaluation of activities initiated. Work will resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m3 of the upwind level and in preventing visible dust migration.

All readings must be recorded and be available for State (NYSDEC and NYSDOH) personnel to review.

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APPENDIX C

Sampling and Analysis Plan

INTERIM REMEDIAL MEASURES
SAMPLING AND ANALYSIS PLAN

FASHION CLEANERS
641 EAST PARK AVENUE
LONG BEACH, NEW YORK 11561

September 2010, Revised October 2010
NYSDEC Site Code # 130170
Order of Consent # A1-0589-0507
***LEA* PROJECT # 08-408**

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1.0 ACRONYMS

ARARs	Applicable or Relevant and Appropriate Requirements
AS	Air Sparge
bgs	below ground surface
CAMP	Community Air Monitoring Program
C&D	Construction and Demolition (debris)
CEC	Cation Exchange Capability
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFM	cubic feet per minute
COC	Contaminate of Concern
COD	Chemical Oxygen Demand
CPC	Chemical of Potential Concern
DNAPL	Dense non-aqueous phase liquid
DO	Dissolved Oxygen
DOT	Department of Transportation
EISB	Enhanced *In-situ* Bioremediation
EPA	Environmental Protection Agency
FWIA	Fish and Wildlife Impact Analysis
HASP	Health and Safety Plan
HP	Horsepower
HRA	Health Risk Assessment
HRC	Hydrogen Release Compound
GAC	Granulated Active Carbon
IHWS	Inactive Hazardous Waste Site
IIWA	Immediate Investigation Work Assignment
ISCO	In-Situ Chemical Oxidation
LBWD	Long Beach Water District
LEA	Laurel Environmental Associates Ltd
LDR	Land Disposal Restrictions
MNA	Monitored Natural Attenuation
MW	Monitoring Well
NCDH	Nassau County Department of Health
NCP	National Contingency Plan
NPL	National Priority List
NYSDOH	New York State Department of Health
NYSDEC	New York State Department of Environmental Conservation
O&M	Operation and Maintenance
OSHA	Occupational Safety and Health Administration
PAHs	Polycyclic Aromatic Hydrocarbons
PCE	perchloroethylene (same as tetrachloroethene)
PID	Photoionization detector
POTW	Publicly-Owned Treatment Works
ppb	parts per billion (µg/kg)
ppm	parts per million (mg/kg)
PRAP	Proposed Remedial Action Plan
QA/QC	Quality Assurance/Quality Control
RAGS	Risk Assessment Guidance for Superfund
RAP	Remedial Action Plan
RAO	Remedial Action Objective
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
ROI	Radius of Influence
SARA	Superfund Amendments and Reauthorization Act
SCGs	Standards, Criteria, and Guidance Values
SSVMP	Stainless Steel Vapor Monitoring Points
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
SVOC	Semi Volatile Organic Compound
TAGM	Technical and Administrative Guidance Memorandum
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TMV	Toxicity, Mobility, or Volume
TOC	Total Organic Compounds
USEPA	United States Environmental Protection Agency
UTS	Universal Treatment Standards
VOC	Volatile Organic Compound

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2.0 INTRODUCTION

Laurel Environmental Associates, Ltd. was retained by Lido Realty, Inc. to prepare this Sampling and Analysis Plan (SAP) as part of an Interim Remedial Measures (IRMs) Work Plan for the property located at 641 East Park Avenue, Long Beach, New York. The site is designated on the Nassau County Tax Map as Section 59, Block 229, Lot 21. The physical location of the site is at Latitude 40° 35' 20" North and Longitude 73° 38' 42" West.

The SAP contains a Field Sampling Plan (FSP) to be employed in conducting the IRMs scope of work. The objectives and details the specific sampling procedures and the relevant sampling and analytical protocols to ensure that the data collected during the IRMs are of sufficient quality to support additional remedial decisions.

3.0 FIELD SAMPLING PLAN

3.1 SAMPLING OBJECTIVE

Endpoint soil sampling data from the completed rear courtyard excavation will determine if contaminant concentrations have been reduced to acceptable levels and aid in determining the need for additional remedies, if any. Additionally, sampling will ensure imported backfill material is acceptable based upon comparison of laboratory analysis data to 6NYCRR Subpart 375-6-Remedial Program Soil Cleanup Objectives. Excavated soils will be characterized as required by the transporting company and disposal facility.

3.1.1 Sampling Location and Frequency

Interior and Rear Courtyard Excavations Endpoint Sampling and Analysis:

Endpoint soil samples will be collected from the base and sidewalls of the excavations once the planned extent of each excavation has been reached. In accordance with NYSDEC protocol, a total of ten soil samples will be collected from above the apparent high groundwater table level, along each sidewall and from the base of the excavation. Quality Assurance/Quality Control samples will be analyzed as presented in the Sampling and Analysis plan. Depending on stability of the excavation and access, samples may be collected from the bucket of the machinery performing the excavation or by a direct grab sample. Endpoint samples will be submitted for laboratory analysis at CHEMTECH of Mountainside, New Jersey to test for analytes described in the tables on pages following. CHEMTECH is a NYSDOH, ELAP, ASP/CLP approved laboratory and will be required to maintain this certification throughout the IRM.

Sample locations will be designated EP-01, EP-02, etc.. The locations of these sample locations are provided in Figure 9.2. The purpose of this testing is to determine the extent of residual vadose zone contamination that cannot be reasonably removed by excavation. The NYSDEC may require collection and analysis of additional endpoint soil samples during implementation of the IRM.

TABLE I

ENDPOINT SAMPLING AND ANALYSIS SUMMARY

Location/Matrix	Number of Locations	Analytes	Number of Samples	Total No.*
Hand Auger - Soil	17	TCL Volatiles	17	23

TCL VOCs - Target Compound List

* Including QA/QC Samples

Backfill Material Sampling and Analysis:

Upon completion of the testing, the excavation will be backfilled with imported bank run or similar. Representative soil samples will be collected in accordance with NYSDEC protocol from imported soils and analyzed prior to placement at the Site. Samples will be submitted for laboratory analysis at CHEMTECH of Mountainside, New Jersey to test for Target Compound List (TCL) VOCs, TCL SVOCs, pesticides, PCBs, TAL metals and cyanide. CHEMTECH is a NYSDOH, ELAP, ASP/CLP approved laboratory and will be required to maintain this certification throughout the IRM. If imported soils are from independent sources, samples will be collected and analyzed from each source as above. The results of the analysis will be submitted to the NYSDEC for approval prior to use as backfill.

TABLE II

BACKFILL SAMPLING AND ANALYSIS SUMMARY

Location/Matrix	Number of Locations	Analytes	Number of Samples	Total No.*
Composite - Soil	1	TCL Volatiles	1	1
Composite - Soil	1	TCL Semi-Volatiles	1	1
Composite - Soil	1	TCL Pesticides	1	1
Composite - Soil	1	TAL Metals	1	1
Composite - Soil	1	Cyanide	1	1
Composite - Soil	1	TCL Volatiles	1	1
Composite - Soil	1	TAL Metals	1	1
Composite - Soil	1	PCBs	1	1

TCL VOCs - Target Compound List

TAL - Target Analyte List

NA - Not Applicable

PCBs - Polychlorinated Biphenyls

* Including QA/QC Samples

Soil Characterization Sampling and Analysis:

In additional to previous soil characterization and analysis for waste disposal approval, a waste characterization sample was collected and analyzed from vadose zone soils beneath the former dry cleaning machinery during the Supplemental Remedial Investigation, July 2010. The sample was analyzed for RCRA hazardous waste characterization parameters. The results will be utilized to obtain approval from the disposal facility.

3.1.2 Sample Identification

Details on the identification of samples can be found in the QA/QC prepared as part of the IRM Work Plan.

3.1.3 Sample Documentation

Each sample bottle will be labeled with at least the following:

- Complete Sample Identification
- Date and Time of Sample Collection
- Required Analysis
- Sampler's Initials

All sample bottles will be accounted for on a Chain-of-Custody form; see the QA/QC for additional details on completion of the form and procedures. Additional details on samples and locations will be recorded in the bound field logbooks maintained by field personnel as outlined in the QA/QC.

3.2 SAMPLE HANDLING AND ANALYSIS

3.2.1 Chain-of Custody Procedures

Each sample collected for analysis will be recorded on a Chain-of-Custody form. If an error is made while completing the multi-part form, a single line is drawn through the error and initially by field personnel. A copy of the completed form is maintained by field personnel once transfer of custody of the samples is documented by signing of release by field personnel. The Chain-of-Custody form accompanies the samples during shipment to the laboratory and each transfer of custody is documented. Further detail pertaining to acceptable COC procedures is provided in the ASTM guidance document D4840-99. *Standard Guide for Sample Chain-of-Custody Procedures*[16].

3.2.2 Sample Packaging and Shipment

Samples will be packaged and shipped according to requirements provided in the QA/QC.

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3.2.3 Sample Containers, Holding Times and Preservation

Requirements pertaining to sample containers. sample holding times and sample preservation are provided in the QA/QC.

3.2.4 Sampling QA/QC Protocols

Field QA/QC samples will be collected and analyzed as part of all field sampling activities. The protocols to be followed for collection of field QA/QC samples are provided in the QA/QC. The sample identifier numbers for QA/QC samples are outline in the QA/QC.

4.0 QUALITY ASSURANCE PROJECT PLAN

The Quality Assurance – Quality Control Plan (QA/QC), provided as part of the IRM Work Plan is being prepared in conjunction with the Sampling and Analysis Plan (SAP) detailing activities to be undertaken as part of the interim remedial measures at the Fashion Cleaners Site.

APPENDIX D

Quality Assurance/Quality Control - DUSR

INTERIM REMEDIAL MEASURES
QUALITY ASSURANCE/QUALITY CONTROL - DUSR

FASHION CLEANERS
641 EAST PARK AVENUE
LONG BEACH, NEW YORK 11561

September 2010
NYSDEC Site Code # 130170
Order of Consent # A1-0589-0507
***LEA* PROJECT # 08-408**

QUALITY ASSURANCE/QUALITY CONTROL - DUSR
FOR USE DURING INTERIM REMEDIAL MEASURES

Laurel Environmental Associates, Ltd. (LEA) considers the quality and accuracy of all of our reports to be of the utmost importance. To achieve this goal, all reports are peer reviewed and corrected. Final reviews are completed by the project manager and finally by an officer of the company, who co-signs all reports.

Laboratory analysis will be completed by a NYSDOH Certified Laboratory; specifically CHEMTECH, CLP and ELAP certified, #11376. All samples will be hand delivered under strict chain of custody procedures. The laboratory's Quality Assurance/Quality Control (QA/QC) manual has been reviewed and kept on file.

Additional quality assurance protocol will be implemented should the need arise, this includes but is not limited to the following:

- The Project Manager will ensure that there are suitable and verifiable data results from sampling and analysis. To achieve this objective the quality assurance procedures detailed in this section will be followed for all sampling and laboratory analysis activities. The person responsible for conducting the investigation and/or remediation will consult with NYSDEC during the development of the work plan to determine whether a site Quality Assurance Officer (QAO) will be required.
- The QAO will review sampling procedures and certify that the data was collected and analyzed using the appropriate procedures. The QAO may not have any responsibilities specific to the collection and analysis of samples from the site for which they are the QAO. The qualifications of a QAO are included in the Work Plan. The QAO will perform the Data Validation and Data Acceptance associated with this project in accordance with the Draft DER-10 DUSR Technical Guidance for Site Investigation and Remediation, December 2002 – Appendix 2B, Guidance for Data Deliverables and the Development of Data Usability Summary Reports. The QAO will perform the Data Quality Assessment in accordance with Section 5 of this document. The Data Validation and Data Usability will encompass Completeness, Compliance and Report Submittal.

I. Certification and data acceptance:

(a) Laboratories performing analyses will conform to the following:

i. For the analysis of any aqueous samples for a parameter or category of parameters for which laboratory certification exists pursuant to NYSDOH ELAP Certification, the laboratory will be certified for that specific parameter or category of parameters pursuant to NYSDOH ELAP Certification;

ii. For the analysis of non-aqueous samples using specific analytical methods contained in the EPA Publication SW-846, "Test Methods for Evaluating Solid Waste", third edition, update IIF, January 1995, as amended and supplemented, for a parameter or category of parameters for which certification exists pursuant to NYSDOH ELAP Certification, the

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laboratory will be certified for that specific parameter or category of parameters pursuant to NYSDOH ELAP Certification or, at a minimum, have obtained temporary approval to analyze regulatory samples pursuant to NYSDOH ELAP Certification.

iii. NYSDOH ELAP does not certify analysis of biological tissue. Laboratories will provide documentation of ability to perform analysis of tissue samples for approval by the DER prior to conducting any tissue analysis.

iv. For analysis of samples where Category B deliverables are required by (e) i. below, NYSDOH ELAP CLP certification is required for the category of parameters to be analyzed for.

(b) Analytical methods:

1. All analytical methods used will be the most current NYSDEC Analytical Services Protocol June 2000. Where possible, the method selected will achieve a detection limit that is below the lowest standard or guidance value that applies to the media being sampled/analyzed for the contaminants that can reasonably be expected to be found.

2. If an analytical method as described in (b)1 above does not exist for a specific contaminant or parameter within a specific matrix, or if an analytical method as described in (b)1 above for a given contaminant or parameter is demonstrated to be inappropriate for the matrix analyzed, or the method cannot achieve a detection limit below the applicable standard or guidance value, then the person responsible for conducting the investigation and/or remediation will:

    i. Select an appropriate method from another source;

    ii. Document the rationale for selecting the method; and

    iii. Develop a standard operating procedure for the method, including a quality control section.

    iv. Exception: it is recognized that the analytical methods for semi-volatile compounds in soil frequently cannot achieve detection limits below SCG levels. In these cases, method 8270 is acceptable irrespective of the detection limit.

3. Methods acceptable to the NYSDEC will be utilized for the determination of the presence of free product in soil or water. Such methods include, without limitation, visual identification of sheens or other visible product, measurable thickness of product on the water table, the use of field instruments, ultraviolet fluorescence, soil-water agitation, centrifuging, and hydrophobic dye testing.

    i. For contaminants that in their pure phase and at standard state conditions (20 degrees Celsius to 25 degrees Celsius and one atmosphere pressure) have densities greater than water, free product will be considered to be present if the contaminant is detected in groundwater at concentrations equal to or greater than one percent of the water solubility of the contaminant if groundwater contains only that organic contaminant. If a mixture of such

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contaminants is present, then the effective water solubility of the contaminant should be estimated for this determination.

4. Except for tissue samples (see 2.1(c) below), gas chromatography methods with a mass spectrometer detector system should be used for analysis of semi-volatile contaminants (exclusive of herbicides, pesticides, and PCBs). Other chromatography methods (liquid chromatography, HPLC) with appropriate detector systems should be used for the analysis of organic analytes amenable only to non-gas chromatographic methods. A mass spectrometer detector system is not required if the site has already been characterized to the extent that all contaminants are known.

(c) Specific requirements:

1. Laboratories will follow all quality assurance/quality control procedures specified in the analytical methods.
2. Sampling methods, sample preservation requirements, sample handling times, decontamination procedure for field equipment, and frequency for field blanks, field duplicates and trip blanks will conform to the NYSDEC Analytical Services Protocol, June 2000 (ASP), unless an alternate method/procedure has been approved in the work plan.
3. Results from analysis of soils and sediments will be reported on a dry weight basis, except for those results required by the method to be otherwise reported. Analysis of vegetation tissue shall be on a dry weight basis. All other tissue analysis shall be reported on a wet weight basis.

(d) Sample matrix cleanup:

1. Acceptable sample matrix cleanup methods include, without limitation, those methods contained in the EPA Publication SW846 or the EPA "Contract Laboratory Statement of Work for Organics Analysis, Multi-Media, Multi-Concentration" in effect as of the date of sample analysis.
2. Sample matrix cleanup methods will be performed if:
    i. Petroleum contaminated soils, sediments, or other solids are analyzed for semi-volatile organics, and the method detection limits are elevated above the applicable remediation standard because of matrix interference;
    ii. Gas chromatographic peaks are not adequately separated due to matrix interference. A peak will be considered inadequately separated when a rise in baseline or extraneous peaks interfere with:
        (1) the instrumental ability to correctly identify compounds present (including internal standards and surrogates), and/or;
        (2) the integration of peak area and subsequent quantitation;
    iii. So specified by the analytical method; or
    iv. Matrix interferences prevent accurate quantification and/or identification of target compounds.

(e) Unless otherwise approved in advance by the NYSDEC, laboratory data deliverables will be as follows:

1. Category B laboratory data deliverables as defined in the analytical services protocol (ASP June 2000) should be submitted for confirmatory (post remediation) samples and final delineation samples for all sites except those listed in section 5.5. In addition, a Data Usability Summary Report should be prepared by a party independent from the laboratory performing the analysis.
2. Category A (as defined in the ASP) or Category Spills laboratory data deliverables should be submitted for all other analyses; and
3. Analytical results without all quality control documentation and raw data may be provided for all intermediate sampling events and for all long-term groundwater monitoring samples where the site has NYSDEC oversight, provided the following information is submitted:
    i. A cover page, including facility name and address, laboratory name and address, laboratory certification number, if applicable, date of analytical report preparation and signature of laboratory director;
    ii. A listing of all field sample identification numbers and corresponding laboratory sample identification numbers;
    iii. A listing of all analytical methods used, including matrix cleanup method;
    iv. The method detection limit and practical quantitation level for each analyte for each sample analysis;
    v. All sample results including date of analysis;
    vi. All method blank results; and
    vii. All chain of custody documentation.
4. Upon written request, the NYSDEC may require that deliverables package be upgraded to a "Category B" data deliverables package for any sample analysis. If the backup documentation is not available to generate “Category B” deliverables or that the lab is not qualified to generate “Category B” deliverables (not ELAP-CLP lab), reanalysis or re-sampling and analysis is an option.
5. Identify any analytical cleanup methods, where applicable.

(f) Field screening methods, (such as immunoassay, x-ray fluorescence, and mobile laboratories) are limited as follows:

1. Field screening methods for all sampling matrices (soil, water, air, interior surfaces) will only be used under the following conditions:
    i. For contaminant delineation if contaminant identity is known or if there is reasonable certainty that a specific contaminant may be present (for example, benzene, toluene, ethylbenzene, xylene in the case of sampling for a gasoline release); or
    ii. To bias sample location to the location of greatest suspected contamination.
2. Field screening methods will not be used to verify contaminant identity or clean zones unless

there has been a correlation study approved in advance by the NYSDEC for the specific site where screening methods are proposed for verification.

3. Where field screening is used:

i. A standard operating procedure must exist or be developed which includes:

(1) A detailed step by step procedure for the analysis method.

(2) Duplicate analysis of 10% of the samples.

(3) Quality assurance procedures (calibration standards, blanks, etc.) As specified by the method.

(4) Laboratory confirmation on 10% of the samples by a standard ASP method is required. There should be no bias in the selection of duplicate or laboratory confirmation samples, such as selecting positive detections for duplication or confirmation. The duplicate or confirmation analysis should be done on every 10^{th} sample, selected in the order they are presented for analysis. Laboratory confirmation occurs if the correlation between field screening and laboratory results are within +/- 30%.

ii. Analysis must be done by a Field Analyst with the following minimum qualifications:

(1) Completion of a certification course or training by an experienced analyst who has demonstrated proficiency in the method; or,

(2) Demonstration of the analyst's proficiency by correlation of the analyst's results with laboratory confirmation analysis.

3. Other field screening methods may be utilized, subject to the NYSDEC review of documentation.

(g) The following requirements apply for selection of analytical parameters:

1. Samples from each area of concern will be analyzed for contaminants which may be present.
2. Analysis of Target Compound List plus 30/Target Analyte List (TCL+30/TAL), petroleum hydrocarbons, and pH will be conducted when contaminants in an area are unknown or not well documented, although a limited contaminant list may be used subject to the NYSDEC approval.

i. For all petroleum storage and discharge areas, sample analysis will be conducted pursuant to the requirements of STARS #1" Petroleum Contaminated Soil Guidance Policy." Samples taken in non-petroleum storage and discharge areas should be analyzed for the stored material. Analysis should be conducted using any gas chromatography method by a laboratory that is certified pursuant to NYSDOH ELAP for the category of parameters being analyzed for. Laboratory deliverables should be as specified in the method listed above.

(h) If tentatively identified compounds or unknown compounds are detected at concentrations in excess of the applicable SCG, they will be addressed in either of two ways listed below.

(i) If a contaminant specific SCG does not exist for tentatively identified compounds and for unknown

compounds, the generic SCG (class of contaminant, e.g. semi volatile compounds) will be used.

1. If the area will be remediated and it is likely that concentration of the tentatively identified compounds/unknown compounds will be reduced by the remediation, the tentatively identified compounds/unknown compounds will be analyzed in post remediation samples to document that they no longer exceed the applicable SCG.
2. An attempt should be made to positively identify and accurately quantify the tentatively identified compounds/unknown compounds using an analytical method consistent with this section so that a remediation standard can be developed.

2.2 Quality assurance project plan

(a) All work plans will address quality assurance procedures. A generic QAPP may be submitted in advance for sampling using a dynamic work plan. These procedures may be incorporated into the work plan or be supplied as a separate stand alone document. If a separate QAPP, is required, the sampling requirements must also be shown in the work plan. The person responsible for conducting the investigation and/or remediation will submit necessary information in a format that corresponds directly to the outline of this section. For ease of reading, QAPP means the section or document that addresses how data will be quality assured. For large, complicated sites, the NYSDEC may require a separate QAPP. The following should be included in the Quality Assurance Project Plan:

1. The project's scope and project goals as well as how the project relates to the overall site investigation or remediation strategy;
2. Project organization, including the designation of a Project Manager, Quality Assurance Officer and Field Analyst, (if field analysis is planned). Resumes of these individuals may be requested by the NYSDEC;
3. Sampling procedures and equipment decontamination procedures;
4. Site map showing sample locations;
5. An "Analytical Methods/Quality Assurance Summary Table" which should include the following information for all environmental, performance evaluation, and quality control samples:
    i. Matrix type;
    ii. Number or frequency of samples to be collected per matrix;
    iii. Number of field and trip blanks per matrix;
    iv. Analytical parameters to be measured per matrix;
    v. Analytical methods to be used per matrix
    vi. The number and type of matrix spike and matrix spike duplicate samples to be collected;
    vii. The number and type of duplicate samples to be collected;
    vii. Summary Table
    viii. The number and type of split samples to be collected;
    ix. The number and type of performance evaluation samples to be analyzed;

x. Sample preservation to be used per analytical method and sample matrix;
xi. Sample container volume and type to be used per analytical method and sample matrix; and
xii. Sample holding time to be used per analytical method and sample matrix;

6. A detailed description of site specific sampling methods to be used, sample storage in the field and sampling handling time requirements;
7. If required by the NYSDEC, a description of the laboratories ability to provide the analytical data in electronic format.

2.3 Quality assurance glossary

"Analytical Services Protocol" or "ASP" means the NYSDEC's compendium of approved EPA and NYSDEC laboratory methods for sample preparation and analysis and data handling procedures, June 2000.

- "Confirmatory Sample" means a sample taken after remedial action is expected to be complete to verify that the cleanup requirements have been met. This term has the same meaning as "post remediation sample".
- "Contract laboratory program" or "CLP" means a program of chemical analytical services developed by the EPA to support CERCLA.
- "Data Usability Summary Report, (DUSR)" is a document that provides a thorough evaluation of the analytical data to determine whether or not the data, as presented, meets the site/project specific criteria for data quality and use. Renee G. Cohen, of Premier Environmental Services, Merrick, New York, will perform organic and inorganic data validation according to the various protocols from the USEPA EPA CLP, NYS ASP and USEPA test methods for the evaluation of solid waste, methods for the chemical analysis of water and waste and the federal register.
- "Effective solubility" means the theoretical aqueous solubility of an organic constituent in groundwater that is in chemical equilibrium with a separate phase mixed product (product containing several organic chemicals). The effective solubility of a particular organic chemical can be estimated by multiplying its mole fraction in the product mixture by its pure phase solubility.
- "Environmental Laboratory Accreditation Program" or "ELAP" means a program conducted by the NYSDOH which certifies environmental laboratories through on-site inspections and evaluation of principles of credentials and proficiency testing.
- "Intermediate Sample" means a sample taken during the investigation process that will be followed by another sampling event to confirm that remediation was successful or to confirm that the extent of contamination has been defined to below a level of concern.
- "Method detection limit" or "MDL" means the minimum concentration of a substance that can be measured and reported with a 99 percent confidence that the analyte concentration is greater than zero and is determined from the analysis of a sample in a given matrix containing the analyte.

- “Non-targeted compound" means a compound detected in a sample using a specific analytical method that is not a targeted compound, a surrogate compound, a system monitoring compound or an internal standard compound.
- "Practical quantitation level" or "PQL" means the lowest quantitation level of a given analyte that can be reliably achieved among laboratories within the specified limits of precision and accuracy of a given analytical method during routine laboratory operating conditions.
- “PAH” means polycyclic aromatic hydrocarbon as defined by USEPA Method 8270.
- "Quality assurance" means the total integrated program for assuring the reliability of monitoring and measurement data which includes a system for integrating the quality planning, quality assessment and quality improvement efforts to meet data end-use requirements.
- "Quality assurance project plan" or “QAPP” means a document which presents in specific terms the policies, organization, objectives, functional activities and specific quality assurance/quality control activities designed to achieve the data quality goals or objectives of a specific project or operation.
- "Quality control" means the routine application of procedures for attaining prescribed standards of performance in the monitoring and measurement process.
- “Semi-volatile organic compound” means compounds amenable to analysis by extraction of the sample with an organic solvent. For the purposes of this section, semi-volatiles are those target compound list compounds identified in the statement of work in the current version of the EPA Contract Laboratory Program.
- "Target analyte list" or "TAL" means the list of inorganic compounds/elements designated for analysis as contained in the version of the EPA Contract Laboratory Program Statement of Work for Inorganics Analysis, Multi-Media, Multi-Concentration in effect as of the date on which the laboratory is performing the analysis. For the purpose of this chapter, a Target Analyte List scan means the analysis of a sample for Target Analyte List compounds/elements.
- "Targeted compound" means a hazardous substance, hazardous waste, or pollutant for which a specific analytical method is designed to detect that potential contaminant both qualitatively and quantitatively.
- "Target compound list plus 30" or "TCL+30" means the list of organic compounds designated for analysis (TCL) as contained in the version of the EPA "Contract Laboratory Program Statement of Work for Organics Analysis, Multi-Media, Multi-Concentration" in effect as of the date on which the laboratory is performing the analysis, and up to 30 non-targeted organic compounds (plus 30) as detected by gas chromatography/mass spectroscopy (GC/MS) analysis. For the purposes of this chapter, a Target Compound List+30 scan means the analysis of a sample for Target Compound List compounds and up to 10 non-targeted volatile organic compounds and up to 20 non-targeted semi volatile organic compounds using GC/MS analytical methods. Non-targeted compound criteria should be pursuant to the version of the EPA "Contract Laboratory Program Statement of Work for Organics Analysis, Multi-Media, Multi-Concentration" in effect as of the date on which the laboratory is performing the analysis.
- "Tentatively identified compound" or "TIC" means a non-targeted compound detected in a

sample using a GC/MS analytical method which has been tentatively identified using a mass spectral library search. An estimated concentration of the TIC is also determined.

- "Unknown compound" means a non-targeted compound which cannot be tentatively identified. Based on the analytical method used, the estimated concentration of the unknown compound may or may not be determined.
- "Volatile organics" means organic compounds amenable to analysis by the purge and trap technique. For the purposes of this chapter, analysis of volatile organics means the analysis of a sample for either those priority pollutants listed as amenable for analysis using EPA method 624 or those target compounds identified as volatiles in the version of the EPA "Contract Laboratory Program Statement of Work for Organics Analysis, Multi-Media, Multi-Concentration" in effect as of the date on which the laboratory is performing the analysis.
- “Waste oil” means used and/or reprocessed engine lubricating oil and/or any other used oil, including but not limited to: fuel oil, engine oil, gear oil, cutting oil, transmission fluid, oil storage tank residue.

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SPECIFIC QA/QC MEASURES FOR FASHION CLEANERS

Laurel Environmental Associates, Ltd. considers the quality and accuracy of all of our reports to be of the utmost importance. To achieve this goal, all reports are peer reviewed and corrected. Final reviews are completed by the project manager and finally by an officer of the company, who co-signs all reports.

Laboratory analysis will be completed by a NYSDOH Certified Laboratory; specifically CHEMTECH, ID #11376. All samples will be hand delivered under strict chain of custody procedures. The laboratory's QA/QC manual has been reviewed and kept on file.

To ensure that cross contamination of samples or wells does not occur, the decontamination of field equipment including hollow stem auger, split spoons, *Teflon* bailers, hand augers, soil vapor probes, etc. follows protocols outlined in each job's specifications sheet. Field blanks and/or equipment blanks are collected and submitted when sampling groundwater. Upon receipt of the analytical results by ***LEA***, a thorough review is completed to check for inconsistencies or lab contaminants.

Field Activities, QA/QC

Each sample collected for analysis will be recorded on a Chain-of-Custody form. If an error is made while completing the multi-part form, a single line is drawn through the error and initially by field personnel. A copy of the completed form is maintained by field personnel once transfer of custody of the samples is documented by signing of release by field personnel. The Chain-of-Custody form accompanies the samples during shipment to the laboratory and each transfer of custody is documented. Further detail pertaining to acceptable COC procedures is provided in the ASTM guidance document D4840-99. *Standard Guide for Sample Chain-of-Custody Procedures16*.

All field instrumentation will be operated and calibrated in accordance with the manufacturer's recommended methods. Measurements collected using the field instrumentation will be recorded on appropriate data forms.

A quality assurance field audit check list will be completed by the QC Field Officer during the field investigation. A checklist is based on USEPA 330/9-81-003R, 1984, used in conjunction with maintaining a field log, will document all critical field activities and events. In addition, it will insure that procedures such as calibration of field instruments is completed. A copy of the completed quality assurance field audit check list along with completed data forms will be incorporated into the report.

The following discussions are for the completion of various field tasks:

Field Log Book

The field log will be maintained by ***LEA*** personnel during all field activities to document all pertinent daily occurrences such as, but not limited to, the following:

- Site conditions and weather
- Personnel present
- Sample locations/methodologies
- Sampling times
- Drilling/sampling progress
- Well construction diagrams
- PID data
- Unforeseen events/delays

Labeling and Storing Samples

Samples selected for laboratory analysis will be placed in appropriate laboratory supplied containers. All sample containers will be properly labeled, labels will contain the following information:

- Time of collection
- Date of collection
- Sample location designation
- Preservative, if any
- Sampler's name
- Intended analysis
- Container serial number

Samples will be carefully placed in a laboratory-supplied cooler containing ice or "ice packs" as soon as possible.

Chain-of-Custody

In order to track all persons handling samples, ***LEA*** and laboratory personnel will maintain chain-of-custody forms for each sample collected. After a sample has been collected, a chain-of-custody form will be completed and signed by the person collecting the sample. The original of the form will remain with the sample and will be signed each time the sample is relinquished to another party, until it reaches the laboratory or analysis is completed. The field sampler will keep one copy and a copy will be retained for the project file. Chain of Custody will contain, at a minimum, with the following information:

- Sampler's name/company
- Sample number and location
- Analysis to be performed
- Date/time

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TABLE I

INTERIOR ENDPOINT SAMPLING AND ANALYSIS SUMMARY

Matrix	Type	Analyses	Analytical Method	Number of Anticipated Samples	Container and Preservation	Analysis Holding Time
Soil	Endpoint Grab Sample	TCL Volatiles	8260B	8	4 oz. Glass, Cool 4°C	14 Days
Soil	Duplicate Endpoint Grab Sample	TCL Volatiles	8260B	2	4 oz. Glass, Cool 4°C	14 Days
Water	Trip Blank	TCL Volatiles	8260B	1 per cooler	2 40ml Glass Vials	14 Days
Water	Field Blank	TCL Volatiles	8260B	1 per sampling tool/media	2 40ml Glass Vials	14 Days
Water	Temperature Blank	NA	NA	1 per cooler	2 40ml Glass Vials	Upon Laboratory Receipt

TCL - Target Compound List

NA - Not Applicable

TABLE II

REAR COURTYARD ENDPOINT SAMPLING AND ANALYSIS SUMMARY

Matrix	Type	Analyses	Analytical Method	Number of Anticipated Samples	Container and Preservation	Analysis Holding Time
Soil	Endpoint Grab Sample	TCL Volatiles	8260B	10	4 oz. Glass, Cool 4°C	14 Days
Soil	Duplicate Endpoint Grab Sample	TCL Volatiles	8260B	1	4 oz. Glass, Cool 4°C	14 Days
Water	Trip Blank	TCL Volatiles	8260B	1 per cooler	2 40ml Glass Vials	14 Days
Water	Field Blank	TCL Volatiles	8260B	1 per sampling tool/media	2 40ml Glass Vials	14 Days
Water	Temperature Blank	NA	NA	1 per cooler	2 40ml Glass Vials	Upon Laboratory Receipt

TCL - Target Compound List

NA - Not Applicable

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TABLE III

BACKFILL SAMPLING AND ANALYSIS SUMMARY

Matrix	Type	Analyses	Analytical Method	Number of Anticipated Samples	Container and Preservation	Analysis Holding Time
Soil	Composite Sample	TCL Volatiles	8260B	1	4 oz. Glass, Cool 4°C	14 Days
Soil	Composite Sample	TCL Semi-Volatiles	8270C	1	8 oz. Glass, Cool 4°C	14 Days
Soil	Composite Sample	TCL Pesticides	8082	1	8 oz. Glass, Cool 4°C	14 Days
Soil	Composite Sample	TAL Metals	6010B	1	4 oz. Glass, Cool 4°C	180 Days
Soil	Composite Sample	Cyanide	4500	1	4 oz. Glass, Cool 4°C	14 Days
Water	Trip Blank	TCL Volatiles	8260B	1 per cooler	2 40ml Glass Vials	14 Days
Water	Field Blank	TAL Metals	6010B	1 per sampling tool/media	2 40ml Glass Vials	14 Days
Water	Temperature Blank	NA	NA	1 per cooler	2 40ml Glass Vials	Upon Laboratory Receipt

TCL - Target Compound List

TAL - Target Analyte List

NA - Not Applicable

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TABLE III

WASTE CHARACTERIZATION SAMPLING AND ANALYSIS SUMMARY

Matrix	Type	Analyses	Analytical Method	Number of Anticipated Samples	Container and Preservation	Analysis Holding Time
Soil	Composite Sample	TCLP Volatiles	1311	1	4 oz. Glass, Cool 4°C	14 Days
Soil	Composite Sample	TCLP SVOCs	1311	1	8 oz. Glass, Cool 4°C	14 Days
Soil	Composite Sample	TCLP Metals	1311	1	4 oz. Glass, Cool 4°C	14 Days
Soil	Composite Sample	Reactivity to Sulfide	7.3.4.2	1	8 oz. Plastic, Cool 4°C	14 Days
Soil	Composite Sample	Reactivity to Cyanide	7.3.3.2	1	8 oz. Plastic, Cool 4°C	14 Days
Soil	Composite Sample	Corrosivity	1110	1	8 oz. Plastic, Cool 4°C	14 Days
Soil	Composite Sample	Flammability (Ignitability)	1010	1	8 oz. Plastic or Glass, Cool 4°C	Not Regulated
Water	Trip Blank	NA	NA	NA	NA	NA
Water	Field Blank	NA	NA	NA	NA	NA
Water	Temperature Blank	NA	NA	1 per cooler	2 40ml Glass Vials	Upon Laboratory Receipt

TCLP - Toxicity Characteristic Leaching Procedure

NA - Not Applicable

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QUALITY CONTROL (QC) CHECK SUMMARY

Quality Control (QC) Checks	***Minimum Frequency***
Field Blank (FB)[1]	1 per matrix per parameter per day of sample collection (minimum 5% frequency)
Rinsate Blank (RB)	1 per matrix per fraction per piece (or related pieces) of sampling equipment, per day of sample collection (minimum 5% frequency)
Trip Blank (TB)	1 per cooler (volatiles only)
Blind Field Duplicate (DUP)	1 per matrix per parameter per 20 samples
Matrix Spike (MS)	1 per matrix per 20 samples or SDG
Matrix Spike Duplicate (MSD)	1 per matrix per 20 samples or SDG (organics only)
Matrix Duplicate (MD)	1 per matrix per 20 samples or SDG (inorganics only)
Laboratory Control Sample (LCS) or Blank Spike Sample (BS)	1 per analytical batch not to exceed 20 samples
Surrogate Compound Spike	Every analytical run (organics only)
Method (Preparation) Blank (MB)	1 per 20 samples or prep/analysis batch per SDG

Notes:
- Field blanks are obtained in place of rinsate blanks in cases where disposable sampling equipment is used.
- SDG = Sample Delivery Group

Laboratory QA/QC

The selected laboratory, CHEMTECH, will be completing the chemical analysis of samples in strict accordance with protocols set forth in NYSDEC Analytical Services Protocols, (ASP), June, 2000, or other state or federal agency protocols, where necessary. Specific analytical methods are provided in are provided in each report. Where necessary, reporting and deliverables (data package) will be completed in accordance with ASP Category B requirements, the reporting and deliverables document will be submitted as an appendix to the report. See following tables for an analyte list with laboratory QA/QC Objectives:

CHEMTECH		8260	
Compound	Units	RDL	MDL
1,1,1,2-Tetrachloroethane	ug/kg	5.0	0.43
1,1,1-Trichloroethane	ug/kg	5.0	0.88
1,1,2,2-Tetrachloroethane	ug/kg	5.0	0.46
1,1,2-Trichloroethane	ug/kg	5.0	0.90
1,1,2-Trichlorotrifluoroethane	ug/kg	5.0	1.33
1,1-Dichloroethane	ug/kg	5.0	0.94
1,1-Dichloroethene	ug/kg	5.0	1.47
1,1-Dichloropropene	ug/kg	5.0	0.46
1,2,3-Trichlorobenzene	ug/kg	5.0	0.50
1,2,3-Trichloropropane	ug/kg	5.0	0.49
1,2,4-Trichlorobenzene	ug/kg	5.0	0.70
1,2,4-Trimethylbenzene	ug/kg	5.0	0.50
1,2-Dibromo-3-Chloropropane	ug/kg	5.0	0.87
1,2-Dibromoethane	ug/kg	5.0	0.64
1,2-Dichlorobenzene	ug/kg	5.0	0.62
1,2-Dichloroethane	ug/kg	5.0	0.64
1,2-Dichloropropane	ug/kg	5.0	0.26
1,3,5-Trimethylbenzene	ug/kg	5.0	0.45
1,3-Dichlorobenzene	ug/kg	5.0	0.37
1,3-Dichloropropane	ug/kg	5.0	0.74
1,4-Dichlorobenzene	ug/kg	5.0	0.41
2,2-Dichloropropane	ug/kg	5.0	1.04
2-Butanone	ug/kg	25.0	3.11
2-Chloroethyl vinyl ether	ug/kg	25.0	11.51
2-Chlorotoluene	ug/kg	5.0	0.74
2-Hexanone	ug/kg	25.0	3.92
4-Chlorotoluene	ug/kg	5.0	0.62
4-Methyl-2-Pentanone	ug/kg	25.0	2.92
Acetone	ug/kg	25.0	3.02
Acrolein	ug/kg	25.0	3.98
Acrylonitrile	ug/kg	25.0	4.91
Benzene	ug/kg	5.0	0.38
Bromobenzene	ug/kg	5.0	0.52
Bromochloromethane	ug/kg	5.0	0.79
Bromodichloromethane	ug/kg	5.0	0.62
Bromoform	ug/kg	5.0	0.74
Bromomethane	ug/kg	5.0	2.45
Carbon disulfide	ug/kg	5.0	1.06
Carbon Tetrachloride	ug/kg	5.0	0.99
Chlorobenzene	ug/kg	5.0	0.50
Chloroethane	ug/kg	5.0	1.40
Chloroform	ug/kg	5.0	0.74
Chloromethane	ug/kg	5.0	0.86
cis-1,2-Dichloroethene	ug/kg	5.0	0.89
cis-1,3-Dichloropropene	ug/kg	5.0	0.72
Cyclohexane	ug/kg	5.0	1.01
Dibromochloromethane	ug/kg	5.0	0.54

Dibromomethane	ug/kg	5.0	0.78
Dichlorodifluoromethane	ug/kg	5.0	0.65
Diethyl ether	ug/kg	5.0	1.92
Ethyl Benzene	ug/kg	5.0	0.62
Hexachlorobutadiene	ug/kg	5.0	0.79
Hexachloroethane	ug/kg	5.0	0.76
Isopropylbenzene	ug/kg	5.0	0.48
m/p-Xylenes	ug/kg	10.0	0.72
Methyl Acetate	ug/kg	5.0	1.51
Methyl methacrylate	ug/kg	5.0	0.70
Methyl tert-butyl Ether	ug/kg	5.0	0.96
Methyl cyclohexane	ug/kg	5.0	1.06
Methylene Chloride	ug/kg	5.0	1.42
Naphthalene	ug/kg	5.0	0.45
n-Butylbenzene	ug/kg	5.0	0.46
N-propylbenzene	ug/kg	5.0	0.36
o-Xylene	ug/kg	5.0	0.68
p-Isopropyltoluene	ug/kg	5.0	0.29
Sec-butylbenzene	ug/kg	5.0	0.52
Styrene	ug/kg	5.0	0.45
t-1,3-Dichloropropene	ug/kg	5.0	0.79
Tert butyl alcohol	ug/kg	25.0	7.41
tert-Butylbenzene	ug/kg	5.0	0.59
Tetrachloroethene	ug/kg	5.0	1.01
Toluene	ug/kg	5.0	0.64
trans-1,2-Dichloroethene	ug/kg	5.0	0.69
Trichloroethene	ug/kg	5.0	0.86
Trichlorofluoromethane	ug/kg	5.0	1.32
Vinyl Acetate	ug/kg	25.0	3.47
Vinyl chloride	ug/kg	5.0	1.23

Data Validation

Data validation will be performed by Renee G. Cohen, of Premier Environmental. The data validation process will be completed by Ms. Cohen, a qualified independent consultant, and will consist of data editing, screening, auditing, certification, review, and interpretation. The selected laboratory, Chemtech, will submit results and ASP Category B reportings and deliverables to the data validator to enable the validator to conclusively determine the quality of the data.

Data Quality Control Objectives

To insure that generated data is of good quality and meet the stated job specific quality objectives, data quality controls must be provided. Quality control elements include sensitivity, precision, accuracy, representativeness and completeness. The data quality control objectives for the remaining contaminants to be tested for will be in accordance with ASP or other protocols. The following are descriptions of the above listed quality control objectives:

Sensitivity:

The required sensitivity of data will be the stated job specific quantitation limits. The TCL quantitation limits will sufficiently meet stated data quality objectives.

Precision:

Primarily determined from the relative percent difference (RPD) of Matrix Spike (MS) and Matrix Spike Duplicate (MSD) recoveries.

Accuracy:

The accuracy objectives for this project require that all matrix spike and surrogate spike recoveries fall within the ASP required recovery limits.

Completeness:

The completeness objectives of this project will require that at a minimum 90% of the QA/QC data meet given quality assurance objectives previously stated. Where data does not meet the requirements, an explanation or justification for the failure will be given and, if necessary, corrective action such as repeat sampling and analysis may be conducted as necessary.

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CHEMTECH Laboratory Certification:

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.

Expires 12:01 AM April 01, 2011
Issued April 01, 2010

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE
Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. DIVYAJIT MEHTA
CHEMTECH
284 SHEFFIELD STREET
MOUNTAINSIDE, NJ 07092

NY Lab Id No: 11376
EPA Lab Code:

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards for the category ENVIRONMENTAL ANALYSES POTABLE WATER All approved analytes are listed below:

Disinfection By-products	
Chlorate	EPA 300.0 Rev. 2.1
Free Residual Chlorine	SM 18-21 4500-Cl G (00)
Total Residual Chlorine	SM 18-21 4500-Cl G (00)
Drinking Water Metals I	
Arsenic, Total	EPA 200.8 Rev. 5.4
Barium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Cadmium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Copper, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Iron, Total	EPA 200.7 Rev. 4.4
Lead, Total	EPA 200.8 Rev. 5.4
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Mercury, Total	EPA 245.1 Rev. 3.0
Selenium, Total	EPA 200.8 Rev. 5.4
Silver, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Zinc, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Drinking Water Metals II	
Aluminum, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Antimony, Total	EPA 200.8 Rev. 5.4
Drinking Water Metals II	
Beryllium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Thallium, Total	EPA 200.8 Rev. 5.4
Drinking Water Metals III	
Calcium, Total	EPA 200.7 Rev. 4.4
Magnesium, Total	EPA 200.7 Rev. 4.4
Sodium, Total	EPA 200.7 Rev. 4.4
Drinking Water Miscellaneous	
Odor	SM 18-20 2150B (97)
Organic Carbon, Total	SM 18-21 5310B (00)
Perchlorate	EPA 314.0
	EPA 331.0
Surfactant (MBAS)	SM 18-21 5540C (00)
Temperature	SM 18-21 2550B (00)
Turbidity	EPA 180.1 Rev. 2.0
	SM 18-21 2130 B (01)
Drinking Water Non-Metals	
Alkalinity	SM 18-21 2320B (97)
Calcium Hardness	EPA 200.7 Rev. 4.4
Chloride	EPA 300.0 Rev. 2.1
Color	SM 18-21 2120B (01)
Fluoride, Total	EPA 300.0 Rev. 2.1
Hydrogen Ion (pH)	SM 18-21 4500-H B (00)
Nitrate (as N)	EPA 300.0 Rev. 2.1
Nitrite (as N)	EPA 300.0 Rev. 2.1

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All approved analytes are listed below:

Drinking Water Non-Metals	
Orthophosphate (as P)	EPA 300.0 Rev. 2.1
	SM 18-21 4500-P E
Solids, Total Dissolved	SM 18-21 2540C (97)
Specific Conductance	SM 18-21 2510B (97)
Sulfate (as SO4)	EPA 300.0 Rev. 2.1
	SM 18-21 4500-SO4 E (97)
Drinking Water Trihalomethanes	
Bromoform	EPA 524.2
Chloroform	EPA 524.2
Dibromochloromethane	EPA 524.2
Total Trihalomethanes	EPA 524.2
Volatile Aromatics	
1,2,3-Trichlorobenzene	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2
1,3,5-Trimethylbenzene	EPA 524.2
1,3-Dichlorobenzene	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2
2-Chlorotoluene	EPA 524.2
4-Chlorotoluene	EPA 524.2
Benzene	EPA 524.2
Bromobenzene	EPA 524.2
Chlorobenzene	EPA 524.2
Ethyl benzene	EPA 524.2
Hexachlorobutadiene	EPA 524.2
Isopropylbenzene	EPA 524.2
Volatile Aromatics	
n-Butylbenzene	EPA 524.2
n-Propylbenzene	EPA 524.2
p-Isopropyltoluene (P-Cymene)	EPA 524.2
sec-Butylbenzene	EPA 524.2
Styrene	EPA 524.2
tert-Butylbenzene	EPA 524.2
Toluene	EPA 524.2
Total Xylenes	EPA 524.2
Volatile Halocarbons	
1,1,1,2-Tetrachloroethane	EPA 524.2
1,1,1-Trichloroethane	EPA 524.2
1,1,2,2-Tetrachloroethane	EPA 524.2
1,1,2-Trichloroethane	EPA 524.2
1,1-Dichloroethane	EPA 524.2
1,1-Dichloroethene	EPA 524.2
1,1-Dichloropropene	EPA 524.2
1,2,3-Trichloropropane	EPA 524.2
1,2-Dichloroethane	EPA 524.2
1,2-Dichloropropane	EPA 524.2
1,3-Dichloropropane	EPA 524.2
2,2-Dichloropropane	EPA 524.2
Bromochloromethane	EPA 524.2
Bromomethane	EPA 524.2
Carbon tetrachloride	EPA 524.2
Chloroethane	EPA 524.2
Chloromethane	EPA 524.2
cis-1,2-Dichloroethene	EPA 524.2
cis-1,3-Dichloropropene	EPA 524.2

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All approved analytes are listed below:

Volatile Halocarbons

Dibromomethane	EPA 524.2
Dichlorodifluoromethane	EPA 524.2
Methylene chloride	EPA 524.2
Tetrachloroethene	EPA 524.2
trans-1,2-Dichloroethene	EPA 524.2
trans-1,3-Dichloropropene	EPA 524.2
Trichloroethene	EPA 524.2
Trichlorofluoromethane	EPA 524.2
Vinyl chloride	EPA 524.2

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Acrylates	
Acrolein (Propenal)	EPA 8015 B
	EPA 8260B
Acrylonitrile	EPA 8260B
Amines	
2-Nitroaniline	EPA 8270C
3-Nitroaniline	EPA 8270C
4-Chloroaniline	EPA 8270C
4-Nitroaniline	EPA 8270C
Aniline	EPA 8270C
Carbazole	EPA 8270C
Propionitrile	EPA 8015 B
Pyridine	EPA 625
	EPA 8270C
Benzidines	
3,3'-Dichlorobenzidine	EPA 625
	EPA 8270C
Benzidine	EPA 625
	EPA 8270C
Chlorinated Hydrocarbon Pesticides	
4,4'-DDD	EPA 608
	EPA 8081A
4,4'-DDE	EPA 608
	EPA 8081A
4,4'-DDT	EPA 608
	EPA 8081A
Aldrin	EPA 608
	EPA 8081A

Chlorinated Hydrocarbon Pesticides	
alpha-BHC	EPA 608
	EPA 8081A
alpha-Chlordane	EPA 8081A
beta-BHC	EPA 608
	EPA 8081A
Chlordane Total	EPA 608
	EPA 8081A
delta-BHC	EPA 608
	EPA 8081A
Dieldrin	EPA 608
	EPA 8081A
Endosulfan I	EPA 608
	EPA 8081A
Endosulfan II	EPA 608
	EPA 8081A
Endosulfan sulfate	EPA 608
	EPA 8081A
Endrin	EPA 608
	EPA 8081A
Endrin aldehyde	EPA 608
	EPA 8081A
Endrin Ketone	EPA 8081A
gamma-Chlordane	EPA 8081A
Heptachlor	EPA 608
	EPA 8081A
Heptachlor epoxide	EPA 608
	EPA 8081A
Lindane	EPA 608

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Chlorinated Hydrocarbon Pesticides	
Lindane	EPA 8081A
Methoxychlor	EPA 608
	EPA 8081A
Toxaphene	EPA 608
	EPA 8081A
Chlorinated Hydrocarbons	
1,2,4-Trichlorobenzene	EPA 625
	EPA 8270C
2-Chloronaphthalene	EPA 625
	EPA 8270C
Hexachlorobenzene	EPA 625
	EPA 8270C
Hexachlorobutadiene	EPA 625
	EPA 8270C
Hexachlorocyclopentadiene	EPA 625
	EPA 8270C
Hexachloroethane	EPA 625
	EPA 8270C
Chlorophenoxy Acid Pesticides	
2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
Dalapon	EPA 8151A
Dicamba	EPA 8151A
Dinoseb	EPA 8151A
Demand	
Biochemical Oxygen Demand	SM 18-20 5210B (01)
Demand	
Carbonaceous BOD	SM 18-20 5210B (01)
Chemical Oxygen Demand	SM 18-20 5220D (97)
Fuel Oxygenates	
Methyl tert-butyl ether	EPA 8260B
tert-butyl alcohol	EPA 8015 B
	EPA 8260B
Haloethers	
4-Bromophenylphenyl ether	EPA 625
	EPA 8270C
4-Chlorophenylphenyl ether	EPA 625
	EPA 8270C
Bis (2-chloroisopropyl) ether	EPA 625
	EPA 8270C
Bis(2-chloroethoxy)methane	EPA 625
	EPA 8270C
Bis(2-chloroethyl)ether	EPA 625
	EPA 8270C
Microextractables	
1,2-Dibromo-3-chloropropane	EPA 8260B
1,2-Dibromoethane	EPA 8260B
Mineral	
Acidity	ASTM D1067-92 & 02
Alkalinity	SM 18-21 2320B (97)
Chloride	EPA 300.0 Rev. 2.1
	EPA 9056
Fluoride, Total	EPA 300.0 Rev. 2.1

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MOUNTAINSIDE, NJ 07092

NY Lab Id No: 11376
EPA Lab Code:

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Mineral	
Fluoride, Total	EPA 9056
Hardness, Total	EPA 200.7 Rev. 4.4
Sulfate (as SO4)	EPA 300.0 Rev. 2.1
	EPA 9056
	SM 15 426 C
Nitroaromatics and Isophorone	
1,3,5-Trinitrobenzene	EPA 8330
1,3-Dinitrobenzene	EPA 8330
2,4,6-Trinitrotoluene	EPA 8330
2,4-Dinitrotoluene	EPA 625
	EPA 8270C
	EPA 8330
2,6-Dinitrotoluene	EPA 625
	EPA 8270C
	EPA 8330
2-Amino-4,6-dinitrotoluene	EPA 8330
2-Nitrotoluene	EPA 8330
3-Nitrotoluene	EPA 8330
4-Amino-2,6-dinitrotoluene	EPA 8330
4-Nitrotoluene	EPA 8330
Hexahydro-1,3,5-trinitro-1,3,5-triazine	EPA 8330
Isophorone	EPA 625
	EPA 8270C
Methyl-2,4,6-trinitrophenylnitramine	EPA 8330
Nitrobenzene	EPA 625
	EPA 8270C
	EPA 8330
Nitrosoamines	
N-Nitrosodimethylamine	EPA 625
N-Nitrosodi-n-butylamine	EPA 8015 B
N-Nitrosodi-n-propylamine	EPA 625
	EPA 8270C
N-Nitrosodiphenylamine	EPA 625
	EPA 8270C
Nutrient	
Ammonia (as N)	SM 18 4500-NH3 H
Nitrate (as N)	EPA 300.0 Rev. 2.1
	EPA 9056
Nitrite (as N)	EPA 300.0 Rev. 2.1
	EPA 9056
	SM 18-21 4500-NO2 B (00)
Orthophosphate (as P)	EPA 300.0 Rev. 2.1
	EPA 9056
	SM 18-21 4500-P E
Phosphorus, Total	EPA 365.3 Rev. 1978
Phthalate Esters	
Benzyl butyl phthalate	EPA 625
	EPA 8270C
Bis(2-ethylhexyl) phthalate	EPA 625
	EPA 8270C
Diethyl phthalate	EPA 625
	EPA 8270C
Dimethyl phthalate	EPA 625
	EPA 8270C
Di-n-butyl phthalate	EPA 625

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NELAP Recognized

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.

Expires 12:01 AM April 01, 2011
Issued April 01, 2010

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. DIVYAJIT MEHTA
CHEMTECH
284 SHEFFIELD STREET
MOUNTAINSIDE, NJ 07092

NY Lab Id No: 11376
EPA Lab Code:

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Phthalate Esters	
Di-n-butyl phthalate	EPA 8270C
Di-n-octyl phthalate	EPA 625
	EPA 8270C
Polychlorinated Biphenyls	
PCB-1016	EPA 608
	EPA 8082
PCB-1221	EPA 608
	EPA 8082
PCB-1232	EPA 608
	EPA 8082
PCB-1242	EPA 608
	EPA 8082
PCB-1248	EPA 608
	EPA 8082
PCB-1254	EPA 608
	EPA 8082
PCB-1260	EPA 608
	EPA 8082
Polynuclear Aromatics	
Acenaphthene	EPA 625
	EPA 8270C
Acenaphthylene	EPA 625
	EPA 8270C
Anthracene	EPA 625
	EPA 8270C
Benzo(a)anthracene	EPA 625
	EPA 8270C
Polynuclear Aromatics	
Benzo(a)pyrene	EPA 625
	EPA 8270C
Benzo(b)fluoranthene	EPA 625
	EPA 8270C
Benzo(ghi)perylene	EPA 625
	EPA 8270C
Benzo(k)fluoranthene	EPA 625
	EPA 8270C
Chrysene	EPA 625
	EPA 8270C
Dibenzo(a,h)anthracene	EPA 625
	EPA 8270C
Fluoranthene	EPA 625
	EPA 8270C
Fluorene	EPA 625
	EPA 8270C
Indeno(1,2,3-cd)pyrene	EPA 625
	EPA 8270C
Naphthalene	EPA 625
	EPA 8260B
	EPA 8270C
Phenanthrene	EPA 625
	EPA 8270C
Pyrene	EPA 625
	EPA 8270C
Priority Pollutant Phenols	
2,4,5-Trichlorophenol	EPA 625
	EPA 8270C

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Priority Pollutant Phenols	
2,4,6-Trichlorophenol	EPA 625
	EPA 8270C
2,4-Dichlorophenol	EPA 625
	EPA 8270C
2,4-Dimethylphenol	EPA 625
	EPA 8270C
2,4-Dinitrophenol	EPA 625
	EPA 8270C
2-Chlorophenol	EPA 625
	EPA 8270C
2-Methyl-4,6-dinitrophenol	EPA 625
	EPA 8270C
2-Methylphenol	EPA 8270C
2-Nitrophenol	EPA 625
	EPA 8270C
3-Methylphenol	EPA 8270C
4-Chloro-3-methylphenol	EPA 625
	EPA 8270C
4-Methylphenol	EPA 8270C
4-Nitrophenol	EPA 625
	EPA 8270C
Pentachlorophenol	EPA 625
	EPA 8270C
Phenol	EPA 625
	EPA 8270C
Purgeable Aromatics	
1,2-Dichlorobenzene	EPA 624
	EPA 8260B
Purgeable Aromatics	
1,2-Dichlorobenzene	EPA 8270C
1,3-Dichlorobenzene	EPA 624
	EPA 8260B
	EPA 8270C
1,4-Dichlorobenzene	EPA 624
	EPA 8260B
	EPA 8270C
Benzene	EPA 624
	EPA 8260B
Chlorobenzene	EPA 624
	EPA 8260B
Ethyl benzene	EPA 624
	EPA 8260B
Styrene	EPA 624
	EPA 8260B
Toluene	EPA 624
	EPA 8260B
Total Xylenes	EPA 624
	EPA 8260B
Purgeable Halocarbons	
1,1,1,2-Tetrachloroethane	EPA 8260B
1,1,1-Trichloroethane	EPA 624
	EPA 8260B
1,1,2,2-Tetrachloroethane	EPA 624
	EPA 8260B
1,1,2-Trichloroethane	EPA 624
	EPA 8260B
1,1,2-Trifluoro-1,2,2-Trichloroethane	EPA 8260B

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Purgeable Halocarbons	
1,1-Dichloroethane	EPA 624
	EPA 8260B
1,1-Dichloroethene	EPA 624
	EPA 8260B
1,2,3-Trichloropropane	EPA 8260B
1,2-Dichloroethane	EPA 624
	EPA 8260B
1,2-Dichloropropane	EPA 624
	EPA 8260B
2-Chloroethylvinyl ether	EPA 624
	EPA 8260B
Bromodichloromethane	EPA 624
	EPA 8260B
Bromoform	EPA 624
	EPA 8260B
Bromomethane	EPA 624
	EPA 8260B
Carbon tetrachloride	EPA 624
	EPA 8260B
Chloroethane	EPA 624
	EPA 8260B
Chloroform	EPA 624
	EPA 8260B
Chloromethane	EPA 624
	EPA 8260B
cis-1,2-Dichloroethene	EPA 624
	EPA 8260B
cis-1,3-Dichloropropene	EPA 624

Purgeable Halocarbons	
cis-1,3-Dichloropropene	EPA 8260B
Dibromochloromethane	EPA 624
	EPA 8260B
Dichlorodifluoromethane	EPA 8260B
Methylene chloride	EPA 624
	EPA 8260B
Tetrachloroethene	EPA 624
	EPA 8260B
trans-1,2-Dichloroethene	EPA 624
	EPA 8260B
trans-1,3-Dichloropropene	EPA 624
	EPA 8260B
Trichloroethene	EPA 624
	EPA 8260B
Trichlorofluoromethane	EPA 624
	EPA 8260B
Vinyl chloride	EPA 624
	EPA 8260B
Purgeable Organics	
1,4-Dioxane	EPA 8260B
2-Butanone (Methylethyl ketone)	EPA 8015 B
	EPA 8260B
2-Hexanone	EPA 8260B
4-Methyl-2-Pentanone	EPA 8260B
Acetone	EPA 8015 B
	EPA 8260B
Acetonitrile	EPA 8015 B
Carbon Disulfide	EPA 8260B

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Purgeable Organics	
Methyl cyclohexane	EPA 8260B
o-Toluidine	EPA 8015 B
Vinyl acetate	EPA 8260B
Residue	
Settleable Solids	SM 18-20 2540 F
Solids, Total	SM 18-20 2540B (97)
Solids, Total Dissolved	SM 18-21 2540C (97)
Solids, Total Suspended	SM 18-20 2540D (97)
Semi-Volatile Organics	
2-Methylnaphthalene	EPA 8270C
Dibenzofuran	EPA 8270C
Wastewater Metals I	
Barium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Cadmium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Calcium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
Wastewater Metals I	
Chromium, Total	EPA 6020
	SM 18-21 3120B (99)
Copper, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Iron, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
	SM 18-21 3120B (99)
Lead, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Magnesium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Potassium, Total	EPA 200.7 Rev. 4.4

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Wastewater Metals I	
Potassium, Total	EPA 6010B
	SM 18-21 3120B (99)
Silver, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Sodium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
	SM 18-21 3120B (99)
Wastewater Metals II	
Aluminum, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Antimony, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Arsenic, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Beryllium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4

Wastewater Metals II	
Beryllium, Total	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Chromium VI	EPA 7196A
	SM 18-19 3500-Cr D
Mercury, Total	EPA 245.1 Rev. 3.0
	EPA 7470A
	SM 18-19, 20 3112B (99)
Selenium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Vanadium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Zinc, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Wastewater Metals III	
Cobalt, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020

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Wastewater Metals III

Cobalt, Total	SM 18-21 3120B (99)
Molybdenum, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	SM 18-21 3120B (99)
Thallium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
	EPA 6020
	SM 18-21 3120B (99)
Tin, Total	EPA 200.7 Rev. 4.4
	EPA 6010B

Wastewater Miscellaneous

Boron, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Bromide	EPA 300.0 Rev. 2.1
	EPA 9056
Color	SM 18-21 2120B (01)
Cyanide, Total	EPA 9012A
	SM 18-20 4500-CN D (99)
	SM 18-21 4500-CN E (99)
Hydrogen Ion (pH)	EPA 9040B
	SM 18-21 4500-H B (00)
Oil & Grease Total Recoverable (HEM)	EPA 1664A
Organic Carbon, Total	EPA 9060
	SM 18-21 5310B (00)
Phenols	EPA 420.1 Rev. 1978
	EPA 9065

Wastewater Miscellaneous

Silica, Dissolved	EPA 200.7 Rev. 4.4
Sulfide (as S)	EPA 9034
Surfactant (MBAS)	SM 18-21 5540C (00)
Temperature	SM 18-21 2550B (00)
Total Residual Chlorine	SM 18-21 4500-Cl G (00)
Turbidity	EPA 180.1 Rev. 2.0
	SM 18-21 2130 B (01)

Sample Preparation Methods

EPA 3005A
EPA 3010A
EPA 3510C
EPA 3520C
EPA 5030B
EPA 9010B
EPA 9030B
SM 18-20 4500-CN C
SM 18-20 4500-N Org B or C (97)

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All approved analytes are listed below:

Acrylates	
Acrolein (Propenal)	EPA 8260B
Acrylonitrile	EPA 8260B
Amines	
2-Nitroaniline	EPA 8270C
3-Nitroaniline	EPA 8270C
4-Chloroaniline	EPA 8270C
4-Nitroaniline	EPA 8270C
Aniline	EPA 8270C
Carbazole	EPA 8270C
Benzidines	
3,3'-Dichlorobenzidine	EPA 8270C
Benzidine	EPA 8270C
Characteristic Testing	
Corrosivity	EPA 1110
	EPA 9040B
	EPA 9045C
Ignitability	EPA 1010
	EPA 1030
Reactivity	SW-846 Ch7 Sec. 7.3
Chlorinated Hydrocarbon Pesticides	
4,4'-DDD	EPA 8081A
4,4'-DDE	EPA 8081A
4,4'-DDT	EPA 8081A
Aldrin	EPA 8081A
alpha-BHC	EPA 8081A
alpha-Chlordane	EPA 8081A

Chlorinated Hydrocarbon Pesticides	
beta-BHC	EPA 8081A
Chlordane Total	EPA 8081A
delta-BHC	EPA 8081A
Dieldrin	EPA 8081A
Endosulfan I	EPA 8081A
Endosulfan II	EPA 8081A
Endosulfan sulfate	EPA 8081A
Endrin	EPA 8081A
Endrin aldehyde	EPA 8081A
Endrin Ketone	EPA 8081A
gamma-Chlordane	EPA 8081A
Heptachlor	EPA 8081A
Heptachlor epoxide	EPA 8081A
Lindane	EPA 8081A
Methoxychlor	EPA 8081A
Toxaphene	EPA 8081A
Chlorinated Hydrocarbons	
1,2,4-Trichlorobenzene	EPA 8270C
2-Chloronaphthalene	EPA 8270C
Hexachlorobenzene	EPA 8270C
Hexachlorobutadiene	EPA 8260B
	EPA 8270C
Hexachlorocyclopentadiene	EPA 8270C
Hexachloroethane	EPA 8270C
Chlorophenoxy Acid Pesticides	
2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A

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Chlorophenoxy Acid Pesticides	
2,4-D	EPA 8151A
Dalapon	EPA 8151A
Dicamba	EPA 8151A
Dinoseb	EPA 8151A
Haloethers	
4-Bromophenylphenyl ether	EPA 8270C
4-Chlorophenylphenyl ether	EPA 8270C
Bis (2-chloroisopropyl) ether	EPA 8270C
Bis(2-chloroethoxy)methane	EPA 8270C
Bis(2-chloroethyl)ether	EPA 8270C
Metals I	
Barium, Total	EPA 6010B
	EPA 6020
Cadmium, Total	EPA 6010B
	EPA 6020
Calcium, Total	EPA 6010B
Chromium, Total	EPA 6010B
	EPA 6020
Copper, Total	EPA 6010B
	EPA 6020
Iron, Total	EPA 6010B
Lead, Total	EPA 6010B
	EPA 6020
Magnesium, Total	EPA 6010B
Manganese, Total	EPA 6010B
Nickel, Total	EPA 6010B
	EPA 6020
Metals I	
Potassium, Total	EPA 6010B
Silver, Total	EPA 6010B
	EPA 6020
Sodium, Total	EPA 6010B
Metals II	
Aluminum, Total	EPA 6010B
	EPA 6020
Antimony, Total	EPA 6010B
	EPA 6020
Arsenic, Total	EPA 6010B
	EPA 6020
Beryllium, Total	EPA 6010B
	EPA 6020
Chromium VI	EPA 7196A
Mercury, Total	EPA 7471A
Selenium, Total	EPA 6010B
	EPA 6020
Vanadium, Total	EPA 6010B
	EPA 6020
Zinc, Total	EPA 6010B
	EPA 6020
Metals III	
Cobalt, Total	EPA 6010B
	EPA 6020
Molybdenum, Total	EPA 6010B
Thallium, Total	EPA 6010B
	EPA 6020

Serial No.: 41781

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WADSWORTH CENTER
RICHARD F. DAINES, M.D.

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Issued April 01, 2010

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Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. DIVYAJIT MEHTA
CHEMTECH
284 SHEFFIELD STREET
MOUNTAINSIDE, NJ 07092

NY Lab Id No: 11376
EPA Lab Code:

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Metals III	
Tin, Total	EPA 6010B
Minerals	
Bromide	EPA 9056
Chloride	EPA 9056
Fluoride, Total	EPA 9056
Sulfate (as SO4)	EPA 9038
	EPA 9056
Miscellaneous	
Boron, Total	EPA 6010B
Cyanide, Total	EPA 9012A
	EPA 9014
Extractable Organic Halides	EPA 9023
Hydrogen Ion (pH)	EPA 9040B
	EPA 9045C
Phenols	EPA 9065
Sulfide (as S)	EPA 9031
	EPA 9034
Nitroaromatics and Isophorone	
1,3,5-Trinitrobenzene	EPA 8330
1,3-Dinitrobenzene	EPA 8330
2,4,6-Trinitrotoluene	EPA 8330
2,4-Dinitrotoluene	EPA 8270C
	EPA 8330
2,6-Dinitrotoluene	EPA 8270C
	EPA 8330
2-Amino-4,6-dinitrotoluene	EPA 8330
2-Nitrotoluene	EPA 8330

Nitroaromatics and Isophorone	
3-Nitrotoluene	EPA 8330
4-Amino-2,6-dinitrotoluene	EPA 8330
4-Nitrotoluene	EPA 8330
Hexahydro-1,3,5-trinitro-1,3,5-triazine	EPA 8330
Isophorone	EPA 8270C
Methyl-2,4,6-trinitrophenylnitramine	EPA 8330
Nitrobenzene	EPA 8270C
	EPA 8330
Pyridine	EPA 8270C
Nitrosoamines	
N-Nitrosodi-n-propylamine	EPA 8070A
	EPA 8270C
N-Nitrosodiphenylamine	EPA 8270C
Nutrients	
Nitrate (as N)	EPA 9056
Nitrite (as N)	EPA 9056
Orthophosphate (as P)	EPA 9056
Petroleum Hydrocarbons	
Diesel Range Organics	EPA 8015 B
Gasoline Range Organics	EPA 8015 B
Oil & Grease Total Recoverable (HEM)	EPA 9071 (Solvent:Hexane)
Phthalate Esters	
Benzyl butyl phthalate	EPA 8270C
Bis(2-ethylhexyl) phthalate	EPA 8270C
Diethyl phthalate	EPA 8270C
Dimethyl phthalate	EPA 8270C

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Phthalate Esters	
Di-n-butyl phthalate	EPA 8270C
Di-n-octyl phthalate	EPA 8270C
Polychlorinated Biphenyls	
PCB-1016	EPA 8082
PCB-1221	EPA 8082
PCB-1232	EPA 8082
PCB-1242	EPA 8082
PCB-1248	EPA 8082
PCB-1254	EPA 8082
PCB-1260	EPA 8082
Polynuclear Aromatic Hydrocarbons	
Acenaphthene	EPA 8270C
Acenaphthylene	EPA 8270C
Anthracene	EPA 8270C
Benzo(a)anthracene	EPA 8270C
Benzo(a)pyrene	EPA 8270C
Benzo(b)fluoranthene	EPA 8270C
Benzo(ghi)perylene	EPA 8270C
Benzo(k)fluoranthene	EPA 8270C
Chrysene	EPA 8270C
Dibenzo(a,h)anthracene	EPA 8270C
Fluoranthene	EPA 8270C
Fluorene	EPA 8270C
Indeno(1,2,3-cd)pyrene	EPA 8270C
Naphthalene	EPA 8260B
	EPA 8270C
Phenanthrene	EPA 8270C
Polynuclear Aromatic Hydrocarbons	
Pyrene	EPA 8270C
Priority Pollutant Phenols	
2,4,5-Trichlorophenol	EPA 8270C
2,4,6-Trichlorophenol	EPA 8270C
2,4-Dichlorophenol	EPA 8270C
2,4-Dimethylphenol	EPA 8270C
2,4-Dinitrophenol	EPA 8270C
2-Chlorophenol	EPA 8270C
2-Methyl-4,6-dinitrophenol	EPA 8270C
2-Methylphenol	EPA 8270C
2-Nitrophenol	EPA 8270C
3-Methylphenol	EPA 8270C
4-Chloro-3-methylphenol	EPA 8270C
4-Methylphenol	EPA 8270C
4-Nitrophenol	EPA 8270C
Pentachlorophenol	EPA 8270C
Phenol	EPA 8270C
Purgeable Aromatics	
1,2-Dichlorobenzene	EPA 8260B
	EPA 8270C
1,3-Dichlorobenzene	EPA 8260B
	EPA 8270C
1,4-Dichlorobenzene	EPA 8260B
	EPA 8270C
Benzene	EPA 8260B
Chlorobenzene	EPA 8260B
Ethyl benzene	EPA 8260B

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Purgeable Aromatics	
Styrene	EPA 8260B
Toluene	EPA 8260B
Total Xylenes	EPA 8260B
Purgeable Halocarbons	
1,1,1,2-Tetrachloroethane	EPA 8260B
1,1,1-Trichloroethane	EPA 8260B
1,1,2,2-Tetrachloroethane	EPA 8260B
1,1,2-Trichloroethane	EPA 8260B
1,1,2-Trifluoro-1,2,2-Trichloroethane	EPA 8260B
1,1-Dichloroethane	EPA 8260B
1,1-Dichloroethene	EPA 8260B
1,2,3-Trichloropropane	EPA 8260B
1,2-Dibromo-3-chloropropane	EPA 8260B
1,2-Dibromoethane	EPA 8260B
1,2-Dichloroethane	EPA 8260B
1,2-Dichloropropane	EPA 8260B
2-Chloroethylvinyl ether	EPA 8260B
Bromodichloromethane	EPA 8260B
Bromoform	EPA 8260B
Bromomethane	EPA 8260B
Carbon tetrachloride	EPA 8260B
Chloroethane	EPA 8260B
Chloroform	EPA 8260B
Chloromethane	EPA 8260B
cis-1,2-Dichloroethene	EPA 8260B
cis-1,3-Dichloropropene	EPA 8260B
Dibromochloromethane	EPA 8260B
Dichlorodifluoromethane	EPA 8260B

Purgeable Halocarbons	
Methylene chloride	EPA 8260B
Tetrachloroethene	EPA 8260B
trans-1,2-Dichloroethene	EPA 8260B
trans-1,3-Dichloropropene	EPA 8260B
Trichloroethene	EPA 8260B
Trichlorofluoromethane	EPA 8260B
Vinyl chloride	EPA 8260B
Purgeable Organics	
1,4-Dioxane	EPA 8260B
2-Butanone (Methylethyl ketone)	EPA 8015 B
	EPA 8260B
2-Hexanone	EPA 8260B
4-Methyl-2-Pentanone	EPA 8260B
Acetone	EPA 8015 B
	EPA 8260B
Carbon Disulfide	EPA 8260B
Cyclohexane	EPA 8260B
Methyl acetate	EPA 8260B
Methyl tert-butyl ether	EPA 8260B
tert-butyl alcohol	EPA 8260B
Vinyl acetate	EPA 8260B
Semi-Volatile Organics	
1,1'-Biphenyl	EPA 8270C
2-Methylnaphthalene	EPA 8270C
Acetophenone	EPA 8270C
Benzaldehyde	EPA 8270C
Benzoic Acid	EPA 8270C

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Semi-Volatile Organics

Benzyl alcohol	EPA 8270C
Caprolactam	EPA 8270C
Dibenzofuran	EPA 8270C
Methyl cyclohexane	EPA 8260B

Sample Preparation Methods

EPA 1311
EPA 3005A
EPA 3050B
EPA 3060A
EPA 3541
EPA 3545
EPA 3550B
EPA 5030B
EPA 5035
EPA 9010B
EPA 9030B

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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Polychlorinated Biphenyls

PCB-1262	EPA 8082
PCB-1268	EPA 8082

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Acrylates	
Acetonitrile	EPA TO-15
Acrylonitrile	EPA TO-15
Ethyl acrylate	EPA TO-15
Methyl methacrylate	EPA TO-15
Chlorinated Hydrocarbons	
1,2,4-Trichlorobenzene	EPA TO-15
Hexachlorobutadiene	EPA TO-15
Hexachloroethane	EPA TO-15
Polynuclear Aromatics	
Naphthalene	EPA TO-15
Purgeable Aromatics	
1,2,4-Trimethylbenzene	EPA TO-15
1,2-Dichlorobenzene	EPA TO-15
1,3,5-Trimethylbenzene	EPA TO-15
1,3-Dichlorobenzene	EPA TO-15
1,4-Dichlorobenzene	EPA TO-15
2-Chlorotoluene	EPA TO-15
Benzene	EPA TO-15
Chlorobenzene	EPA TO-15
Ethyl benzene	EPA TO-15
Isopropylbenzene	EPA TO-15
m/p-Xylenes	EPA TO-15
o-Xylene	EPA TO-15
Styrene	EPA TO-15
Toluene	EPA TO-15
Total Xylenes	EPA TO-15

Purgeable Halocarbons	
1,1,1-Trichloroethane	EPA TO-15
1,1,2,2-Tetrachloroethane	EPA TO-15
1,1,2-Trichloroethane	EPA TO-15
1,1,2-Trifluoro-1,2,2-Trichloroethane	EPA TO-15
1,1-Dichloroethane	EPA TO-15
1,1-Dichloroethene	EPA TO-15
1,2-Dibromo-3-chloropropane	EPA TO-15
1,2-Dibromoethane	EPA TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	EPA TO-15
1,2-Dichloroethane	EPA TO-15
1,2-Dichloropropane	EPA TO-15
Bromodichloromethane	EPA TO-15
Bromoform	EPA TO-15
Bromomethane	EPA TO-15
Carbon tetrachloride	EPA TO-15
Chloroethane	EPA TO-15
Chloroform	EPA TO-15
Chloromethane	EPA TO-15
cis-1,2-Dichloroethene	EPA TO-15
cis-1,3-Dichloropropene	EPA TO-15
Dibromochloromethane	EPA TO-15
Dichlorodifluoromethane	EPA TO-15
Methylene chloride	EPA TO-15
Tetrachloroethene	EPA TO-15
trans-1,2-Dichloroethene	EPA TO-15
trans-1,3-Dichloropropene	EPA TO-15
Trichloroethene	EPA TO-15
Trichlorofluoromethane	EPA TO-15

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Purgeable Halocarbons	
Vinyl bromide	EPA TO-15
Vinyl chloride	EPA TO-15
Volatile Chlorinated Organics	
Benzyl chloride	EPA TO-15
Epichlorohydrin	EPA TO-15
Volatile Organics	
1,3-Butadiene	EPA TO-15
1,4-Dioxane	EPA TO-15
2,2,4-Trimethylpentane	EPA TO-15
2-Butanone (Methylethyl ketone)	EPA TO-15
4-Methyl-2-Pentanone	EPA TO-15
Acetone	EPA TO-15
Carbon Disulfide	EPA TO-15
Cyclohexane	EPA TO-15
Hexane	EPA TO-15
Isopropanol	EPA TO-15
Methanol	EPA TO-15
Methyl Iodide	EPA TO-15
Methyl tert-butyl ether	EPA TO-15
n-Heptane	EPA TO-15
Nitrobenzene	EPA TO-15
tert-butyl alcohol	EPA TO-15
Vinyl acetate	EPA TO-15

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APPENDIX E

Citizens Participation Plan

INTERIM REMEDIAL MEASURES
CITIZEN PARTICIPATION PLAN

FASHION CLEANERS
641 EAST PARK AVENUE
LONG BEACH, NEW YORK 11561

September 2010
NYSDEC Site Code # 130170
Order of Consent # A1-0589-0507
***LEA* PROJECT # 08-408**

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LIST OF APPENDICES

LAUREL Environmental Associates, Ltd. • 53 West Hills Rd • Huntington, NY • 11743 • phone (631) 673-0612 • fax (631) 427-5323

CITIZENS PARTICIPATION PLAN
FOR USE DURING INTERIM REMEDIAL MEASURES

1.0 INTRODUCTION

Lido Realty Co. (Lido Realty) and the New York State Department of Environmental Conservation (NYSDEC), in cooperation with the New York State Department of Health (NYSDOH), are committed to informing and involving the public during all aspects of work at the Fashion Cleaners Site, located at 641 East Park Avenue, Long Beach, New York.

The Site is assigned New York State Department of Environmental Conservation (NYSDEC) Class 2 Inactive Hazardous Waste Disposal Site Registry Site Code 130170. Lido Realty entered into a Consent Agreement (Index #AI-0589-0507) with the NYSDEC on December 12, 2007 to develop and implement an inactive hazardous waste disposal site remedial program for the Site.

The Site is an inactive dry cleaning facility located on the north side of East Park Avenue, City of Long Beach, Nassau County, New York. This Citizen Participation Plan (CPP) has been prepared by ***Laurel Environmental Associates, Ltd.*** (***LEA***) on behalf of Lido Realty, specifically for this site.

The CPP seeks to assure an open process for the interested and possibly affected public. Lido Realty seeks public input on this project and wants to address any questions that may arise. This includes public officials at all levels, citizen interest groups, commercial interests, residents of the immediate area and the media. These parties can and must be a part of the decision-making process for this site, and need to be informed about on-site activities. The CPP also identifies locations where these parties can obtain additional information about the remedial program for this site. Specific opportunities for public and community input into the decision-making process are indicated.

The CPP is a dynamic program. It can be enhanced to accommodate input from the public, or in the nature and scope of technical activities at the Site. The activities listed below are not intended to be an all-inclusive list, but an outline of possible activities which may be conducted in coordination with the site investigation and remedial process. A glossary of terms used in this CPP is provided in Sheet 1. Lido Realty welcomes input and questions from the public on this project. This CPP includes the following information:

- A description of the site history, indicating possible types of contamination, any past studies, and any previous remedial measures that may have occurred at the Site;
- Listing of contacts including environmental and civic groups and elected officials and public agencies associated with this project;
- Identification of a local repositories for information and reports generated during the course of completing the investigation activities; and
- A description of planned citizen participation activities.

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2.0 SITE DESCRIPTION AND PREVIOUS ENVIRONMENTAL INVESTIGATIONS

2.1 SITE DESCRIPTION

According to work performed by ***LEA*** and others, the Site (approximately 1,000 square feet in area) is located in a retail shopping center building located in a mixed residential and commercial area of Long Beach, New York. The building is of slab on-grade construction and does not contain a basement. Commercial properties adjoin the Site to the east and west and residential properties are located to the north; some surrounding properties contain partial basements. According to information obtained from the City of Long Beach through a Freedom of Information Act (FOIA) file review and from Sanborn Fire Insurance Maps (Sanborn Maps) and historical aerial photographs obtained through Environmental Data Resources, Inc. (EDR) of Milford, Connecticut, the shopping center building appears to have been constructed in 1951 and a dry cleaner appears to have operated at the Site from at least 1966 to mid 2010. The Site is currently owned by Lido Park Realty Company, LLC and was recently vacated by Fashion Cleaners, also known as "Oceanside Sands Cleanery".

2.2 SUMMARY OF REMEDIAL INVESTIGATIONS FINDINGS

2.2.1 Soil Vadose Zone

2.2.1.1 Phase I RI Findings

As per the "Draft Phase I Remedial Investigation/Interim Remedial Measures Report" prepared by ***LEA***, dated July 23, 2009:

Field observations and laboratory analysis of soil samples have demonstrated that the soil vadose zone is a major source of groundwater contamination at the Site.

During the week of January 12th, 2009, ***LEA*** conducted soil sampling from nine (9) locations throughout interior and exterior areas of the Site. In addition, soil sampling was conducted at four (4) off-site locations.

Field screening and laboratory analysis of the samples has shown that the most significant PCE contamination exists in two separate areas;

1. Inside the building, immediately north of the dry cleaning machinery room, between 11 and 13 feet below grade [1,800,000 micrograms per cubic meter (µg/kg); equivalent to parts per billion (ppb); and
2. In the rear courtyard; specifically in superficial soils in the area of the re-routed steam boiler blow-down pipe (3,200,000 ppb). The presence of exposed PCE contaminated soils in this area presents an immediate health risk to site occupants. This area is not generally frequented by the public, but the possibility for exposure exists.

Four (4) of the remaining ten (10) on-site sample locations contained elevated levels of PCE at varying depths above the NYSDEC Part 375-6.8(b) Protection of Groundwater Soil Cleanup Objective of 1,300 ppb. None of the off-site soil samples were found to contain elevated levels of PCE. Please refer to Figure 5.1 for a synopsis of the aforementioned soil sampling results.

2.2.1.2 Preliminary Supplemental Phase I RI Findings

As per the preliminary findings of the Supplemental Phase I Remedial Investigation:

Field observations and laboratory analysis of dry interior vadose zone soil samples have demonstrated that the majority of contamination beneath the building is present in groundwater-saturated soils, beginning at approximately 4.5 feet below the slab.

On July 22, 2010, ***LEA*** conducted soil sampling from nine (9) previously inaccessible interior areas in the southern half of the Site.

Laboratory analysis of the samples found that no elevated concentrations of PCE or related compounds are present in vadose zone soils above the water table, aside from one sample location (SB-27), in the extreme southeast corner of the building.

PCE and related compound concentrations ranged from non-detect to minor in the remaining samples. Please refer to Figure 5.0 for a synopsis of recent soil sampling results.

2.2.2 Groundwater

2.2.2.1 Phase I RI Findings

During the week of January 12th, 2009, ***LEA*** conducted the installation of 1 and 2-inch PVC monitoring wells throughout the Site and in the vicinity. Please refer to Figure 6.0 for monitoring well locations.

Monitoring wells designated MW-01 through MW-07 were sampled by ***LEA*** on January 29 and February 4, 2009, in accordance with the approved RI Work Plan. Laboratory analysis of the samples verified that on-site groundwater has been impacted with PCE and its breakdown 'daughter' components at concentrations above the NYSDEC Ambient Water Quality SCG of 5 ppb. Elevated levels of PCE were detected in each on-site monitoring well. The highest concentrations were detected in the rear courtyard (16,000 ppb in MW-01 at 20 to 25 feet and 17,000 ppb in MW-03 at 3 to 13 feet) and in the building interior (7,700 ppb in MW-02 at 20 to 25 ft). Of note, the well known as MW-03 was installed along the northern boundary of the Site that adjoins residential properties.

No PCE was detected in the front walkway monitoring well MW-05 and relatively low levels (19 ppb)

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were detected in the nearby well MW-06. Similar levels of PCE (14 ppb) were found in the front walkway well MW-07, located further east; however elevated levels of the breakdown components cis-DCE (13,000 ppb) and Vinyl Chloride (2,500 ppb) were detected in the well, possibly indicating an off-site contributor to contamination. Please refer to Figure 7.0 for the aforementioned groundwater sampling results.

2.2.2.1 Preliminary Supplemental Phase I RI Findings

On July 23 and 26, 2010, ***LEA*** conducted a groundwater profile boring adjacent to the former dry cleaning machinery room. Representative samples were collected in the vertical dimension from the following intervals; 30-34, 40-44, 50-54, 60-64, 70-74 and 80-84 feet below grade.

Laboratory analysis of the samples indicate that elevated concentrations of PCE and related compounds are present in at least the first 80 feet of the water column beneath the Site building. PCE concentrations ranged from 1,100 ppb to 14,100 ppb in the sampled intervals. Please refer to Figure 7.0 for a synopsis of groundwater profiling results.

2.2.3 Soil Vapor Intrusion Investigation

On January 29, 2009, ***LEA*** conducted sub-slab soil vapor, indoor air and/or outdoor ambient air samples at the Site, adjoining commercial spaces and three (3) nearby residential properties north of the Site. Additionally, indoor ambient air and sub-slab soil vapor samples were collected from a previously inaccessible residential property to the north on March 27, 2009.

Samples were collected using 6 Liter summa canisters fitted with 0.25 L/hour flow controllers, to collect samples over a 24-hour period. All samples were collected and analyzed in accordance with the approved SVI Investigation Work Plan.

Laboratory analysis of the indoor air samples found elevated levels of PCE and/or TCE in the following (indoor air samples were not collected within the Site building):

1. Kings Pharmacy (adjoining to the west) at 56.62 micrograms per cubic meter ($\mu g/m^3$) of PCE and 4.35 $\mu g /m^3$ of TCE
2. Lido Kosher Deli (adjoining to the east) at 349.91 $\mu g/m^3$ of PCE and 56.16 $\mu g /m^3$ of TCE
3. 646 East Chester Street at 8.54 $\mu g/m^3$ of PCE, TCE not detected
4. 650 East Chester Street at 26.51 $\mu g/m^3$ of PCE and 0.27 $\mu g/m^3$ of TCE

Elevated levels of PCE and/or TCE were detected in sub-slab samples from:

1. The Site (building interior, north of dry cleaning machinery room) at 2,858.27 $\mu g/m^3$ of PCE and 1,510.16 $\mu g/m^3$ of TCE
2. The Site (building interior, northwest corner) at 1,403.71 $\mu g/m^3$ of PCE and 769.59 $\mu g/m^3$ of TCE

No elevated levels of TCE (>5 µg/m^3) were detected in sub-slab samples from the adjoining businesses or nearby residential buildings. However, low level TCE concentrations were detected in sub-slab samples from Kings Pharmacy (4.57 µg/m^3) and Lido Kosher Deli (4.08 µg/m^3). Please refer to Figure 8.0 for a synopsis of indoor and sub-slab sampling results.

A comparison of these indoor air PCE and TCE concentrations to NYSDOH Soil Vapor/Indoor Air Matrices indicates that mitigation of soil vapor is warranted at the Site and Kings Pharmacy. The matrices indicate the remaining properties either require no further action or should take "reasonable and practical action to identify source(s) and reduce exposures".

LEA has issued a detailed Soil Vapor Intrusion (SVI) Investigation report discussing the investigation findings and recommendations on July 23, 2009.

Interim measures to reduce infiltration of PCE and TCE vapors into Kings Pharmacy and Lido Kosher Deli were completed on July 1, 2009. These measures included sealing void spaces around duct work and building joints/joists and replacing/repairing missing or damaged drywall panels in order to prevent sharing of indoor air between Fashion Cleaners and the adjoining businesses. To determine the effectiveness of the interim measures, indoor air was re-tested at the adjoining businesses for a 24-hour period on July 21, 2009. Laboratory analysis of the samples found PCE and TCE concentrations had increased from the prior sampling event.

PCE and TCE concentrations were found as follows:

1. Kings Pharmacy at 598 µg/m^3 of PCE and 18.6 µg /m^3 of TCE
2. Lido Kosher Deli at 511 µg/m^3 of PCE and 120 µg /m^3 of TCE

An inspection exhaust and intake systems on the roofs at Fashion Cleaners, Kings Pharmacy and Lido Kosher Deli conducted on October 2, 2009 revealed the following:

1. Significant odors (19.2 ppm measured with PID with 10.6 eV bulb) emanating from the 14" air duct over the dry cleaning equipment room in Fashion Cleaners. Duct extends approximately 16" above roof and directed down to keep water out.
2. Significant odors (0.1 ppm measured with PID with 10.6 eV bulb) emanating from the 2.5" steam discharge pipe connected to the press systems in Fashion Cleaners. Pipe extends approximately 24" above the roof.
3. Package HVAC systems over Lido Kosher Deli, with fresh air intake over kitchen
4. HVAC systems over Kings Pharmacy are at least 30 feet from the exhaust at Fashion Cleaners. One open duct noted within ten feet of the exhaust at Fashion Cleaners.

Odors of dry cleaning solvent was noticeable at the front of the building at roof level, so it is possible that PCE and TCE found in Kings Pharmacy and Lido Kosher Deli may in part be from intake of contamination in outdoor air.

In February, 2010 the dry cleaning machinery was maintained to optimize operation of the system and reduce chemical emissions from dry cleaning. The work was required by the NYSDEC.

To determine the effectiveness of the optimization activities and to determine if a direct correlation exists between dry cleaning activities and indoor air VOC concentrations, two sets of indoor and concurrent outdoor air samples were collected at the adjoining businesses for a 24-hour period. The first set of samples was collected on March 16, 2010 while the dry cleaning machinery was active. The second set was collected on the following day, while dry cleaning activities were inactive. Laboratory analysis of the samples found PCE and TCE concentrations were substantially lower in both sample sets than the previous sampling event, indicating the optimization effectively reduced VOC emissions. In addition, VOC concentrations in indoor air were generally higher when dry cleaning operations were active than when such operations were not being conducted.

PCE and TCE concentrations were found as follows:

Active Dry Cleaning:

1. Kings Pharmacy at 41.3 µg/m^3 of PCE and 7.85 µg /m^3 of TCE
2. Lido Kosher Deli at 75.1 µg/m^3 of PCE and 10.5 µg /m^3 of TCE

No Active Dry Cleaning:

1. Kings Pharmacy at 20.3 µg/m^3 of PCE and 4.08 µg /m^3 of TCE
2. Lido Kosher Deli at 28.2 µg/m^3 of PCE and 4.51 µg /m^3 of TCE

As discussed in Section 2.1: Over a two week span in July and August, interim measure were expanded to include removal of the dry cleaning machinery, solvents, housing, presses and related equipment. All materials were removed and disposed of at approved facilities. The work is discussed in greater detail in the Supplemental Phase I RI and effectively eliminates active dry cleaning as a contributing factor to indoor PCE and related compound concentrations.

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3.0 PROJECT DESCRIPTION

The purpose of the Interim Remedial Measures (IRMs) is to minimize the potential for further public and environmental exposure to Site-related contamination. IRMs are also intended to yield immediate to short term reduction of contaminant levels. In addition to this Citizens' Participation Plan, a Work Plan (Work Plan) and a IRM Sampling and Analysis Plan (SAP) has been prepared to guide the work. The Work Plan describes the activities to be conducted in the will entail and provides a detailed description of the methodologies that will be employed. The SAP contains both a Field Sampling Plan (FSP) and a Quality Assurance Project Plan (QAPP). The SAP outlines data quality objectives and details the specific sampling procedures and the relevant sampling and analytical protocols to ensure that the data collected during the IRM are of sufficient quality to support the remedial decisions. The following are considered major elements in the process for the Site:

- Issuance of a Consent Order between Lido Realty and the NYSDEC which requires Lido Realty to perform the IRMs, in accordance with an approved work plan;
- Performance of the IRMs, culminating in an IRM Report;
- As appropriate, performance of treatability studies;
- Preparation of a Feasibility Study (FS) by the NYSDEC followed by a public comment period; and,
- Issuance of a Record of Decision (ROD) by the NYSDEC stating the selected remedial alternatives.

4.0 IDENTIFICATION OF NEW YORK STATE CONTACTS

This section lists New York State Department of Environmental Conservation and Department of Health personnel involved in the investigation. A listing of potentially interested parties (Site Contact List) is provided in Sheet 2.

New York State Department of Environmental Conservation
Mr. Girish Desai, P.E., Project Manager
Division of Environmental Remediation
New York State Department of Environmental Conservation
State University of New York at Stony Brook
50 Circle Road
Stony Brook, New York 11790-3409
Telephone: (631) 444-0243

New York State Department of Health
Mr. Steven Karpinski
New York State Department of Health
Flanigan Square. 547 River Street
Troy, New York 12180-2216
Telephone: (518) 402-7880

5.0 IDENTIFICATION OF DOCUMENT REPOSITORIES

A local document repository, where information concerning this Site can be found, has been established at:

Long Beach Public Library
111 West Park Avenue
Long Beach, NY 11561
Attn: Reference Librarian
Telephone: (516) 432-7201

Operating Hours:

Monday, Wednesday, Thursday	9 A.M. to 9 P.M.
Tuesday	11 A.M. to 9 P.M.
Friday	9 A.M. to 6 P.M.
Saturday	9 A.M. to 5 P.M.
Sunday (Mid Sept.-Mid June)	1 P.M. to 5 P.M.

Also, the documents are available to view at the NYSDEC, Division of Environmental Remediation offices in Stony Brook, New York:

Division of Environmental Remediation
New York State Department of Environmental Conservation
State University of New York at Stony Brook
50 Circle Road
Stony Brook, New York 11790-3409
Telephone: (516) 444-0240

6.0 DESCRIPTION OF SPECIFIC CITIZEN PARTICIPATION ACTIVITIES

The citizen participation activities have been designed based on State and Federal regulatory requirements and policies regarding citizen participation. The activities discussed below will be performed to keep the public informed and involved in the remedial program, and to insure that the State and Federal regulatory requirements on citizen participation are met. The activities described below may be augmented based upon changes in the project scope, length of project, public interest and/or other factors. As necessary, this CPP will be updated as the project progresses. As part of this CPP, the NYSDEC and Lido Realty have established a preliminary site Contact List (i.e., mailing list) which is included as Sheet 2. These mailing lists will be updated during the IRM on an as-needed basis. Those on the mailing lists will receive notices as to the availability of various key documents (e.g., RI Report, FS Report) when they are placed in the Document Repository and will also receive notice of upcoming public meetings. They will also receive any information or fact sheets that may be developed.

Three fact sheets will be prepared for distribution to the interested parties on the site contact list. T he first fact sheet will be distributed following NYSDEC approval of the IRMs Work Plan and the SAP. This fact sheet will detail the major tasks associated with the IRMs. If there are public comments or questions on the IRMs, these will be addressed during and before completion of the IRMs. The second fact sheet will be prepared at the completion of the IRMs and will detail the major findings and conclusions.

A third fact sheet will be prepared upon completion of the IRM and distributed to the public detailing the NYSDEC Proposed Remedial Action Plan (PRAP). The fact sheet will invite the public to attend a public meeting to discuss the PRAP and NYSDEC will also disseminate a press notice regarding the public meeting. There will be a thirty-day public comment period to allow public review of the PRAP. Following public review and input, the PRAP may be modified. NYSDEC will then choose the remedial action through a Record of Decision (ROD). The ROD documents the NYSDEC's decision-making process.

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SHEET 1

Glossary of *Key Terms*

Document Repository: Typically a regional DEC office and/or public building, such as a library, near a particular site at which documents related to remedial and citizen participation activities at the site are available for public review. The Document Repository provides access to documents at times and a location convenient to the public.

Fact Sheet: Written discussion of a site's remedial process, or some part of it. Prepared for the public in easily understandable language. May be prepared for the general public or a particular segment. Uses may include, for example, discussion of an element of the remedial program, availability of a report or other information, or announcement of a public meeting. Information sheets may be mailed to all or part of the interested public, distributed at Public Meetings, Availability Sessions, or delivered on an "as requested" basis.

Feasibility Study (FS): A study undertaken to develop and evaluate options for remedial action. The Feasibility Study emphasizes data analysis and is generally performed concurrently and in an interactive fashion with the Remedial Investigation using data gathered during the Remedial Investigation. The Remedial Investigation data are used to define the objectives of the program, to develop remedial action alternatives, and to undertake an initial screening and detailed analysis of the alternatives. The term also refers to a report that describes the results of the study.

Inactive Hazardous Waste Disposal Site: Any area or structure used for the long-term storage or final placement of hazardous waste including, but not limited to, dumps, landfills, lagoons, and artificial treatment ponds, as to which area or structure no permit or authorization issued by the Department or a federal agency for the disposal of hazardous waste was in effect after August 25, 1979.

Interim Remedial Measures (IRM): A discrete set of activities to address both emergency and non-emergency site conditions which can be undertaken without extensive investigation and evaluation to prevent, mitigate, or remedy environmental damage or the consequences of environmental damage attributable site, including but not limited to the following activities: removal of wastes and contaminated materials including environmental media; construction of diversion ditches, collection systems, or groundwater collection systems; construction of fences or other barriers: installation of water filters or provision otherwise of alternative water supplies.

Listing: According to Title 13. Article 27 of the Environmental Conservation Law, the Registry of Inactive Hazardous Waste Disposal Sites must include all known hazardous waste sites which may be identified based upon recommendations from counties. complaints from the public, data obtained from hazardous waste generators and other sources. These sites are inspected by DEC regional staff to determine whether there is sufficient reason to list them in the Registry.

Maintenance/Monitoring: Denotes post-closure activities to insure continued effectiveness of the remedial actions. Typical maintenance/monitoring activities include: inspection by an engineering technician; measurement of level of water in monitoring wells; or collection and analysis of groundwater and/or surface water samples. Maintenance/monitoring may be required indefinitely at some sites.

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PRP-had Site: An Inactive Hazardous Waste Disposal Site at which those legally or potentially legally liable for the site have accepted responsibility for investigating problems at the site. And for developing and implementing the site's remedial program. The costs of the remedial program are generally borne by the PRP; money available from the State Superfund or Environmental Quality Bond Act of 1986 are not used.

Potentially Responsible Parties (PRPs): Individuals or entities (e.g., site owners1
operators, transporters or generators of hazardous waste) potentially responsible for or contributing to the contamination problems at an Inactive Hazardous Waste Disposal Site.

Proposed Remedial Action Plan (PRAP): A document which explains to the public the remedial alternative which is proposed for implementation at a site based on the evaluations performed in the Feasibility Study.

Public Meeting: Scheduled gathering of DEC and perhaps DOH staff and the public to give and receive information, ask questions and discuss concerns. A public meeting may take one of the following forms: large-group meeting called by the DEC or participation by the DEC at a meeting sponsored by another organization such as a Town Board. *Ranking System:* The United States Environmental Protection Agency uses a Hazard Ranking System (HRS) to assign numerical scores to each Inactive Hazardous Waste Disposal Site. The scores express the risks posed by a site in a relative sense.

Record of *Decision (ROD):* A document issued by the DEC which states the remedial alternative selected by the agency and formally approved by the Commissioner.

Registry of *Inactive Hazardous Waste Disposal Sites:* New York State's official inventory of Inactive Hazardous Waste Disposal Sites. The Registry contains a brief description of the site, its location, past and current owners, other known PRPs, past usage, and known or suspected contaminants.

Remedial Design (RD): Once a remedial alternative has been selected, technical drawings and specifications for remedial construction at a site are developed. Design documents are used to bid and construct the chosen remedial actions. Remedial design is prepared by consulting engineers with experience in remedial actions at Inactive Hazardous Waste Disposal Sites.

Remedial Investigation (RI): A process to determine the nature and extent of contamination by collecting and analyzing data from the site. It includes sampling and monitoring, as necessary, and includes the gathering of sufficient information to determine the necessity for, and proposed extent of, a remedial program for the site.

Responsiveness Summary: A formal or informal written or verbal summary and response by the DEC to public questions and comments. Typically prepared during or after important elements in a site's remedial program. The Responsiveness Summary may list and respond to each question/comment, or summarize and respond to questions in categories. The Responsiveness Summary is released with the ROD.

Site Classification: The DEC assigns a classification to each Inactive Hazardous Waste Disposal Site. The Classifications are established by State law and are as follows:

Classification I: A site causing or presenting an imminent danger of causing irreversible or irreparable damage to the public health or environment –immediate action required.

Classification 2: A site posing a significant threat to the public health or environment - action required.

Classification 2a: A temporary classification for a site known or suspected to contain hazardous waste. Most likely the site will require an initial investigation to obtain more information. Based on the results, the site then would be reclassified or removed from the Registry if found not to contain hazardous wastes.

Classification 3: A site which has hazardous waste confirmed, but not a significant threat to the public health or environment -- action may be deferred.

Classification 4: A site which has been properly closed - requires continued management. *Classification* 5: A site which has been properly closed, with no evidence of present or potential adverse impact - no further action required.

State-Lead Site: An Inactive Hazardous Waste Disposal Site at which the DEC has responsibility for investigating problems at the site, and for developing and implementing the site's remedial program. The DEC uses money available from the State Superfund and the Environmental Quality Bond Act of 1986 to pay for these activities. The DEC has direct control and responsibility for the remedial program at such sites.

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Commonly Used Acronyms

1. "CFR" stands for the Code of Federal Regulations
2. "NYCRR" stands for the Official Compilation of New York Code, Rules and Regulations
3. "OSWER" stands for the USEPA Office of Solid Waste and Emergency Response
4. "PWS" stands for Public Water Supply
5. "RCRA" stands for the Resource Conservation and Recovery Act
6. "SCGs" stands for standards, criteria and guidance
7. "SPDES" stands for State Pollutant Discharge Elimination System
8. "SPOTS" stands for Spill Prevention Operational and Technical Series.
9. "STARS" stands for Spill Technology and Remediation Series
10. "TAGM" stands for Technical and Administrative Guidance Memorandum.
11. "TOGS" stands for Technical and Operational Guidance Series.
12. "UIC" stands for Underground Injection Control
13. "USC" stands for United States Code
14. "USEPA" stands for United States Environmental Protection Agency

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SHEET 2

Contacts List

FEDERAL OFFICIALS & ORGANIZATIONS

United States Senators:
Hon. Hillary Rodham Clinton
476 Russell Senate Office Building
Washington, DC 20510
Telephone: 202-224-4451
Hon. Charles Schumer
313 Hart Senate Office Building
Washington, DC 20510
Telephone: 202-224-6542

United States Representatives:
Hon. Peter T. King
1003 Park Blvd.
Massapequa Park, New York 11762
Telephone: 516-541-4225

United States Environmental Protection Agency:
Stephen L. Johnson - Administrator
United States Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Ave, NW
Washington, DC 20460
Telephone: 202-260-4700

National Institute of *Occupational Health* & Safety:
Christine Branch - Director
395 E Street, SW
Suite 9200, Patriots Plaza Building
Washington, DC 20201

STATE OFFICIALS &ORGANIZATIONS

New York State Senate (Long Beach District 9):
Hon. Dean G. Skelos
Majority Leader
55 Front Street
Rockville Centre, New York 11570
Telephone: 516-766-8383

New York State Assembly (District 20):
Hon. Harvey Weisenberg
District 20AD
20 West Park Avenue
Long Beach, New York 11561
Telephone: 516-431-0500

New York State Department of *State:*
Lorraine A. Cortes
Secretary of State
One Commerce Plaza
99 Washington Avenue
Albany, New York 12231
Telephone: 518-474-4752

New York State Department of *Transportation:*
Astrid C. Glynn
Commissioner
Department of Transportation
50 Wolf Road
Albany, New York 12232
Telephone: 518-457-4422

Governor of *New York State:*
David A. Paterson
Executive Chamber
State Capitol
Albany, New York 12224
Telephone: 518-474-8390

New York State Department of *Environmental Conservation:*
Mr. Girish Desai, Project Manager
Division of Environmental Remediation
New York State Department of Environmental Conservation
State University of New York at Stony Brook
50 Circle Road
Stony Brook, New York 11790-3409
Telephone: 631-444-0243

COUNTY OFFICIALS AND ORGANIZATIONS

New York State Department of *Health:*
Ms. Scarlett E. Messier
New York State Department of Health
Flanigan Square. 547 River Street
Troy, New York 12180-2216
Telephone: 518-402-7880

County Executive:
Hon. Thomas R. Suozzi
1 West Street
Mineola. New York 11501
Telephone: 516-571-3131

County Comptroller:
Hon. Howard Weitzman
Nassau County Comptroller's Office, 2nd Floor
240 Old Country Road
Mineola, New York 11501
Telephone: 516-571-2386

County Clerk:
Hon. Maureen O'Connell
Office of the Nassau County Clerk. Room 202
240 Old Country Road
Mineola. New York 11501
Telephone: 516-571-2664

District Attorney:
Hon. Kathleen Rice
262 Old Country Road
Mineola, New York 11501
Telephone: 516-571-3800

Chairman of the Board of Assessors:
Hon. Harvey B. Levinson
Nassau County Assessors Office
240 Old Country Road
Mineola, New York 11501
Telephone: 516-571-1500

Nassau County Legislature- District No. LD4:
Hon. Denise Ford
County Legislature
1 West Street
Mineola, New York 11501
Telephone: 516-571-6204

Nassau County Health Department:
Joseph DeFranco
Nassau County Health Dept.
106 Charles Lindberg Blvd.
Uniondale, New York 11553

Nassau County Dept of Public Works:
Raymond A. Ribeiro, Commissioner of Public Works
Nassau County Dept. of Public Works
1194 Prospect Avenue
Westbury, New York 11590
Telephone: 516-571-9600

TOWN AND VILLAGE OFFICIALS, COMMITTEES & BOARDS

City Managers Office:
Charles T. Theofan
City Hall
1 West Chester Street
Long Beach, New York 11561
Telephone: 516-431-1000 ext. 201

Long Beach City Council:
Thomas R. Sofield, Jr. - President
City Hall
1 West Chester Street
Long Beach, New York 11561
Telephone: 516-431-1000
Email: tsofield@longbeachny.org

City of Long Beach Department of Transportation:
City Hall
1 West Chester Street
Long Beach, New York 11561
Telephone: 516-431-1000 ext. 326

Community Development:
Laurie Buscemi
Director
City Hall
1 West Chester Street
Long Beach, New York 11561
Telephone: 516-431-1000 ext. 306

City Clerk:
David W. Fraser
City Hall
1 West Chester Street
Long Beach, New York 11561
Telephone: 516-431-1000 ext. 314

Chief of *Fire Department:*
Marco Passaro
Long Beach Fire Department
1 West Chester Street
Long Beach, New York 11561
Telephone: 516-431-2434

Department of *Public Works:*
Robert Raab, Commissioner
City Hall
1 West Chester Street, Room 504
Long Beach, New York 11561
Telephone: 516-431-1000 ext. 262

Water/Sewer Administration:
Judith Burchianti
City Hall
1 West Chester Street, Room 504
Long Beach, New York 11561
Telephone: 516-431-1000 ext. 226

Public Relations:
Kerry Ann Troy
Director
City Hall
1 West Chester Street, Room 504
Long Beach, New York 11561
Telephone: 516-431-1000 ext. 207

Public Library:
Long Beach Public Library
111 West Park Avenue
Long Beach, New York 11561
Telephone: 516-432-7201

OCCUPANTS (RESIDENCES AND BUSINESSES) IN THE AREA OF *THE SITE*

The area that will be covered includes residences and business within the area bounded by East Chester Street to the north, East Park Avenue to the South, Roosevelt Boulevard to the east and Neptune Boulevard to the west. This area includes all businesses and residences immediately adjacent to the Site. Each of the residents and businesses in this area will receive all fact sheets and meeting invitations. As additional information is developed during the Remedial Investigation regarding the nature and extent of off-site contamination (if present), the distribution list will be modified appropriately to include potentially impacted parties.

LOCAL & REGIONAL CIVIC/ENVIRONMENTAL ORGANIZATIONS

Long Beach Chamber of Commerce:
350 National Boulevard
Long Beach, New York 11561
Telephone: 516-432-6000

Economic Opportunity Commission of *Nassau County - Long Beach*

Headstart:
Jean Davis - Deputy Director
134 Jackson Street
Long Beach. New York 11561

American Legion Victor Murtha Post #972:
PO Box 97
Long Beach, New York 11561
Telephone: 516-431-5192

League of *Women Voters:*
248 W. Park Avenue
Suite 238
Long Beach, New York 11561
Telephone: 516-889-4343

Long Beach Latino Civic Association:
52 East Park Avenue
Long Beach. New York 11561
Telephone: 516-889-4912

NAACP - Long Beach Branch:
2003 PO Box 774
Long Beach, New York 11561
Secretary: Judy Murdaugh-Jackson
Email: jmjackson@vjrussolaw.com

Local School Contacts:
Dr. Robert Greenberg
Superintendent
Long Beach Public Schools
235 Lido Boulevard
Long Beach, New York 11561
Telephone: 516-897-2104

LOCAL MEDIA

Newspapers:
Newsday
"Government Watch" Section
235 Pinelawn Road
Melville, New York 11747
Telephone: 631-843-2700

Long Beach Herald
c/o Herald Community Newspapers
2 Endo Boulevard
Garden City, NY 11530
Editor: Douglas Miller, ext. 213
Telephone: 516-569-4000

Radio Stations:

WGBB Broadcasting Station
404 Route 109
West Babylon, New York 11704
Telephone: 631-669-8172

Television Stations:
News 12 Long Island
1 Media Crossways
Woodbury. New York 11797
Telephone: 516-393-1200, select option 5
WLlWTV21
1425 Old Country Road
Plainview. New York 11 803
Telephone: 516-378-3133
Telephone: 516-623-1240
Telephone: 516-454-8866

APPENDIX F

NYSDEC Part 375 Soil Cleanup Objectives

Table 11-1. Final Unrestricted Use SCOs as Presented in 6 NYCRR Part 375-6.8(a).

Unrestricted Use Soil Cleanup Objectives		
Contaminant	**CAS Number**	**Unrestricted Use**
Metals		
Arsenic	7440-38-2	13[c]
Barium	7440-39-3	350[c]
Beryllium	7440-41-7	7.2
Cadmium	7440-43-9	2.5[c]
Chromium, hexavalent[e]	18540-29-9	1[b]
Chromium, trivalent[e]	16065-83-1	30[c]
Copper	7440-50-8	50
Total Cyanide[e,f]		27
Lead	7439-92-1	63[c]
Manganese	7439-96-5	1600[c]
Total Mercury		0.18[c]
Nickel	7440-02-0	30
Selenium	7782-49-2	3.9[c]
Silver	7440-22-4	2
Zinc	7440-66-6	109[c]
PCBs/Pesticides		
2,4,5-TP Acid (Silvex)[f]	93-72-1	3.8
4,4’-DDE	72-55-9	0.0033[b]
4,4’-DDT	50-29-3	0.0033[b]
4,4'-DDD	72-54-8	0.0033[b]
Aldrin	309-00-2	0.005[c]
alpha-BHC	319-84-6	0.02
beta-BHC	319-85-7	0.036

Unrestricted Use Soil Cleanup Objectives		
Contaminant	**CAS Number**	**Unrestricted Use**
Chlordane (alpha)	5103-71-9	0.094
delta-BHC	319-86-8	0.04
Dibenzofuran[f]	132-64-9	7
Dieldrin	60-57-1	0.005[c]
Endosulfan I[d,f]	959-98-8	2.4
Endosulfan II[d,f]	33213-65-9	2.4
Endosulfan sulfate[d,f]	1031-07-8	2.4
Endrin	72-20-8	0.014
Heptachlor	76-44-8	0.042
Lindane	58-89-9	0.1
Polychlorinated biphenyls	1336-36-3	0.1
Semivolatile organic compounds		
Acenaphthene	83-32-9	20
Acenapthylene[f]	208-96-8	100[a]
Anthracene[f]	120-12-7	100[a]
Benz(a)anthracene[f]	56-55-3	1[c]
Benzo(a)pyrene	50-32-8	1[c]
Benzo(b)fluoranthene[f]	205-99-2	1[c]
Benzo(g,h,i)perylene[f]	191-24-2	100
Benzo(k)fluoranthene[f]	207-08-9	0.8[c]
Chrysene[f]	218-01-9	1[c]
Dibenz(a,h)anthracene[f]	53-70-3	0.33[b]
Fluoranthene[f]	206-44-0	100[a]
Fluorene	86-73-7	30
Indeno(1,2,3-cd)pyrene[f]	193-39-5	0.5[c]
m-Cresol[f]	108-39-4	0.33[b]

Unrestricted Use Soil Cleanup Objectives		
Contaminant	**CAS Number**	**Unrestricted Use**
Naphthalene[f]	91-20-3	12
o-Cresol[f]	95-48-7	0.33[b]
p-Cresol[f]	106-44-5	0.33[b]
Pentachlorophenol	87-86-5	0.8[b]
Phenanthrene[f]	85-01-8	100
Phenol	108-95-2	0.33[b]
Pyrene[f]	129-00-0	100
Volatile organic compounds		
1,1,1-Trichloroethane[f]	71-55-6	0.68
1,1-Dichloroethane[f]	75-34-3	0.27
1,1-Dichloroethene[f]	75-35-4	0.33
1,2-Dichlorobenzene[f]	95-50-1	1.1
1,2-Dichloroethane	107-06-2	0.02[c]
cis-1,2-Dichloroethene[f]	156-59-2	0.25
trans-1,2-Dichloroethene[f]	156-60-5	0.19
1,3-Dichlorobenzene[f]	541-73-1	2.4
1,4-Dichlorobenzene	106-46-7	1.8
1,4-Dioxane	123-91-1	0.1[b]
Acetone	67-64-1	0.05
Benzene	71-43-2	0.06
n-Butylbenzene[f]	104-51-8	12
Carbon tetrachloride[f]	56-23-5	0.76
Chlorobenzene	108-90-7	1.1
Chloroform	67-66-3	0.37
Ethylbenzene[f]	100-41-4	1
Hexachlorobenzene[f]	118-74-1	0.33[b]

Unrestricted Use Soil Cleanup Objectives		
Contaminant	**CAS Number**	**Unrestricted Use**
Methyl ethyl ketone	78-93-3	0.12
Methyl tert-butyl ether[f]	1634-04-4	0.93
Methylene chloride	75-09-2	0.05
n-Propylbenzene[f]	103-65-1	3.9
sec-Butylbenzene[f]	135-98-8	11
tert-Butylbenzene[f]	98-06-6	5.9
Tetrachloroethene	127-18-4	1.3
Toluene	108-88-3	0.7
Trichloroethene	79-01-6	0.47
1,2,4-Trimethylbenzene[f]	95-63-6	3.6
1,3,5-Trimethylbenzene[f]	108-67-8	8.4
Vinyl chloride[f]	75-01-4	0.02
Xylene (mixed)	1330-20-7	0.26

All Soil clean up objectives (SCOs) are in parts per million (ppm).
Footnotes:
[a] The SCOs for unrestricted use were capped at a maximum value of 100 ppm, as discussed in the TSD.
[b] For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
[c] For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
[d] SCO is the sum of Endosulfan I, Endosulfan II and Endosulfan Sulfate.
[e] The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
[f] Protection of ecological resources soil cleanup objectives were not developed for contaminants identified in Table 375-6.7(b) with "NS". Where such contaminants appear in Table 375-6.7(a), the applicant may be required by the Department to calculate a protection of ecological resources soil cleanup objective according to the Technical Support Document.

Table 11-2. Final Restricted Use SCOs as Presented in 6 NYCRR Part 375-6.8(b).

Restricted Use Soil Cleanup Objectives							
		Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
Contaminant	CAS Number	Residential	Restricted-Residential	Commercial	Industrial		
Metals							
Arsenic	7440-38-2	16[f]	16[f]	16[f]	16[f]	13[f]	16[f]
Barium	7440-39-3	350[f]	400	400	10,000[d]	433	820
Beryllium	7440-41-7	14	72	590	2,700	10	47
Cadmium	7440-43-9	2.5[f]	4.3	9.3	60	4	7.5
Chromium, hexavalent[h]	18540-29-9	22	110	400	800	1[e]	19
Chromium, trivalent[h]	16065-83-1	36	180	1,500	6,800	41	NS
Copper	7440-50-8	270	270	270	10,000[d]	50	1,720
Total Cyanide[h]		27	27	27	10,000[d]	NS	40
Lead	7439-92-1	400	400	1,000	3,900	63[f]	450
Manganese	7439-96-5	2,000[f]	2,000[f]	10,000[d]	10,000[d]	1600[f]	2,000[f]
Total Mercury		0.81[j]	0.81[j]	2.8[j]	5.7[j]	0.18[f]	0.73
Nickel	7440-02-0	140	310	310	10,000[d]	30	130
Selenium	7782-49-2	36	180	1,500	6,800	3.9[f]	4[f]
Silver	7440-22-4	36	180	1,500	6,800	2	8.3
Zinc	7440-66-6	2200	10,000[d]	10,000[d]	10,000[d]	109[f]	2,480
PCBs/Pesticides							
2,4,5-TP Acid (Silvex)	93-72-1	58	100[a]	500[b]	1,000[c]	NS	3.8
4,4’-DDE	72-55-9	1.8	8.9	62	120	0.0033 [e l]	17
4,4’-DDT	50-29-3	1.7	7.9	47	94	0.0033 [e l]	136
4,4'-DDD	72-54-8	2.6	13	92	180	0.0033 [e l]	14

Restricted Use Soil Cleanup Objectives							
		Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
Contaminant	CAS Number	Residential	Restricted-Residential	Commercial	Industrial		
Aldrin	309-00-2	0.019	0.097	0.68	1.4	0.14	0.19
alpha-BHC	319-84-6	0.097	0.48	3.4	6.8	0.04[k]	0.02
beta-BHC	319-85-7	0.072	0.36	3	14	0.6	0.09
Chlordane (alpha)	5103-71-9	0.91	4.2	24	47	1.3	2.9
delta-BHC	319-86-8	100[a]	100[a]	500[b]	1,000[c]	0.04[k]	0.25
Dibenzofuran	132-64-9	14	59	350	1,000[c]	NS	210
Dieldrin	60-57-1	0.039	0.2	1.4	2.8	0.006	0.1
Endosulfan I	959-98-8	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan II	33213-65-9	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan sulfate	1031-07-8	4.8[i]	24[i]	200[i]	920[i]	NS	1,000[c]
Endrin	72-20-8	2.2	11	89	410	0.014	0.06
Heptachlor	76-44-8	0.42	2.1	15	29	0.14	0.38
Lindane	58-89-9	0.28	1.3	9.2	23	6	0.1
Polychlorinated biphenyls	1336-36-3	1	1	1	25	1	3.2
Semivolatiles							
Acenaphthene	83-32-9	100[a]	100[a]	500[b]	1,000[c]	20	98
Acenapthylene	208-96-8	100[a]	100[a]	500[b]	1,000[c]	NS	107
Anthracene	120-12-7	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benz(a)anthracene	56-55-3	1[f]	1[f]	5.6	11	NS	1[f]
Benzo(a)pyrene	50-32-8	1[f]	1[f]	1[f]	1.1	2.6	22
Benzo(b)fluoranthene	205-99-2	1[f]	1[f]	5.6	11	NS	1.7
Benzo(g,h,i)perylene	191-24-2	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benzo(k)fluoranthene	207-08-9	1	3.9	56	110	NS	1.7

Restricted Use Soil Cleanup Objectives							
		Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
Contaminant	CAS Number	Residential	Restricted-Residential	Commercial	Industrial		
Chrysene	218-01-9	1[f]	3.9	56	110	NS	1[f]
Dibenz(a,h)anthracene	53-70-3	0.33[e]	0.33[e]	0.56	1.1	NS	1,000[c]
Fluoranthene	206-44-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Fluorene	86-73-7	100[a]	100[a]	500[b]	1,000[c]	30	386
Indeno(1,2,3-cd)pyrene	193-39-5	0.5[f]	0.5[f]	5.6	11	NS	8.2
m-Cresol	108-39-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
Naphthalene	91-20-3	100[a]	100[a]	500[b]	1,000[c]	NS	12
o-Cresol	95-48-7	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
p-Cresol	106-44-5	34	100[a]	500[b]	1,000[c]	NS	0.33[e]
Pentachlorophenol	87-86-5	2.4	6.7	6.7	55	0.8[e]	0.8[e]
Phenanthrene	85-01-8	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Phenol	108-95-2	100[a]	100[a]	500[b]	1,000[c]	30	0.33[e]
Pyrene	129-00-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Volatiles							
1,1,1-Trichloroethane	71-55-6	100[a]	100[a]	500[b]	1,000[c]	NS	0.68
1,1-Dichloroethane	75-34-3	19	26	240	480	NS	0.27
1,1-Dichloroethene	75-35-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33
1,2-Dichlorobenzene	95-50-1	100[a]	100[a]	500[b]	1,000[c]	NS	1.1
1,2-Dichloroethane	107-06-2	2.3	3.1	30	60	10	0.02[f]
cis-1,2-Dichloroethene	156-59-2	59	100[a]	500[b]	1,000[c]	NS	0.25
trans-1,2-Dichloroethene	156-60-5	100[a]	100[a]	500[b]	1,000[c]	NS	0.19
1,3-Dichlorobenzene	541-73-1	17	49	280	560	NS	2.4

Restricted Use Soil Cleanup Objectives							
		Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
Contaminant	CAS Number	Residential	Restricted-Residential	Commercial	Industrial		
1,4-Dichlorobenzene	106-46-7	9.8	13	130	250	20	1.8
1,4-Dioxane	123-91-1	9.8	13	130	250	0.1[e]	0.1[e]
Acetone	67-64-1	100[a]	100[b]	500[b]	1,000[c]	2.2	0.05
Benzene	71-43-2	2.9	4.8	44	89	70	0.06
n-Butylbenzene	104-51-8	100[a]	100[a]	500[b]	1,000[c]	NS	12
Carbon tetrachloride	56-23-5	1.4	2.4	22	44	NS	0.76
Chlorobenzene	108-90-7	100[a]	100[a]	500[b]	1,000[c]	40	1.1
Chloroform	67-66-3	10	49	350	700	12	0.37
Ethylbenzene	100-41-4	30	41	390	780	NS	1
Hexachlorobenzene	118-74-1	0.33[e]	1.2	6	12	NS	3.2
Methyl ethyl ketone	78-93-3	100[a]	100[a]	500[b]	1,000[c]	100[a]	0.12
Methyl tert-butyl ether	1634-04-4	62	100[a]	500[b]	1,000[c]	NS	0.93
Methylene chloride	75-09-2	51	100[a]	500[b]	1,000[c]	12	0.05
n-Propylbenzene	103-65-1	100[a]	100[a]	500[b]	1,000[c]	NS	3.9
sec-Butylbenzene	135-98-8	100[a]	100[a]	500[b]	1,000[c]	NS	11
tert-Butylbenzene	98-06-6	100[a]	100[a]	500[b]	1,000[c]	NS	5.9
Tetrachloroethene	127-18-4	5.5	19	150	300	2	1.3
Toluene	108-88-3	100[a]	100[a]	500[b]	1,000[c]	36	0.7
Trichloroethene	79-01-6	10	21	200	400	2	0.47
1,2,4-Trimethylbenzene	95-63-6	47	52	190	380	NS	3.6
1,3,5-Trimethylbenzene	108-67-8	47	52	190	380	NS	8.4
Vinyl chloride	75-01-4	0.21	0.9	13	27	NS	0.02
Xylene (mixed)	1330-20-7	100[a]	100[a]	500[b]	1,000[c]	0.26	1.6

All Soil clean up objectives (SCOs) are in parts per million (ppm).
NS=Not specified. See Technical Support Document (TSD).
Footnotes:
[a] The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm, see TSD Section 9.3.
[b] The SCOs for commercial use were capped at a maximum value of 500 ppm, see TSD Section 9.3.
[c] The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm, see TSD Section 9.3.
[d] The SCOs for metals were capped at a maximum value of 10,000 ppm, see TSD Section 9.3.
[e] For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the SCO value.
[f] For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
[g] SCO is the sum of DDD, DDE and DDT.
[h] The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
[i] This SCO is for the sum of Endosulfan I, Endosulfan II and Endosulfan Sulfate.
[j] This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts), see TSD table 5.6-1.
[k] This SCO is derived from data on mixed isomers of BHC.
[l] This SCO is for the sum of DDD, DDE and DDT.

APPENDIX G

Lithology Soil Boring Log and Photographs

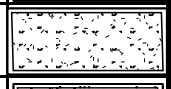
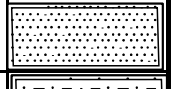
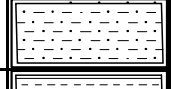
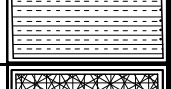
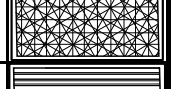
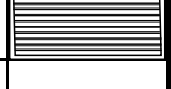
LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG DATE: November 5, 2009

Client:	Law Office of Theodore W. Firetog	Boring ID.	LB-01
Site Name:	Fashion Cleaners, DEC Code # 130170	Boring Location:	2 Ft Off MW-05
Site Location:	641 E. Park Ave, Long Beach, NY	Surface Elev. (ft):	Grade
LEA Job#:	08-408	DTW (ft) :	4.5 Ft

Field Geologist:	BCM	Drill Type:	6610 DT Geoprobe®
Driller:	STB	Sample Type:	Split_____
Weather Cond.	55 Degrees Fahrenheit		Grab_____
Temp:	Overcast		Core_X__

SOIL TYPE CODES

Well graded gravels or gravel/sand mix (GW)	
Poorly graded gravels or gravel/sand mix (GP)	
Well graded sands, gravelly sands, no fines (SW)	
Poorly graded sands, gravelly sands, no fines (SP)	
Silty sands, sand silt mixtures (SM)	
Inorganic silts, fine sand, silty-clayey fine sands (ML)	
Inorganic clays, gravely/ sandy clays, silty clays (CL)	
Organic silts, organic silty clays of low plasticity (OL)	
Organic clays of med. to high plasticity, organic silts (OH)	
Peat and other highly organic soils (PT)	
Bedrock etc. (BD)	
Other (fill, etc)	

Notes: Hand cleared first 5 ft with hand auger. Sampled in 5 ft intervals with DT22 Dual Tube System.

Ft.	Boring	PID (ppm)	Description/Remarks
0			
1	NA PT	0.0	concrete, 4 inch slab loamy topsoil
2	SW SW	0.0	tan, medium sand, dry, no odor ""
3	SW SW	0.0	"" ""
4	SW SW	0.0	"" "", copper bands
5	SW SW	0.0	"", moist gray, medium sand, moist, no odor
6	SW ML	0.0	"" silty, gray sand, moist, no odor
7	ML SW	0.0	"" dark gray, silty clay, moist, no odor
8	SW SW	0.0	Gray, silty sand, moist, no odor ""
9	OL/PT OL/PT	0.0	dark gray, silty, spongy clay, moist, no odor ""
10	OL/PT SW	0.0	"" (1.5 inches) gray, fine sand, moist, no odor
11	SW SW	0.0	"" ""
12	SW SW	0.0	"" "", 6-inch layer of shells
13	SW SW	0.0	"" "", 3-inch dark gray layer
14	SW SW	0.0	"" ""
15	SW SW	0.0	"", 3-inch medium gray sand and shells dark gray, fine sand, moist, no odor

* =Depth relative to grade

"" = Same as above

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

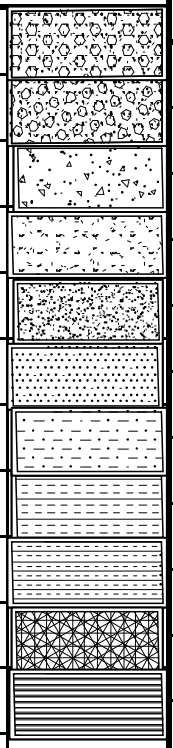
SOIL BORING LOG DATE: November 5, 2009

Client:	Law Office of Theodore W. Firetog	Boring ID.	LB-01
Site Name:	Fashion Cleaners, DEC Code # 130170	Boring Location:	2 Ft Off MW-05
Site Location:	641 E. Park Ave, Long Beach, NY	Surface Elev. (ft):	Grade
LEA Job#:	08-408	DTW (ft) :	4.5 Ft

Field Geologist:	BCM	Drill Type:	6610 DT Geoprobe®
Driller:	STB	Sample Type:	Split_____
Weather Cond.	55 Degrees Fahrenheit		Grab_____
Temp:	Overcast		Core_X__

SOIL TYPE CODES

- Well graded gravels or gravel/sand mix (GW)
- Poorly graded gravels or gravel/sand mix (GP)
- Well graded sands, gravelly sands, no fines (SW)
- Poorly graded sands, gravelly sands, no fines (SP)
- Silty sands, sand silt mixtures (SM)
- Inorganic silts, fine sand, silty-clayey fine sands (ML)
- Inorganic clays, gravely/ sandy clays, silty clays (CL)
- Organic silts, organic silty clays of low plasticity (OL)
- Organic clays of med. to high plasticity, organic silts (OH)
- Peat and other highly organic soils (PT)
- Bedrock etc. (BD)
- Other (fill, etc)



Ft.	Boring	PID (ppm)	Description/Remarks
15			
	SW	0.0	dark gray, fine sand, moist, no odor
16	SW		""
	SW	0.0	gray, fine sand, moist, no odor
17	SW		"", medium sand
	OH	0.0	dark gray, silty, spongy, organic clay (3 inches)
18	SW		gray, fine sand, moist, no odor
	ML	0.0	light gray, medium sand, moist, organic odor
19	ML		""
	ML	0.0	""
20	ML		"", shells
	ML	0.0	""
21	ML		""
	ML	0.0	""
22	ML		""
	ML	0.0	dark gray, fine sand, moist, organic odor
23	OH		dark gray, silty peat, organic odors & matter
	OH	0.0	""
24	OH		""
	OH	0.0	""
25	ML		dark gray, fine sand, moist, organic odor
	ML	0.0	"", small recovery
26	ML		"", small recovery
	ML	0.0	"", small recovery
27	ML		"", small recovery
	ML	0.0	"", small recovery
28	ML		"", small recovery
	ML	0.0	"", small recovery
29	ML		"", small recovery
	ML	0.0	"", small recovery
30	ML		"", small recovery

Notes: Stuck liner at 20-25 ft. Moved 2 ft south and drove closed-piston Macro-Core to 20 ft and begun sampling continuously in 5 ft intervals. Heaving sands prevented further use of DT22 System.

* =Depth relative to grade

"" = Same as above

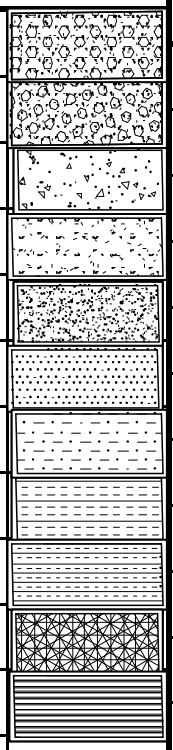
LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG DATE: November 5, 2009

Client:	Law Office of Theodore W. Firetog	Boring ID.	LB-01
Site Name:	Fashion Cleaners, DEC Code # 130170	Boring Location:	2 Ft Off MW-05
Site Location:	641 E. Park Ave, Long Beach, NY	Surface Elev. (ft):	Grade
LEA Job#:	08-408	DTW (ft) :	4.5 Ft

Field Geologist:	BCM	Drill Type:	6610 DT Geoprobe®
Driller:	STB	Sample Type:	Split_____
Weather Cond.	55 Degrees Fahrenheit		Grab_____
Temp:	Overcast		Core_X__

SOIL TYPE CODES



- Well graded gravels or gravel/sand mix (GW)
- Poorly graded gravels or gravel/sand mix (GP)
- Well graded sands, gravelly sands, no fines (SW)
- Poorly graded sands, gravelly sands, no fines (SP)
- Silty sands, sand silt mixtures (SM)
- Inorganic silts, fine sand, silty-clayey fine sands (ML)
- Inorganic clays, gravely/ sandy clays, silty clays (CL)
- Organic silts, organic silty clays of low plasticity (OL)
- Organic clays of med. to high plasticity, organic silts (OH)
- Peat and other highly organic soils (PT)
- Bedrock etc. (BD)
- Other (fill, etc)

Notes: Boring on November 5th stopped at 45 ft below grade.

Ft.	Boring	PID (ppm)	Description/Remarks
30	ML	0.0	dark gray, fine sand, moist, organic odors
31	ML		""
32	ML	0.0	""
	ML		""
33	OH	0.0	dark gray, silty peat, organic odors & matter
	OH		""
34	OH	0.0	""
	OH		""
35	OH	0.0	""
	ML		dark gray, fine sand, moist, organic odors
36	OH	0.0	dark gray, silty peat, organic odors & matter
	OH		""
37	OH	0.0	""
	OH		""
38	OH	0.0	""
	OH		""
39	OH	0.0	""
	OH		""
40	OH	0.0	""
	OH		""
41	OL	0.0	dark gray, silty, spongy clay/peat, organic
	OL		""
42	OL	0.0	""
	OH		"", black, stiff
43	ML	0.0	gray, fine sand, some silty clay, organics
	ML		""
44	ML	0.0	""""
	ML		""
45	ML	0.0	""
	ML		""

* =Depth relative to grade

"" = Same as above

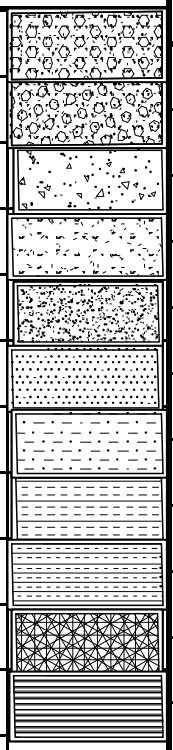
LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG DATE: November 9, 2009

Client:	Law Office of Theodore W. Firetog	Boring ID.	LB-01
Site Name:	Fashion Cleaners, DEC Code # 130170	Boring Location:	2 Ft Off MW-05
Site Location:	641 E. Park Ave, Long Beach, NY	Surface Elev. (ft):	Grade
LEA Job#:	08-408	DTW (ft) :	4.5 Ft

Field Geologist:	THJ	Drill Type:	6610 DT Geoprobe®
Driller:	STB	Sample Type:	Split_____
Weather Cond.	65 Degrees Fahrenheit		Grab_____
Temp:	Overcast		Core_X__

SOIL TYPE CODES



- Well graded gravels or gravel/sand mix (GW)
- Poorly graded gravels or gravel/sand mix (GP)
- Well graded sands, gravelly sands, no fines (SW)
- Poorly graded sands, gravelly sands, no fines (SP)
- Silty sands, sand silt mixtures (SM)
- Inorganic silts, fine sand, silty-clayey fine sands (ML)
- Inorganic clays, gravely/ sandy clays, silty clays (CL)
- Organic silts, organic silty clays of low plasticity (OL)
- Organic clays of med. to high plasticity, organic silts (OH)
- Peat and other highly organic soils (PT)
- Bedrock etc. (BD)
- Other (fill, etc)

Notes: Boring continued on Nobember 9th.
Samples collected using MC5 closed-piston Macro-Core System in 5 ft intervals.

Ft.	Boring	PID (ppm)	Description/Remarks
45	ML	0.0	gray, fine sand, moist, organic odor
46	ML		""
	ML	0.0	""
47	ML		""
	ML	0.0	""
48	ML		""
	ML	0.0	""
49	ML		""
	ML	0.0	""
50	ML		""
	ML	0.0	""
51	ML		""
	ML	0.0	""
52	ML		""
	ML	0.0	""
53	ML		""
	ML	0.0	""
54	ML		""
	ML	0.0	""
55	ML		""
	SP	0.0	gray, gravelly sand, moist, organic odor
56	SP		""
	SP	0.0	""
57	SP		""
	SP	0.0	""
58	SP		"", larger gravel
	ML	0.0	gray, fine gravelly sand, moist
59	ML		"", organic odor
	ML	0.0	"", organic odor
60	ML		"", organic odor

* =Depth relative to grade

"" = Same as above

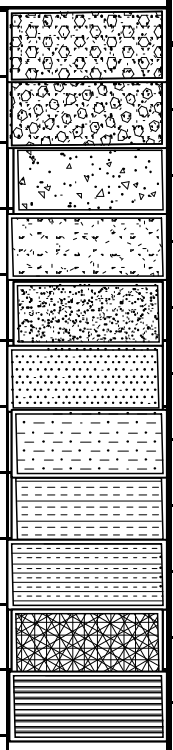
LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG DATE: November 9, 2009

Client:	Law Office of Theodore W. Firetog	Boring ID.	LB-01
Site Name:	Fashion Cleaners, DEC Code # 130170	Boring Location:	2 Ft Off MW-05
Site Location:	641 E. Park Ave, Long Beach, NY	Surface Elev. (ft):	Grade
LEA Job#:	08-408	DTW (ft) :	4.5 Ft

Field Geologist:	THJ	Drill Type:	6610 DT Geoprobe®
Driller:	STB	Sample Type:	Split_____
Weather Cond.	65 Degrees Fahrenheit		Grab_____
Temp:	Overcast		Core_X__

SOIL TYPE CODES



- Well graded gravels or gravel/sand mix (GW)
- Poorly graded gravels or gravel/sand mix (GP)
- Well graded sands, gravelly sands, no fines (SW)
- Poorly graded sands, gravelly sands, no fines (SP)
- Silty sands, sand silt mixtures (SM)
- Inorganic silts, fine sand, silty-clayey fine sands (ML)
- Inorganic clays, gravely/ sandy clays, silty clays (CL)
- Organic silts, organic silty clays of low plasticity (OL)
- Organic clays of med. to high plasticity, organic silts (OH)
- Peat and other highly organic soils (PT)
- Bedrock etc. (BD)
- Other (fill, etc)

Ft.	Boring	PID (ppm)	Description/Remarks
60			
61	ML ML	0.0	gray, fine, gravelly sand, moist, organic odor ""
62	SM SM	0.0	dark gray, silty, dense sand, moist, some gravel ""
63	SM ML	0.0	"" gray, fine sand, moist, organic odor
64			Not Sampled ""
65			"" ""
66			"" ""
67			"" ""
68			"" ""
69	ML ML		well graded fine gray sands, moist ""
70	ML ML		"" ""
71	ML/CL ML		"", 2 inches of clay well graded fine sands, moist, organic odor
72	ML ML		"" ""
73	ML ML		"" ""
74	ML ML		"" ""
75	ML ML		"" ""

Notes: Refusal at 63 Ft. Machine unable to drive rods deeper. Boring continued on July 22, 2010 after machine upgrades.

* =Depth relative to grade

"" = Same as above

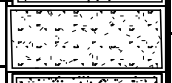
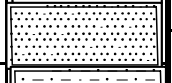
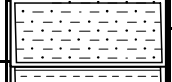
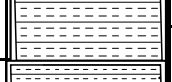
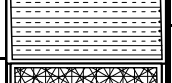
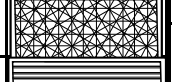
LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG DATE: July 22, 2010

Client:	Law Office of Theodore W. Firetog	Boring ID.	LB-01
Site Name:	Fashion Cleaners, DEC Code # 130170	Boring Location:	2 Ft Off MW-05
Site Location:	641 E. Park Ave, Long Beach, NY	Surface Elev. (ft):	Grade
LEA Job#:	08-408	DTW (ft) :	4.5 Ft

Field Geologist:	SAY/CEM	Drill Type:	6610 DT Geoprobe®
Driller:	STB	Sample Type:	Split_____
Weather Cond.	85 Degrees Fahrenheit		Grab_____
Temp:	Overcast		Core_X__

SOIL TYPE CODES

Well graded gravels or gravel/sand mix (GW)	
Poorly graded gravels or gravel/sand mix (GP)	
Well graded sands, gravelly sands, no fines (SW)	
Poorly graded sands, gravelly sands, no fines (SP)	
Silty sands, sand silt mixtures (SM)	
Inorganic silts, fine sand, silty-clayey fine sands (ML)	
Inorganic clays, gravely/ sandy clays, silty clays (CL)	
Organic silts, organic silty clays of low plasticity (OL)	
Organic clays of med. to high plasticity, organic silts (OH)	
Peat and other highly organic soils (PT)	
Bedrock etc. (BD)	
Other (fill, etc)	

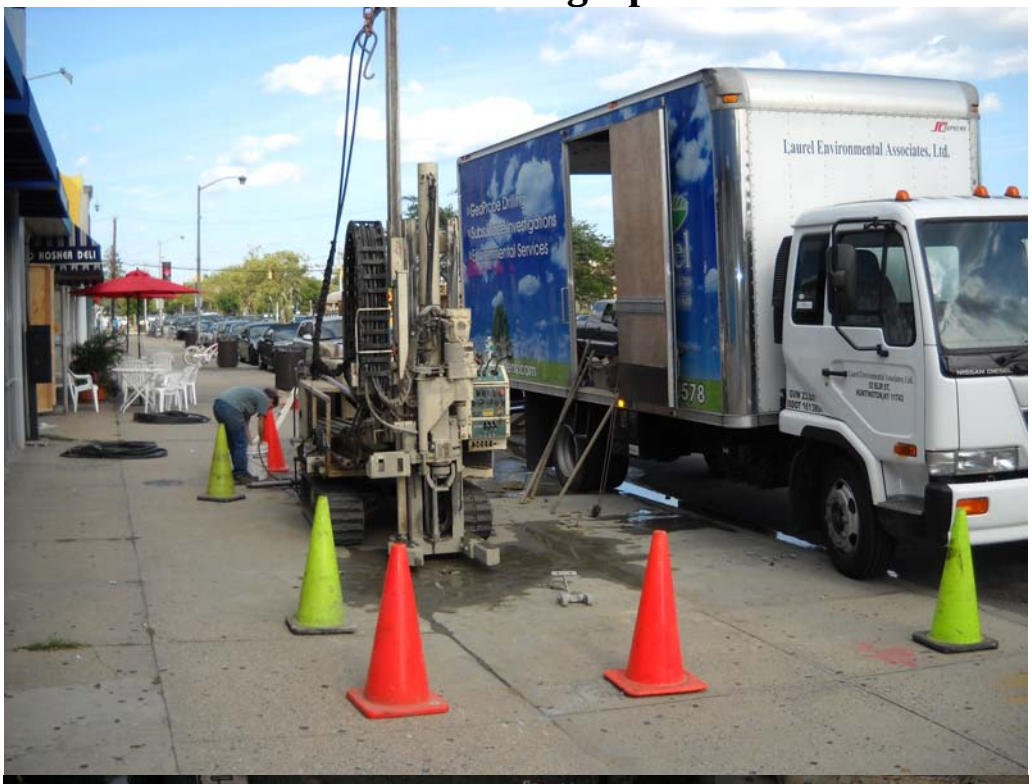
Notes: Refusal at 90 Ft. Machine unable to drive rods deeper. No evidence of the Gardiners Clay observed in 90 foot column.

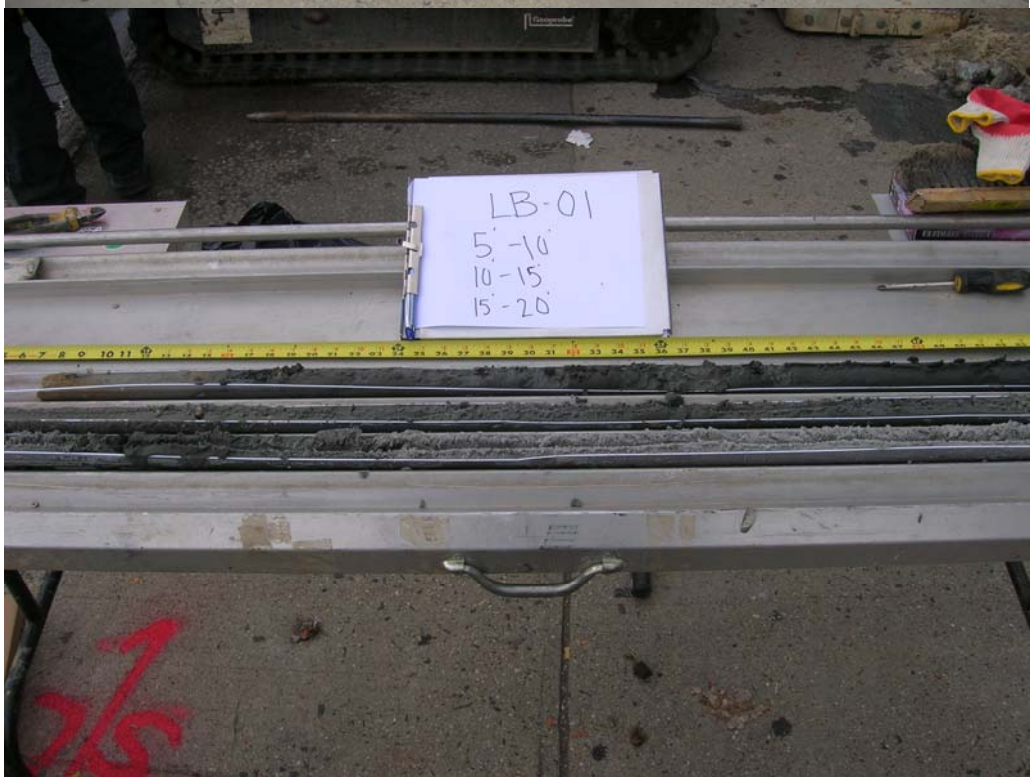
Ft. *	Boring	PID (ppm)	Description/Remarks
75	ML	0.0	well graded fine sand, tan, moist, organic odor
76	ML		""
	ML	0.0	""
77	ML		""
	ML	0.0	""
78	ML		""
	ML		""
79	ML		""
	ML		""
80	ML		""
	ML		""
81	ML		""
	ML		""
82	ML		""
	ML		""
83	ML		""
	ML		""
84	ML		""
	ML		""
85	ML		""
	ML		""
86	ML		""
	ML		""
87	ML		""
	ML		""
88	ML		""
	ML		""
89	ML		""
	ML		""
90	ML		"", refusal

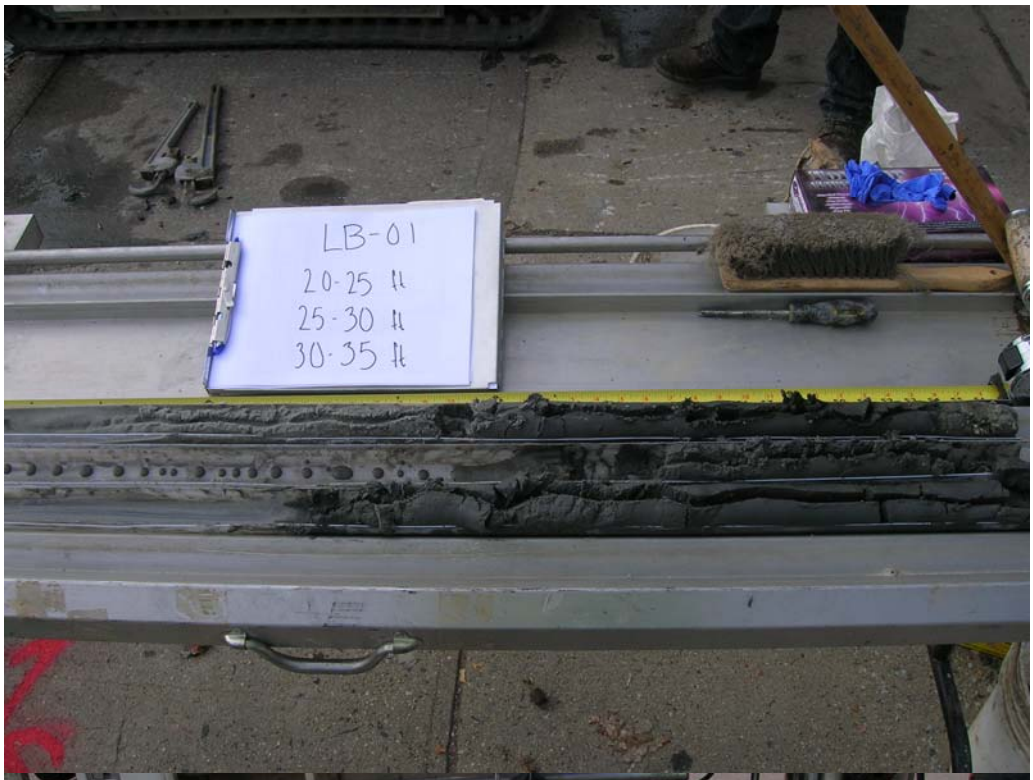
* =Depth relative to grade

"" = Same as above

LB-01 Photographs






LB-01
20-25 ft
25-30 ft
30-35 ft


6610DT
LB-01
35-40 ft
40-45 ft


LB-01
45-50'
50-55'


LB-01
55-60'
60-63'


LB -01
69' - 71'
75' - 80'
85' - 90'
STORAGE

APPENDIX H

SVE System Design, Construction and Monitoring Plan

SVE SYSTEM DESIGN CONSTRUCTION AND MONITORING PLAN

FASHION CLEANERS
641 EAST PARK AVENUE
LONG BEACH, NEW YORK 11561

September 2010, Revised October 2010
NYSDEC Site Code # 130170
Order of Consent # A1-0589-0507
***LEA* PROJECT # 08-408**

LIST OF FIGURES

LIST OF ATTACHMENTS

1.0 BACKGROUND INFORMATION

Soil vapor extraction (SVE) is an *in-situ* soil remediation technology, to be used in the unsaturated (vadose) zone, in which a vacuum would be applied to the soil to induce the controlled flow of air and remove volatile contaminants such as PCE from the soil. The increased air flow through the subsurface can also stimulate biodegradation of the remaining the contaminants, especially those that are less volatile. As gases leave the soil, they are recovered within granular activated carbon (GAC) drums. The radius of influence for the SVE wells was confirmed at 20 feet during the pilot test.

2.0 PROCEDURE

During Laurel Environmental Associates, Ltd.'s (***LEA's)*** Remedial Investigation activities, 2-inch diameter PVC soil vapor extraction (SVE) wells were installed in preparation to implement the SVE system. One well was installed immediately north of the former dry cleaning machinery room and one well was installed in the rear courtyard, off the northwest corner of the boiler room. The wells were set to approximately 3 feet below grade with 2 feet of .020" slot screen in the vadose zone. No additional components of an SVE system have been conducted or installed to date. However, a pilot test of the proposed SVE system was conducted in March 2010. The testing showed subsurface conditions at the Site are favorable to implement such a system.

The SVE system will be finished with additional SVE points, piping and equipment in the following manner:

1. The SVE system will be constructed with flexibility to add additional SVE points and piping if required in the future.
2. A total of seven 2-inch diameter PVC .020" slot screens will be installed to 3 feet below grade at the site and neighboring businesses. Three will be installed inside the site building, one will be installed behind the site building, two will be installed in the Kings Pharmacy basement and one will be installed in Lido Kosher Deli. These locations were determined by ***LEA***, based on the results of the pilot study and with input from the NYSDEC, NYSDOH and/or property owners/tenants.
3. 2-inch schedule 40 PVC piping will be run above and below grade to a dedicated blower. Each set of piping will have an adjustable ball valve and pressure gauge to fine-tune air flow from each extraction area for optimum system efficiency.
4. A 5.5 hp Gast Regenair regenerative blower, or equivalent, with a variable frequency controller set at up to 60" H_2O with a 215 scfm flow rate will be used for the system.
5. The pump, blower, cooler, moisture knockout drum, and system gauges will be stored in an all-weather shed or within the boiler room for year-round, full-time operation.

6. Two 170 pound granular activated carbon (GAC) vessels will be located adjacent to the shed or boiler room, as will the system headers and gauges. Eight backup drums will be staged at the Site during the startup period.
7. Prior to full-time operation, the SVE system will be thoroughly tested by an experienced professional to ensure proper operation. The testing will be performed in accordance with the procedures described in Section 4.3 of the NYSDOH Soil Vapor Intrusion Guidance. Pressure testing and indoor air testing will be conducted as described in the Soil Vapor Intrusion Guidance, at a minimum, within the Former Fashion Cleaners space and two adjacent commercial spaces. A pressure field extension test will be conducted to confirm that a vacuum of at least 0.004" w.c. is produced within the treatment zone (Fashion Cleaners and the two adjoining commercial spaces.
8. A dedicated power source for the system will be provided.
9. System startup monitoring will consist of system inspection and effluent sampling daily during the first week, then weekly for the first month and monthly thereafter. The GACs will be replaced as monitoring indicates is necessary.
10. An electronic telemetry unit will be installed and will notify ***LEA*** staff, building management and/or maintenance staff in the event that a system failure occurs.
11. The temporary or permanent shutdown of the SVE system will require approval of the NYSDEC.

3.0 MONITORING PLAN

Based on the results of remedial investigations at the site, the plan will include the sampling schedule, maintenance of the systems and reporting.

1. Monitoring during SVE System Startup will take place daily for the first week of operation, the weekly for the remainder of the first month of operation. After initial startup, the system will be monitored for operation 24 hours per day through the use of a remote telemetry unit that will contact ***LEA*** personnel any time the system shuts down. A ***LEA*** staff member will visit the site on a monthly basis to ensure that the system is functioning properly. During all monitoring event, a photoionization detector (PID) will be utilized to collect PID readings from each of the sample/screening ports installed on the system. Vacuum pressure, air flow and temperature readings will also be recorded and maintained in a monthly log.

2. One round of post-system installation air sampling will be completed. Samples will be collected per the Sampling and Analysis will be limited to target analytes as determined by previous sampling data as well as breakdown products. However, additional sampling events may be required by the NYSDEC or NYSDOH based on the results of confirmatory sampling.

3. If it is determined from the review of the indoor air and groundwater sampling results that additional measures are required to improve the effectiveness of the systems, then additional measures will be implemented. The measures may include the installation of additional extraction points for soil vapor in the areas of concern.

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4. The operation of the components of the remedy will continue until the remedial objectives have been achieved, or until the NYSDEC determines that continued operation is not needed because the remedial goals were achieved or the concentration of the contaminants are asymptotic as referenced in Draft Technical Guidance Document, DER-10, Section 6.6.

3.1 RECORDS MANAGEMENT

A dedicated notebook will remain at site to keep monthly inspection system readings. Records of site visits, measurement of system and effluent suppression performance, air and groundwater monitoring data and any other work performed at the site will be kept in hard copy and digital files at the offices of Laurel Environmental Associates, Ltd. for at least 7 years after work is completed. Reports will be sent to all entities noted on the Distribution List on page 4.

3.2 SAMPLING PLAN

A round of indoor air sampling will be conducted after the system is fully installed and operational. The frequency of additional sampling events will be based upon requirements of the NYSDEC and NYSDOH.

Samples will be collected in the following manner:

Indoor and outdoor air samples will be collected from four (4) locations using Summa Whole Air Canisters during the heating season. Samples will be collected over a 24-hour period from one location in each; the Site building, Lido Kosher Deli and Kings Pharmacy. In addition, a concurrent outdoor ambient air sample will be collected for comparison purposes. Samples will be analyzed for VOCs by USEPA Method TO-15, with minimum detection limits of 0.25 mcg/m^3 for TCE and 1 mcg/m^3 for PCE, cis 1,2 DCE, trans 1,2 DCE, and vinyl chloride.

If it is determined from the review of the sampling results that additional measures are required to improve the effectiveness of the system, then the measures will be implemented. The measures may include the installation of additional extraction points for soil vapor in the areas of concern and/or the installation of new monitoring wells.

3.3 SVE PERFORMANCE MONITORING LOCATIONS AND PROCEDURES

3.3.1 Influent Sampling

Influent air will be collected and field screened monthly using a Tedlar bag to collect the sample at a port before treatment and at a port between the drums of granular activated carbon (GAC). The samples will be field-screened using a PID with a 10.6 eV bulb on a monthly basis. A sample will be submitted for PCE and TCE analysis on a yearly basis using USEPA Method TO15.

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3.3.2 Effluent Sampling

Effluent air will be collected and field screened monthly using a Tedlar bag to collect the sample at a port after treatment by two drums of granular activated carbon (GAC). The samples will be field-screened using a PID with a 10.6 eV bulb on a monthly basis. A sample will be submitted for PCE and TCE analysis on a yearly basis using USEPA Method TO15 or when PID readings are over 5 PPM.

3.3.3 Analytical Program

Groundwater analysis will be performed at laboratories having USEPA CLP and NYSDOH ELAP certifications. Air sample analysis will be performed at laboratories having ACGIH and NYSDOH ELAP certifications.

3.3.4 Analytical Schedules and Methods

Air samples will be analyzed using NYSDOH 311-9. Groundwater samples will be analyzed using USEPA Method 8260B.

3.3.5 Laboratory QA/QC Requirements

The selected laboratory for groundwater samples will be completing the chemical analysis of samples in strict accordance with protocols set forth in NYSDEC Analytical Services Protocols, (ASP), June, 2000, or other state or federal agency protocols, where necessary. Specific analytical methods are provided in are provided in each report. Where necessary, reporting and deliverables (data package) will be completed in accordance with ASP Category B requirements; the reporting and deliverables document will be submitted as an appendix to the report. Air samples will be subject those requirements set forth by ACGIH and NYSDOH ELAP.

3.3.6 Laboratory Reporting and Deliverables

Category B laboratory data deliverables as defined in the analytical services protocol (ASP June 2000)

3.3.7 Special Analytical Protocols

None.

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3.3.8 Laboratory Certification

ACGIH, NYSOH ELAP, USEPA CLP.

3.3.9 Statistical Methods Used

As required by CLP.

3.3.10 Laboratory QA/QC Record Management

As required by CLP.

4.0 SITE MAINTENANCE AND INSPECTIONS

4.1 MAINTENANCE ACTIVITIES

4.1.1 Site Signs

A sign shall be posted on the effluent pipe and in the SVE control area stating "OFF LIMITS". The SVE system and drums will be positioned off the north wall of the rear boiler room.

4.1.2 System Components

The SVE system consists of a 5.5 hp Gast Regenair regenerative blower, or equivalent, with a variable frequency controller set at up to 60" H_2O with a 215 scfm flow rate will be used for the system. The blower system discharges PCE-laden air through a four-inch diameter PVC pipe into two 55-gallon granulated activated carbon canisters (GAC). The final emissions discharge point is 5 feet above the building roofline. The maximum flow the stack will discharge is 215 scfm. The system will be fitted with adequate visual and electronic monitoring devices to measure vaccuum pressure and verify proper performance. This will include gauges capable of measuring vacuum in the range of 0 – 2" w.c. or similar as suitable.

4.1.3 Preventative Maintenance Schedules

Monthly inspections of systems including removal of water from pipe and knockout drum when present. Replacement/rotation of GAC drums if effluent level is over 1 ppm as measured by PID.

4.1.4 Requirements for Disposal of Spent Material and Waste

Spent granular activated carbon will be picked up and disposed of or re-generated by Carbtrol, General Carbon or a similar contractor.

4.1.5 System Alerts

An electronic telemetry unit will be installed and will notify ***LEA*** staff, building management and/or maintenance staff in the event that a system failure occurs.

4.2 INSPECTIONS

4.2.1 Inspection Schedule and Requirements

Inspections will take place monthly and will record a visual inspection of SVE system pressure, air flow, temperature, concentrations of influent, between the GAC drums and effluent. Testing with PID between carbon vessels will be conducted to determine breakthrough from the first vessel. When the concentration is above 1 ppm, move #2 GAC drum to #1 position and place new drum in #2 position. When the effluent concentration is above 1 ppm, shut down the system and make determination of whether current treatment system is sufficient. At least two spare carbon vessels will be kept available to minimize system shut down time. Eight spare carbon vessels will be on-site during the system startup period. During every sampling event, the PID measurements will be obtained for both influent and effluent.

5.0 REPORTS FOR MONITORING AND SAMPLING

5.1 MONTHLY REPORT REQUIREMENTS

Effluent sampling-1st year Monthly
Prepare site visit and monitoring report monthly.

5.2 QUARTERLY REPORT REQUIREMENTS

Air sampling-1st year	Quarterly
Air sampling-2nd year on	Semi-annually (at least one round collected during heating season)
Effluent sampling-1st year	Monthly
Effluent sampling-2nd year on	Quarterly

Prepare air monitoring report monthly during first year, then every 2nd quarter.

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5.3 ANNUAL REPORT REQUIREMENTS

Include data on air sampling and site visits.

6.0 DECOMMISSIONING PROCEDURES

Upon NYSDEC approval of permanent closure of the system, the SVE points will be properly abandoned in accordance with NYSDEC and NYSDOH requirements. This will include the submittal of a System Termination Plan for approval prior to closure work being implemented.

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LEGEND

= Pressure Gauge

= Pressure Valve

= Ball Valve

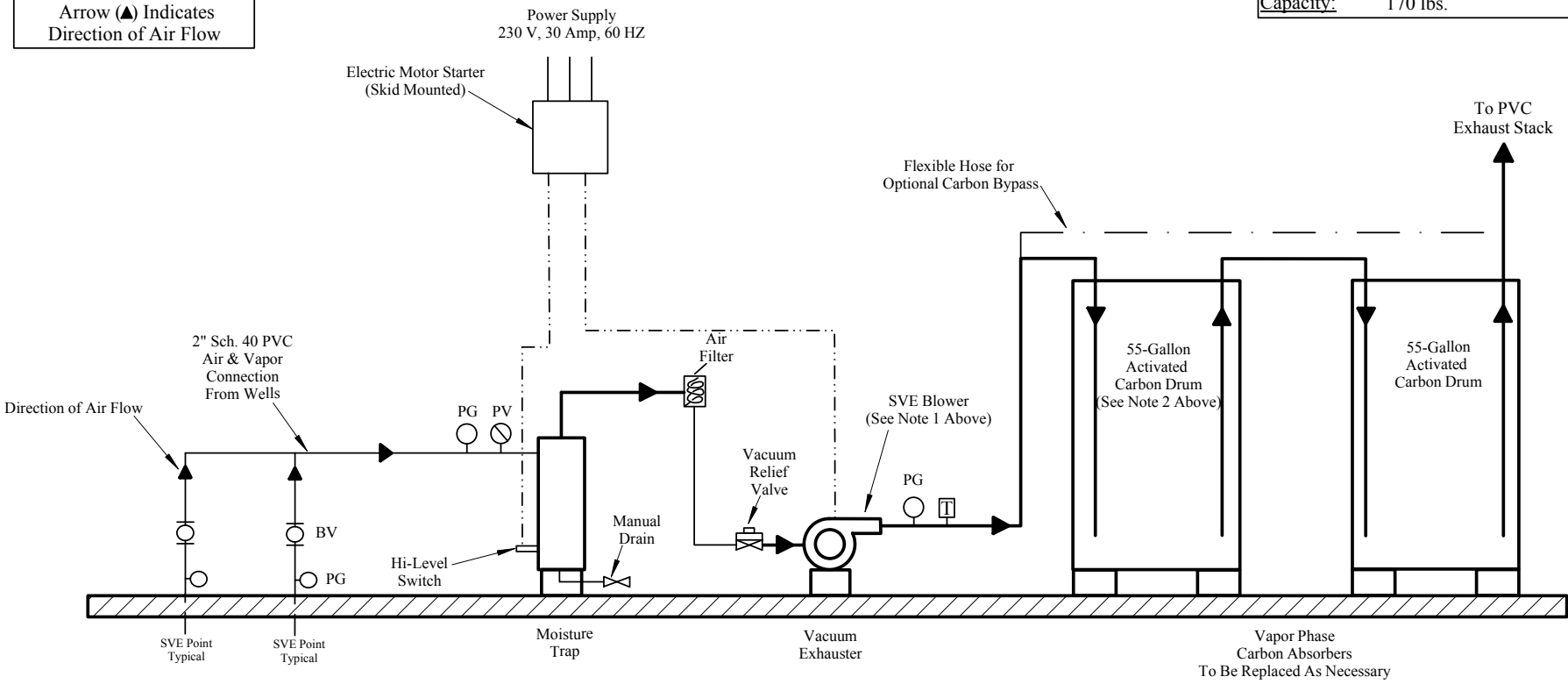
= Union

= Temperature Gauge

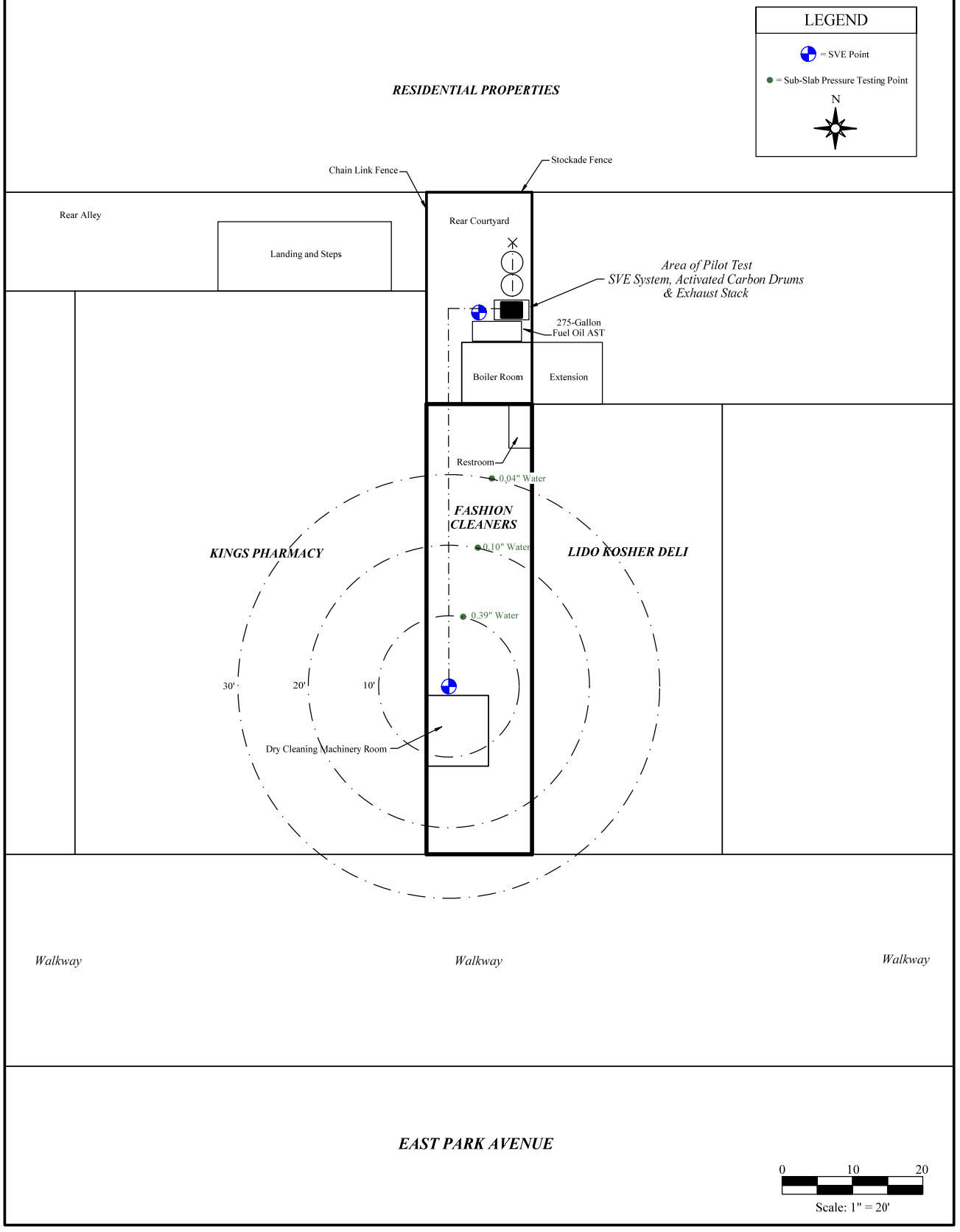
Arrow (▲) Indicates Direction of Air Flow

NOTE 1:	
Manufacturer:	Gast or Equivalent
Model #:	R5125Q-50 OR Equivalent
Type:	Regenerative Blower
Electric:	12/24 Amps @ 230/115VAC
Max Vacuum:	60" h2o
Max Flow:	320 CFM

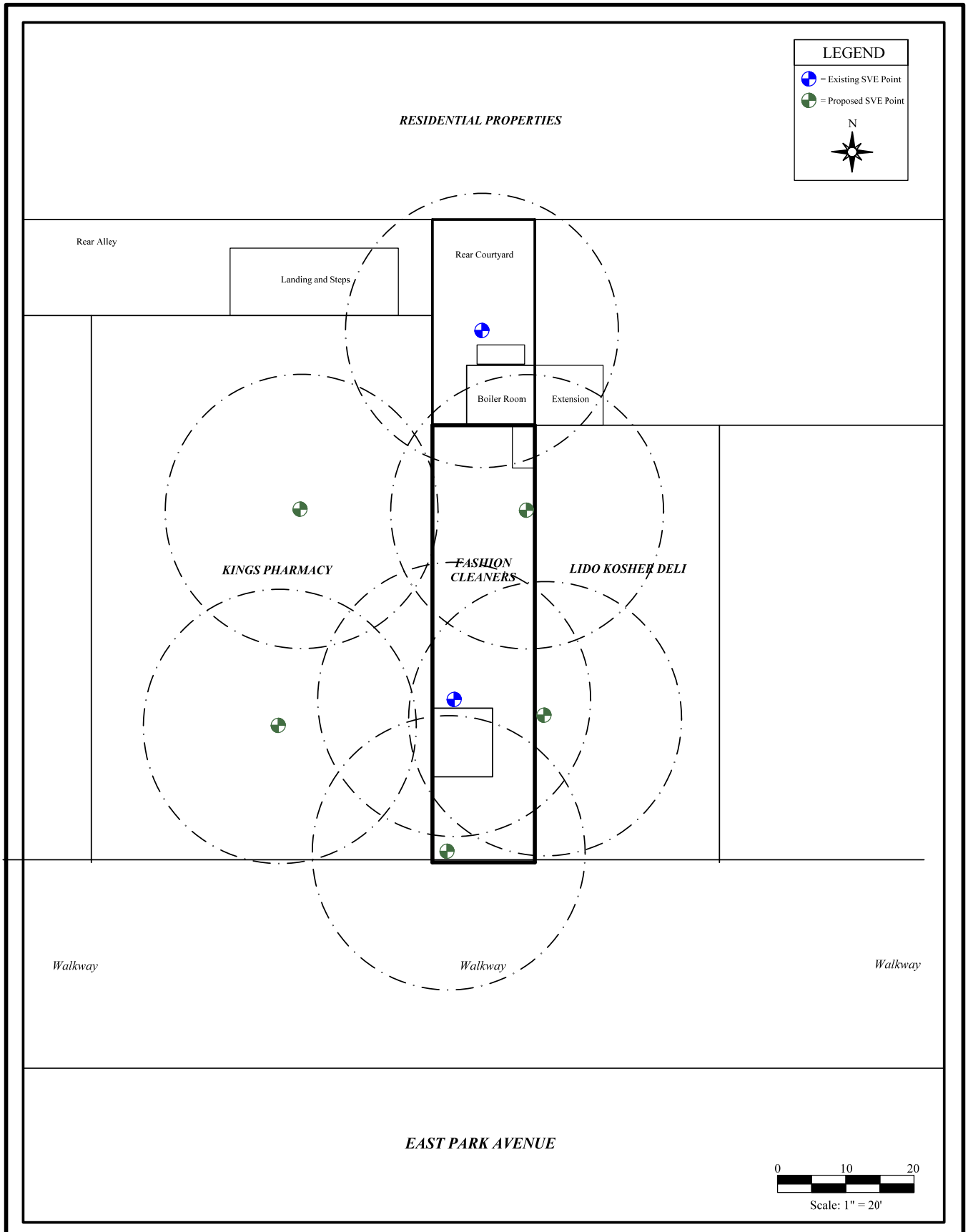
NOTE 2:	
Manufacturer:	Carbtrol or Equivalent
Model #:	G-2 or Equivalent
Type:	Granular Activated Carbon
Capacity:	170 lbs.



Laurel Environmental Associates, Ltd.		Figure 1.0
53 West Hills Road Huntington Station, NY 11746 631-673-0612		SVE Treatment System Plan
Drawn by BCM 9/2/09	Not to Scale	Fashion Cleaners 641 East Park Avenue Long Beach, New York



Laurel ENVIRONMENTAL ASSOCIATES, LTD.	**Laurel Environmental Associates, Ltd.**	Figure 2.0
	53 West Hills Road Huntington Station, NY 11746 631-673-0612	Pilot Test Radius of Influence Results
	Drawn by Brendan C. Moran 3/3/10	Fashion Cleaners 641 East Park Avenue Long Beach, New York
	Scale: As Shown	



Laurel ENVIRONMENTAL ASSOCIATES, LTD.	**Laurel Environmental Associates, Ltd.**	Figure 3.0
	53 West Hills Rd. Huntington Station, NY 11746 631-673-0612	Proposed SVE Point & Radius of Influence Map
	Drawn by Brendan C. Moran 9/10/10	Fashion Cleaners 641 East Park Avenue Long Beach, New York
	Scale: As Shown	

Spill Cleanup/Remediation Air Emission Work Sheet
New York State Department of Environmental Conservation
Region 1, Building 40, SUNY Campus, Stony Brook, NY 11790-2356

Site Name: Fashion Cleaners

Site Address/Location: 641 E. Park Avenue
Long Beach, NY 11561

Startup Date: On or about October 15, 2010
Shutdown Date: when closure criteria is met

Stack Height: 33 FT
Stack Exit Inside Dimensions: 0.33 FT
Stack Exit Temperature: 100 F
Stack Exit Flow Rate: 210 CFM

Contaminant Name	CAS #	Emission Rate Potential (lbs/hr)	Percent Control	Actual Emissions (lbs/hr)
Tetrachlorethylene	127-18-4	0.010	99	0.0001
Trichloroethylene	79-01-6	0.005	99	0.00005
cis-1,2-Dichloroethylene	156-59-2	0.0004	99	0.000004

Use Air Guide 1 software to estimate ambient impact. Compare impact estimate to AGC and SGC from tables in the back of Air Guide 1. See Air Guide 1 for compounds not listed.

CAS #	Short Term Impact (ug/m3)	SGC (ug/m3)	Annual Impact (ug/m3)	AGC (ug/m3)
127-128-4	16.5	1000	0.34	1
79-01-6	0.92	14000	0.02	0.5
156-59-2	0.07	-	0.0001	63

Control Equipment:

_____ Not Needed Based on Analysis of Design Conditions
_____ Not Needed Based on Analysis of Operating Conditions
__X__ Described Below

Control Type:

____ None
__X__ Activated Bed Adsorber
____ Other, Explain:

____ Thermal Afterburner
____ Catalytic Unit

Manufacturers's Name: Carbtrol Corpration
Model Number: 2GS

Disposal of Collected Contaminants:

____ Landfill Off-Site ____ Recycled On-Site
____ Recylced in the Process _X_ Other, Explain: Regenerated at TSDF

Frequency of stack emission monitoring/testing Daily at startup, then monthly
Monitoring/testing method sample into Tedlar Bag from barbed fitting, TO14

Name of DEC Spill/Remediation Project Manager Girish Desai, P.E.
Phone # (631) 444-0243

All specifications and limits stated above and contained in any attached materials submitted with this work sheet are binding and enforcable conditions.

I certify this system will be operated in accordance with the specifications stated above and in compliance with all existing laws, rules and regulations.

	President	9-27-10
Signature of Responsible Party	Title	Date

c: DEC Project Manager

APPENDIX I

Laboratory Results, July 2010 Soil and Groundwater

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 0-2			**0072916-01**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/29/10	EPA 8260B	6.69	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	6.69	ND	"	
Chloromethane	"	"	"	EPA 8260B	6.69	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	6.69	ND	"	
Bromomethane	"	"	"	EPA 8260B	6.69	ND	"	
Chloroethane	"	"	"	EPA 8260B	6.69	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	6.69	ND	"	
Acetone	"	"	"	EPA 8260B	66.9	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	6.69	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	6.69	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	6.69	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	6.69	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	6.69	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	6.69	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	6.69	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	6.69	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	13.4	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	6.69	**40.5**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	6.69	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	6.69	ND	"	
Chloroform	"	"	"	EPA 8260B	6.69	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	6.69	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	6.69	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	6.69	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	6.69	ND	"	
Benzene	"	"	"	EPA 8260B	6.69	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	6.69	**76.6**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	6.69	ND	"	
Dibromomethane	"	"	"	EPA 8260B	6.69	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	6.69	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	6.69	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	13.4	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	6.69	ND	"	
Toluene	"	"	"	EPA 8260B	6.69	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	6.69	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	6.69	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	6.69	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	6.69	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 0-2 (continued)			**0072916-01**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/29/10	EPA 8260B	6.69	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	6.69	**682**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	6.69	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	6.69	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	13.4	ND	"	
Styrene	"	"	"	EPA 8260B	6.69	ND	"	
o-Xylene	"	"	"	EPA 8260B	6.69	ND	"	
Bromoform	"	"	"	EPA 8260B	6.69	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	6.69	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	6.69	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	6.69	ND	"	
Bromobenzene	"	"	"	EPA 8260B	6.69	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	6.69	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	6.69	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	6.69	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	6.69	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	6.69	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	6.69	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	6.69	ND	"	
Naphthalene	"	"	"	EPA 8260B	6.69	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	6.69	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	6.69	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	6.69	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	6.69	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 2-4			**0072916-02**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/29/10	EPA 8260B	5.29	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.29	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.29	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.29	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.29	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.29	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.29	ND	"	
Acetone	"	"	"	EPA 8260B	52.9	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.29	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.29	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.29	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.29	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.29	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.29	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.29	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.29	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.6	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.29	ND	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.29	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.29	ND	"	
Chloroform	"	"	"	EPA 8260B	5.29	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.29	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.29	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.29	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.29	ND	"	
Benzene	"	"	"	EPA 8260B	5.29	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.29	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.29	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.29	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.29	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.29	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.6	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.29	ND	"	
Toluene	"	"	"	EPA 8260B	5.29	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.29	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.29	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.29	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.29	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 2-4 (continued)			**0072916-02**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/29/10	EPA 8260B	5.29	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.29	**9.85**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.29	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.29	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.29	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.29	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.6	ND	"	
Styrene	"	"	"	EPA 8260B	5.29	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.29	ND	"	
Bromoform	"	"	"	EPA 8260B	5.29	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.29	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.29	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.29	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.29	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.29	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.29	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.29	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.29	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.29	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.29	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.29	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.29	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.29	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.29	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.29	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.29	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.29	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.29	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.29	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.29	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.29	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.29	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.29	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.29	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.29	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.29	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
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Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-20 0-2			**0072916-03**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/29/10	EPA 8260B	6.69	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	6.69	ND	"	
Chloromethane	"	"	"	EPA 8260B	6.69	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	6.69	ND	"	
Bromomethane	"	"	"	EPA 8260B	6.69	ND	"	
Chloroethane	"	"	"	EPA 8260B	6.69	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	6.69	ND	"	
Acetone	"	"	"	EPA 8260B	66.9	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	6.69	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	6.69	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	6.69	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	6.69	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	6.69	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	6.69	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	6.69	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	6.69	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	13.4	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	6.69	**163**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	6.69	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	6.69	ND	"	
Chloroform	"	"	"	EPA 8260B	6.69	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	6.69	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	6.69	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	6.69	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	6.69	ND	"	
Benzene	"	"	"	EPA 8260B	6.69	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	6.69	**175**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	6.69	ND	"	
Dibromomethane	"	"	"	EPA 8260B	6.69	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	6.69	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	6.69	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	13.4	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	6.69	ND	"	
Toluene	"	"	"	EPA 8260B	6.69	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	6.69	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	6.69	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	6.69	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	6.69	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-20 0-2 (continued)			**0072916-03**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/29/10	EPA 8260B	6.69	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	6.69	**700**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	6.69	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	6.69	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	13.4	ND	"	
Styrene	"	"	"	EPA 8260B	6.69	ND	"	
o-Xylene	"	"	"	EPA 8260B	6.69	ND	"	
Bromoform	"	"	"	EPA 8260B	6.69	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	6.69	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	6.69	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	6.69	ND	"	
Bromobenzene	"	"	"	EPA 8260B	6.69	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	6.69	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	6.69	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	6.69	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	6.69	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	6.69	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	6.69	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	6.69	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	6.69	ND	"	
Naphthalene	"	"	"	EPA 8260B	6.69	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	6.69	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	6.69	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	6.69	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	6.69	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-20 2-4			**0072916-04**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/29/10	EPA 8260B	5.49	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.49	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.49	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.49	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.49	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.49	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.49	ND	"	
Acetone	"	"	"	EPA 8260B	54.9	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.49	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.49	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.49	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.49	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.49	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.49	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.49	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.49	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	11.0	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.49	**40.2**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.49	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.49	ND	"	
Chloroform	"	"	"	EPA 8260B	5.49	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.49	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.49	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.49	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.49	ND	"	
Benzene	"	"	"	EPA 8260B	5.49	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.49	**49.5**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.49	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.49	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.49	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.49	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	11.0	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.49	ND	"	
Toluene	"	"	"	EPA 8260B	5.49	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.49	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.49	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.49	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.49	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-20 2-4 (continued)			**0072916-04**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/29/10	EPA 8260B	5.49	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.49	**406**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.49	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.49	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.49	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.49	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	11.0	ND	"	
Styrene	"	"	"	EPA 8260B	5.49	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.49	ND	"	
Bromoform	"	"	"	EPA 8260B	5.49	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.49	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.49	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.49	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.49	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.49	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.49	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.49	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.49	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.49	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.49	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.49	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.49	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.49	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.49	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.49	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.49	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.49	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.49	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.49	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.49	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.49	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.49	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.49	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.49	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.49	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.49	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 0-2			**0072916-05**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.12	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.12	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.12	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.12	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.12	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.12	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.12	ND	"	
Acetone	"	"	"	EPA 8260B	51.2	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.12	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.12	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.12	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.12	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.12	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.12	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.12	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.12	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.2	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.12	**27.8**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.12	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.12	ND	"	
Chloroform	"	"	"	EPA 8260B	5.12	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.12	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.12	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.12	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.12	ND	"	
Benzene	"	"	"	EPA 8260B	5.12	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.12	**125**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.12	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.12	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.12	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.12	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.2	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.12	ND	"	
Toluene	"	"	"	EPA 8260B	5.12	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.12	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.12	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.12	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.12	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 0-2 (continued)			**0072916-05**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.12	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.12	**514**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.12	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.12	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.12	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.12	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.2	ND	"	
Styrene	"	"	"	EPA 8260B	5.12	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.12	ND	"	
Bromoform	"	"	"	EPA 8260B	5.12	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.12	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.12	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.12	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.12	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.12	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.12	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.12	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.12	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.12	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.12	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.12	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.12	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.12	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.12	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.12	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.12	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.12	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.12	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.12	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.12	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.12	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.12	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.12	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.12	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.12	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.12	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 2-4			**0072916-06**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.38	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.38	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.38	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.38	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.38	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.38	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.38	ND	"	
Acetone	"	"	"	EPA 8260B	53.8	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.38	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.38	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.38	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.38	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.38	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.38	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.38	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.38	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.8	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.38	**7.59**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.38	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.38	ND	"	
Chloroform	"	"	"	EPA 8260B	5.38	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.38	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.38	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.38	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.38	ND	"	
Benzene	"	"	"	EPA 8260B	5.38	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.38	**48.9**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.38	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.38	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.38	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.38	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.8	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.38	ND	"	
Toluene	"	"	"	EPA 8260B	5.38	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.38	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.38	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.38	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.38	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 2-4 (continued)			**0072916-06**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.38	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.38	**230**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.38	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.38	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.38	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.38	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.8	ND	"	
Styrene	"	"	"	EPA 8260B	5.38	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.38	ND	"	
Bromoform	"	"	"	EPA 8260B	5.38	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.38	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.38	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.38	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.38	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.38	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.38	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.38	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.38	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.38	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.38	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.38	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.38	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.38	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.38	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.38	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.38	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.38	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.38	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.38	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.38	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.38	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.38	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.38	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.38	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.38	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.38	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-22 0-2			**0072916-07**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.16	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.16	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.16	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.16	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.16	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.16	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.16	ND	"	
Acetone	"	"	"	EPA 8260B	51.6	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.16	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.16	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.16	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.16	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.16	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.16	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.16	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.16	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.3	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.16	ND	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.16	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.16	ND	"	
Chloroform	"	"	"	EPA 8260B	5.16	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.16	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.16	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.16	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.16	ND	"	
Benzene	"	"	"	EPA 8260B	5.16	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.16	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.16	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.16	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.16	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.16	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.3	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.16	ND	"	
Toluene	"	"	"	EPA 8260B	5.16	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.16	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.16	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.16	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.16	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-22 0-2 (continued)			**0072916-07**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.16	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.16	ND	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.16	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.16	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.16	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.16	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.3	ND	"	
Styrene	"	"	"	EPA 8260B	5.16	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.16	ND	"	
Bromoform	"	"	"	EPA 8260B	5.16	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.16	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.16	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.16	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.16	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.16	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.16	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.16	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.16	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.16	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.16	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.16	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.16	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.16	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.16	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.16	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.16	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.16	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.16	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.16	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.16	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.16	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.16	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.16	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.16	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.16	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.16	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-22 2-4			**0072916-08**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.45	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.45	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.45	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.45	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.45	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.45	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.45	ND	"	
Acetone	"	"	"	EPA 8260B	54.5	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.45	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.45	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.45	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.45	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.45	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.45	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.45	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.45	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.9	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.45	ND	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.45	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.45	ND	"	
Chloroform	"	"	"	EPA 8260B	5.45	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.45	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.45	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.45	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.45	ND	"	
Benzene	"	"	"	EPA 8260B	5.45	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.45	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.45	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.45	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.45	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.45	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.9	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.45	ND	"	
Toluene	"	"	"	EPA 8260B	5.45	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.45	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.45	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.45	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.45	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-22 2-4 (continued)			**0072916-08**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.45	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.45	ND	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.45	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.45	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.45	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.45	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.9	ND	"	
Styrene	"	"	"	EPA 8260B	5.45	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.45	ND	"	
Bromoform	"	"	"	EPA 8260B	5.45	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.45	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.45	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.45	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.45	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.45	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.45	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.45	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.45	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.45	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.45	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.45	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.45	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.45	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.45	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.45	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.45	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.45	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.45	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.45	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.45	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.45	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.45	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.45	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.45	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.45	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.45	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-23 0-2			**0072916-09**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.63	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.63	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.63	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.63	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.63	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.63	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.63	ND	"	
Acetone	"	"	"	EPA 8260B	56.3	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.63	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.63	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.63	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.63	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.63	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.63	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.63	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.63	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	11.3	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.63	ND	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.63	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.63	ND	"	
Chloroform	"	"	"	EPA 8260B	5.63	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.63	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.63	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.63	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.63	ND	"	
Benzene	"	"	"	EPA 8260B	5.63	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.63	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.63	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.63	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.63	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.63	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	11.3	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.63	ND	"	
Toluene	"	"	"	EPA 8260B	5.63	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.63	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.63	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.63	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.63	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-23 0-2 (continued)			**0072916-09**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.63	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.63	**28.2**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.63	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.63	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.63	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.63	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	11.3	ND	"	
Styrene	"	"	"	EPA 8260B	5.63	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.63	ND	"	
Bromoform	"	"	"	EPA 8260B	5.63	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.63	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.63	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.63	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.63	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.63	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.63	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.63	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.63	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.63	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.63	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.63	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.63	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.63	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.63	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.63	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.63	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.63	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.63	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.63	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.63	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.63	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.63	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.63	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.63	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.63	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.63	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-22 2-4			**0072916-10**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.43	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.43	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.43	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.43	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.43	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.43	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.43	ND	"	
Acetone	"	"	"	EPA 8260B	54.3	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.43	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.43	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.43	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.43	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.43	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.43	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.43	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.43	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.9	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.43	ND	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.43	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.43	ND	"	
Chloroform	"	"	"	EPA 8260B	5.43	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.43	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.43	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.43	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.43	ND	"	
Benzene	"	"	"	EPA 8260B	5.43	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.43	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.43	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.43	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.43	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.43	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.9	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.43	ND	"	
Toluene	"	"	"	EPA 8260B	5.43	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.43	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.43	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.43	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.43	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-22 2-4 (continued)			**0072916-10**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.43	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.43	**8.30**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.43	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.43	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.43	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.43	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.9	ND	"	
Styrene	"	"	"	EPA 8260B	5.43	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.43	ND	"	
Bromoform	"	"	"	EPA 8260B	5.43	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.43	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.43	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.43	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.43	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.43	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.43	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.43	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.43	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.43	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.43	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.43	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.43	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.43	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.43	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.43	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.43	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.43	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.43	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.43	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.43	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.43	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.43	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.43	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.43	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.43	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.43	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-24-02			**0072916-11**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.24	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.24	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.24	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.24	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.24	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.24	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.24	ND	"	
Acetone	"	"	"	EPA 8260B	52.4	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.24	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.24	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.24	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.24	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.24	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.24	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.24	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.24	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.5	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.24	**13.7**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.24	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.24	ND	"	
Chloroform	"	"	"	EPA 8260B	5.24	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.24	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.24	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.24	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.24	ND	"	
Benzene	"	"	"	EPA 8260B	5.24	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.24	**19.7**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.24	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.24	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.24	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.24	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.5	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.24	ND	"	
Toluene	"	"	"	EPA 8260B	5.24	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.24	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.24	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.24	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.24	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-24-02 (continued)			**0072916-11**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.24	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.24	**166**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.24	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.24	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.24	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.24	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.5	ND	"	
Styrene	"	"	"	EPA 8260B	5.24	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.24	ND	"	
Bromoform	"	"	"	EPA 8260B	5.24	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.24	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.24	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.24	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.24	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.24	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.24	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.24	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.24	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.24	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.24	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.24	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.24	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.24	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.24	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.24	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.24	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.24	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.24	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.24	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.24	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.24	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.24	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.24	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.24	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.24	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.24	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-24 3-4			**0072916-12**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.82	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.82	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.82	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.82	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.82	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.82	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.82	ND	"	
Acetone	"	"	"	EPA 8260B	58.2	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.82	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.82	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.82	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.82	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.82	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.82	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.82	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.82	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	11.6	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.82	**23.4**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.82	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.82	ND	"	
Chloroform	"	"	"	EPA 8260B	5.82	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.82	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.82	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.82	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.82	ND	"	
Benzene	"	"	"	EPA 8260B	5.82	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.82	**26.4**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.82	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.82	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.82	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.82	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	11.6	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.82	ND	"	
Toluene	"	"	"	EPA 8260B	5.82	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.82	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.82	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.82	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.82	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-24 3-4 (continued)			**0072916-12**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.82	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.82	**143**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.82	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.82	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.82	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.82	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	11.6	ND	"	
Styrene	"	"	"	EPA 8260B	5.82	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.82	ND	"	
Bromoform	"	"	"	EPA 8260B	5.82	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.82	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.82	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.82	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.82	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.82	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.82	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.82	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.82	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.82	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.82	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.82	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.82	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.82	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.82	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.82	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.82	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.82	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.82	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.82	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.82	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.82	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.82	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.82	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.82	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.82	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.82	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-25 0-2			**0072916-13**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.22	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.22	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.22	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.22	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.22	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.22	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.22	ND	"	
Acetone	"	"	"	EPA 8260B	52.2	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.22	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.22	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.22	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.22	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.22	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.22	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.22	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.22	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.4	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.22	**36.1**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.22	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.22	ND	"	
Chloroform	"	"	"	EPA 8260B	5.22	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.22	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.22	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.22	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.22	ND	"	
Benzene	"	"	"	EPA 8260B	5.22	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.22	**33.6**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.22	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.22	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.22	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.22	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.4	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.22	ND	"	
Toluene	"	"	"	EPA 8260B	5.22	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.22	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.22	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.22	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.22	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-25 0-2 (continued)			**0072916-13**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.22	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.22	**385**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.22	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.22	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.22	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.22	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.4	ND	"	
Styrene	"	"	"	EPA 8260B	5.22	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.22	ND	"	
Bromoform	"	"	"	EPA 8260B	5.22	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.22	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.22	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.22	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.22	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.22	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.22	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.22	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.22	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.22	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.22	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.22	**8.37**	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.22	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.22	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.22	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.22	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.22	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.22	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.22	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.22	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.22	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.22	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.22	**86.6**	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.22	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.22	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.22	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.22	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-25 2-4			**0072916-14**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.27	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.27	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.27	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.27	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.27	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.27	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.27	ND	"	
Acetone	"	"	"	EPA 8260B	52.7	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.27	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.27	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.27	**7.20**	"	
Carbon disulfide	"	"	"	EPA 8260B	5.27	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.27	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.27	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.27	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.27	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.5	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.27	**6.14**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.27	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.27	ND	"	
Chloroform	"	"	"	EPA 8260B	5.27	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.27	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.27	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.27	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.27	ND	"	
Benzene	"	"	"	EPA 8260B	5.27	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.27	**11.5**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.27	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.27	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.27	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.27	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.5	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.27	ND	"	
Toluene	"	"	"	EPA 8260B	5.27	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.27	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.27	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.27	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.27	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-25 2-4 (continued)			**0072916-14**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.27	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.27	**167**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.27	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.27	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.27	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.27	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.5	ND	"	
Styrene	"	"	"	EPA 8260B	5.27	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.27	ND	"	
Bromoform	"	"	"	EPA 8260B	5.27	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.27	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.27	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.27	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.27	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.27	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.27	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.27	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.27	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.27	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.27	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.27	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.27	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.27	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.27	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.27	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.27	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.27	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.27	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.27	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.27	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.27	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.27	**27.2**	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.27	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.27	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.27	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.27	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 0-2			**0072916-15**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.14	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.14	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.14	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.14	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.14	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.14	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.14	ND	"	
Acetone	"	"	"	EPA 8260B	51.4	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.14	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.14	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.14	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.14	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.14	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.14	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.14	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.14	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.3	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.14	ND	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.14	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.14	ND	"	
Chloroform	"	"	"	EPA 8260B	5.14	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.14	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.14	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.14	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.14	ND	"	
Benzene	"	"	"	EPA 8260B	5.14	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.14	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.14	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.14	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.14	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.14	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.3	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.14	ND	"	
Toluene	"	"	"	EPA 8260B	5.14	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.14	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.14	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.14	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.14	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 0-2 (continued)			**0072916-15**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/30/10	EPA 8260B	5.14	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.14	**26.7**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.14	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.14	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.14	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.14	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.3	ND	"	
Styrene	"	"	"	EPA 8260B	5.14	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.14	ND	"	
Bromoform	"	"	"	EPA 8260B	5.14	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.14	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.14	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.14	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.14	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.14	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.14	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.14	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.14	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.14	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.14	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.14	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.14	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.14	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.14	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.14	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.14	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.14	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.14	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.14	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.14	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.14	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.14	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.14	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.14	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.14	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.14	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 2-4			**0072916-16**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/29/10	EPA 8260B	5.37	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.37	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.37	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.37	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.37	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.37	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.37	ND	"	
Acetone	"	"	"	EPA 8260B	53.7	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.37	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.37	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.37	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.37	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.37	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.37	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.37	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.37	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.7	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.37	ND	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.37	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.37	ND	"	
Chloroform	"	"	"	EPA 8260B	5.37	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.37	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.37	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.37	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.37	ND	"	
Benzene	"	"	"	EPA 8260B	5.37	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.37	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.37	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.37	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.37	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.37	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.7	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.37	ND	"	
Toluene	"	"	"	EPA 8260B	5.37	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.37	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.37	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.37	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.37	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 2-4 (continued)			**0072916-16**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/29/10	EPA 8260B	5.37	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.37	**7.29**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.37	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.37	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.37	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.37	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.7	ND	"	
Styrene	"	"	"	EPA 8260B	5.37	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.37	ND	"	
Bromoform	"	"	"	EPA 8260B	5.37	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.37	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.37	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.37	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.37	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.37	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.37	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.37	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.37	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.37	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.37	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.37	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.37	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.37	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.37	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.37	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.37	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.37	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.37	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.37	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.37	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.37	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.37	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.37	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.37	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.37	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.37	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26MS 2-4			**0072916-17**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/29/10	EPA 8260B	5.33	**46.1**	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.33	**60.2**	"	
Chloromethane	"	"	"	EPA 8260B	5.33	**46.8**	"	
Vinyl chloride	"	"	"	EPA 8260B	5.33	**48.1**	"	
Bromomethane	"	"	"	EPA 8260B	5.33	**47.3**	"	
Chloroethane	"	"	"	EPA 8260B	5.33	**54.6**	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.33	**48.0**	"	
Acetone	"	"	"	EPA 8260B	53.3	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.33	**60.3**	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.33	**56.9**	"	
Methylene Chloride	"	"	"	EPA 8260B	5.33	**57.1**	"	
Carbon disulfide	"	"	"	EPA 8260B	5.33	**60.7**	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.33	**61.7**	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.33	**62.1**	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.33	**59.4**	"	
Vinyl acetate	"	"	"	EPA 8260B	5.33	**45.0**	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.7	**63.8**	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.33	**60.3**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.33	**62.6**	"	
Bromochloromethane	"	"	"	EPA 8260B	5.33	**51.8**	"	
Chloroform	"	"	"	EPA 8260B	5.33	**60.1**	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.33	**63.2**	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.33	**62.3**	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.33	**60.9**	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.33	**56.1**	"	
Benzene	"	"	"	EPA 8260B	5.33	**59.3**	"	
Trichloroethylene	"	"	"	EPA 8260B	5.33	**49.9**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.33	**57.9**	"	
Dibromomethane	"	"	"	EPA 8260B	5.33	**54.9**	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.33	**57.6**	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.33	**57.2**	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.7	**56.9**	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.33	**58.0**	"	
Toluene	"	"	"	EPA 8260B	5.33	**59.1**	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.33	**60.3**	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.33	**59.5**	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.33	**61.5**	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.33	**61.2**	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26MS 2-4 (continued)			**0072916-17**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/29/10	EPA 8260B	5.33	**54.1**	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.33	**53.0**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.33	**56.4**	"	
Chlorobenzene	"	"	"	EPA 8260B	5.33	**58.4**	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.33	**54.1**	"	
Ethylbenzene	"	"	"	EPA 8260B	5.33	**61.1**	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.7	**126**	"	
Styrene	"	"	"	EPA 8260B	5.33	**61.8**	"	
o-Xylene	"	"	"	EPA 8260B	5.33	**62.6**	"	
Bromoform	"	"	"	EPA 8260B	5.33	**62.5**	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.33	**61.2**	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.33	**57.6**	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.33	**54.3**	"	
Bromobenzene	"	"	"	EPA 8260B	5.33	**62.1**	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.33	**59.1**	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.33	**61.1**	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.33	**56.8**	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.33	**60.8**	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.33	**56.0**	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.33	**53.9**	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.33	**56.8**	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.33	**54.4**	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.33	**50.3**	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.33	**50.8**	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.33	**50.9**	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.33	**51.1**	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.33	**51.5**	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.33	**56.6**	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.33	**57.1**	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.33	**56.1**	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.33	**52.9**	"	
Naphthalene	"	"	"	EPA 8260B	5.33	**58.8**	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.33	**59.2**	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.33	**55.4**	"	
Acrylonitrile	"	"	"	EPA 8260B	5.33	**53.8**	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.33	**52.7**	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26MSD 2-4			**0072916-18**				**Soil**	
Dichlorodifluoromethane	B031114	7/29/10	7/29/10	EPA 8260B	5.38	**46.6**	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.38	**52.1**	"	
Chloromethane	"	"	"	EPA 8260B	5.38	**48.0**	"	
Vinyl chloride	"	"	"	EPA 8260B	5.38	**47.6**	"	
Bromomethane	"	"	"	EPA 8260B	5.38	**49.3**	"	
Chloroethane	"	"	"	EPA 8260B	5.38	**56.1**	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.38	**49.4**	"	
Acetone	"	"	"	EPA 8260B	53.8	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.38	**61.7**	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.38	**57.4**	"	
Methylene Chloride	"	"	"	EPA 8260B	5.38	**57.3**	"	
Carbon disulfide	"	"	"	EPA 8260B	5.38	**59.7**	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.38	**62.2**	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.38	**61.7**	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.38	**60.9**	"	
Vinyl acetate	"	"	"	EPA 8260B	5.38	**46.2**	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.8	**59.5**	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.38	**61.5**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.38	**62.1**	"	
Bromochloromethane	"	"	"	EPA 8260B	5.38	**52.1**	"	
Chloroform	"	"	"	EPA 8260B	5.38	**61.1**	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.38	**61.1**	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.38	**58.8**	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.38	**58.3**	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.38	**58.7**	"	
Benzene	"	"	"	EPA 8260B	5.38	**60.2**	"	
Trichloroethylene	"	"	"	EPA 8260B	5.38	**51.1**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.38	**58.5**	"	
Dibromomethane	"	"	"	EPA 8260B	5.38	**57.3**	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.38	**58.1**	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.38	**59.1**	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.8	**56.5**	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.38	**59.2**	"	
Toluene	"	"	"	EPA 8260B	5.38	**60.3**	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.38	**59.6**	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.38	**59.9**	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.38	**63.1**	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.38	**59.9**	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26MSD 2-4 (continued)			**0072916-18**				**Soil**	
Dibromochloromethane	B031114	7/29/10	7/29/10	EPA 8260B	5.38	**56.1**	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.38	**54.5**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.38	**57.4**	"	
Chlorobenzene	"	"	"	EPA 8260B	5.38	**57.9**	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.38	**52.7**	"	
Ethylbenzene	"	"	"	EPA 8260B	5.38	**63.7**	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.8	**124**	"	
Styrene	"	"	"	EPA 8260B	5.38	**63.0**	"	
o-Xylene	"	"	"	EPA 8260B	5.38	**63.3**	"	
Bromoform	"	"	"	EPA 8260B	5.38	**59.5**	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.38	**60.7**	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.38	**58.0**	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.38	**54.6**	"	
Bromobenzene	"	"	"	EPA 8260B	5.38	**60.6**	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.38	**59.8**	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.38	**60.8**	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.38	**57.5**	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.38	**60.8**	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.38	**57.3**	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.38	**52.9**	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.38	**56.4**	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.38	**54.9**	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.38	**49.8**	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.38	**50.5**	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.38	**49.5**	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.38	**50.6**	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.38	**51.5**	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.38	**55.8**	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.38	**61.8**	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.38	**56.4**	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.38	**52.8**	"	
Naphthalene	"	"	"	EPA 8260B	5.38	**62.0**	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.38	**58.6**	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.38	**56.5**	"	
Acrylonitrile	"	"	"	EPA 8260B	5.38	**56.7**	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.38	**53.1**	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-27-0-2			**0072916-19**				**Soil**	
Dichlorodifluoromethane	B031165	7/30/10	7/30/10	EPA 8260B	5.20	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.20	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.20	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.20	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.20	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.20	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.20	ND	"	
Acetone	"	"	"	EPA 8260B	52.0	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.20	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.20	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.20	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.20	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.20	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.20	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.20	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.20	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.4	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.20	ND	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.20	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.20	ND	"	
Chloroform	"	"	"	EPA 8260B	5.20	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.20	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.20	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.20	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.20	ND	"	
Benzene	"	"	"	EPA 8260B	5.20	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.20	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.20	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.20	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.20	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.20	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.4	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.20	ND	"	
Toluene	"	"	"	EPA 8260B	5.20	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.20	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.20	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.20	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.20	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-27-0-2 (continued)			**0072916-19**				**Soil**	
Dibromochloromethane	B031165	7/30/10	7/30/10	EPA 8260B	5.20	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.20	ND	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.20	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.20	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.20	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.20	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.4	ND	"	
Styrene	"	"	"	EPA 8260B	5.20	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.20	ND	"	
Bromoform	"	"	"	EPA 8260B	5.20	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.20	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.20	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.20	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.20	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.20	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.20	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.20	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.20	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.20	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.20	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.20	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.20	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.20	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.20	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.20	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.20	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.20	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.20	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.20	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.20	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.20	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.20	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.20	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.20	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.20	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.20	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-27 2-4			**0072916-20**				**Soil**	
Dichlorodifluoromethane	B031165	7/30/10	7/30/10	EPA 8260B	54.9	ND	ug/kg dry	3.B
Chlorodifluoromethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Chloromethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Vinyl chloride	"	"	"	EPA 8260B	54.9	ND	"	3.B
Bromomethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Chloroethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Trichlorofluoromethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Acetone	"	"	"	EPA 8260B	549	ND	"	3.B
1,1-Dichloroethylene	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Methylene Chloride	"	"	"	EPA 8260B	54.9	ND	"	3.B
Carbon disulfide	"	"	"	EPA 8260B	54.9	ND	"	3.B
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	54.9	ND	"	3.B
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,1-Dichloroethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Vinyl acetate	"	"	"	EPA 8260B	54.9	ND	"	3.B
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	110	ND	"	3.B
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	54.9	ND	"	3.B
2,2-Dichloropropane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Bromochloromethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Chloroform	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,1,1-Trichloroethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,2-Dichloroethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,1-Dichloropropylene	"	"	"	EPA 8260B	54.9	ND	"	3.B
Carbon Tetrachloride	"	"	"	EPA 8260B	54.9	ND	"	3.B
Benzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
Trichloroethylene	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,2-Dichloropropane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Dibromomethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Bromodichloromethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	54.9	ND	"	3.B
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	110	ND	"	3.B
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	54.9	ND	"	3.B
Toluene	"	"	"	EPA 8260B	54.9	ND	"	3.B
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,1,2-Trichloroethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,3-Dichloropropane	"	"	"	EPA 8260B	54.9	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-27 2-4 (continued)			**0072916-20**				**Soil**	
Dibromochloromethane	B031165	7/30/10	7/30/10	EPA 8260B	54.9	ND	ug/kg dry	3.B
Tetrachloroethylene	"	"	"	EPA 8260B	54.9	**6450**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Chlorobenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Ethylbenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
m,p-Xylenes	"	"	"	EPA 8260B	110	ND	"	3.B
Styrene	"	"	"	EPA 8260B	54.9	ND	"	3.B
o-Xylene	"	"	"	EPA 8260B	54.9	**98.0**	"	
Bromoform	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,2,3-Trichloropropane	"	"	"	EPA 8260B	54.9	ND	"	3.B
Bromobenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
n-Propylbenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
2-Chlorotoluene	"	"	"	EPA 8260B	54.9	ND	"	3.B
4-Ethyltoluene	"	"	"	EPA 8260B	54.9	ND	"	3.B
4-Chlorotoluene	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	54.9	**507**	"	
tert-Butylbenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
sec-Butylbenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,3-Dichlorobenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
4-Isopropyltoluene	"	"	"	EPA 8260B	54.9	**90.8**	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,2-Dichlorobenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,4-Diethylbenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
n-Butylbenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	54.9	**1430**	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
Naphthalene	"	"	"	EPA 8260B	54.9	ND	"	3.B
Hexachlorobutadiene	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	54.9	ND	"	3.B
Acrylonitrile	"	"	"	EPA 8260B	54.9	ND	"	3.B
1,4-Dioxane	"	"	"	EPA 8260B	54.9	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
Blind Dup			**0072916-21**				**Soil**	
Dichlorodifluoromethane	B031165	7/30/10	7/30/10	EPA 8260B	5.32	ND	ug/kg dry	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.32	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.32	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.32	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.32	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.32	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.32	ND	"	
Acetone	"	"	"	EPA 8260B	53.2	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.32	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.32	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.32	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.32	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.32	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.32	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.32	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.32	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.6	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.32	ND	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.32	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.32	ND	"	
Chloroform	"	"	"	EPA 8260B	5.32	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.32	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.32	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.32	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.32	ND	"	
Benzene	"	"	"	EPA 8260B	5.32	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.32	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.32	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.32	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.32	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.32	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.6	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.32	ND	"	
Toluene	"	"	"	EPA 8260B	5.32	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.32	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.32	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.32	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.32	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
Blind Dup (continued)			**0072916-21**				**Soil**	
Dibromochloromethane	B031165	7/30/10	7/30/10	EPA 8260B	5.32	ND	ug/kg dry	
Tetrachloroethylene	"	"	"	EPA 8260B	5.32	**85.6**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.32	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.32	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.32	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.32	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.6	ND	"	
Styrene	"	"	"	EPA 8260B	5.32	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.32	ND	"	
Bromoform	"	"	"	EPA 8260B	5.32	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.32	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.32	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.32	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.32	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.32	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.32	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.32	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.32	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.32	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.32	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.32	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.32	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.32	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.32	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.32	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.32	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.32	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.32	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.32	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.32	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.32	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.32	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.32	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.32	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.32	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.32	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
Trip Blank			**0072916-22**				**Non-Potable W**	
Acetone	B031162	8/2/10	8/2/10	EPA 624	20.0	ND	ug/L	
Methyl-tert-Butyl Ether	"	"	"	EPA 624	5.00	ND	"	
Chloromethane	"	"	"	EPA 624	5.00	ND	"	
Vinyl chloride	"	"	"	EPA 624	5.00	ND	"	
Bromomethane	"	"	"	EPA 624	5.00	ND	"	
m,p-Xylenes	"	"	"	EPA 624	10.0	ND	"	
o-Xylene	"	"	"	EPA 624	5.00	ND	"	
Chloroethane	"	"	"	EPA 624	5.00	ND	"	
Trichlorofluoromethane	"	"	"	EPA 624	5.00	ND	"	
Naphthalene	"	"	"	EPA 624	5.00	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 624	5.00	ND	"	
Methylene Chloride	"	"	"	EPA 624	5.00	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 624	5.00	ND	"	
Acrylonitrile	"	"	"	EPA 624	5.00	ND	"	
1,1-Dichloroethane	"	"	"	EPA 624	5.00	ND	"	
Chloroform	"	"	"	EPA 624	5.00	ND	"	
Carbon Tetrachloride	"	"	"	EPA 624	5.00	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 624	5.00	ND	"	
1,2-Dichloroethane	"	"	"	EPA 624	5.00	ND	"	
Benzene	"	"	"	EPA 624	0.700	ND	"	
Trichloroethylene	"	"	"	EPA 624	5.00	ND	"	
1,2-Dichloropropane	"	"	"	EPA 624	5.00	ND	"	
Bromodichloromethane	"	"	"	EPA 624	5.00	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 624	5.00	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 624	5.00	ND	"	
Toluene	"	"	"	EPA 624	5.00	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 624	5.00	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 624	5.00	ND	"	
Tetrachloroethylene	"	"	"	EPA 624	5.00	ND	"	
Dibromochloromethane	"	"	"	EPA 624	5.00	ND	"	
Chlorobenzene	"	"	"	EPA 624	5.00	ND	"	
Ethylbenzene	"	"	"	EPA 624	5.00	ND	"	
Bromoform	"	"	"	EPA 624	5.00	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 624	5.00	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 624	5.00	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 624	5.00	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 624	5.00	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
Field Blank			**0072916-23**				**Non-Potable W**	
Acetone	B031162	8/2/10	8/2/10	EPA 624	20.0	ND	ug/L	
Methyl-tert-Butyl Ether	"	"	"	EPA 624	5.00	ND	"	
Chloromethane	"	"	"	EPA 624	5.00	ND	"	
Vinyl chloride	"	"	"	EPA 624	5.00	ND	"	
Bromomethane	"	"	"	EPA 624	5.00	ND	"	
m,p-Xylenes	"	"	"	EPA 624	10.0	ND	"	
o-Xylene	"	"	"	EPA 624	5.00	ND	"	
Chloroethane	"	"	"	EPA 624	5.00	ND	"	
Trichlorofluoromethane	"	"	"	EPA 624	5.00	ND	"	
Naphthalene	"	"	"	EPA 624	5.00	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 624	5.00	ND	"	
Methylene Chloride	"	"	"	EPA 624	5.00	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 624	5.00	ND	"	
Acrylonitrile	"	"	"	EPA 624	5.00	ND	"	
1,1-Dichloroethane	"	"	"	EPA 624	5.00	ND	"	
Chloroform	"	"	"	EPA 624	5.00	ND	"	
Carbon Tetrachloride	"	"	"	EPA 624	5.00	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 624	5.00	ND	"	
1,2-Dichloroethane	"	"	"	EPA 624	5.00	ND	"	
Benzene	"	"	"	EPA 624	0.700	ND	"	
Trichloroethylene	"	"	"	EPA 624	5.00	ND	"	
1,2-Dichloropropane	"	"	"	EPA 624	5.00	ND	"	
Bromodichloromethane	"	"	"	EPA 624	5.00	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 624	5.00	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 624	5.00	ND	"	
Toluene	"	"	"	EPA 624	5.00	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 624	5.00	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 624	5.00	ND	"	
Tetrachloroethylene	"	"	"	EPA 624	5.00	ND	"	
Dibromochloromethane	"	"	"	EPA 624	5.00	ND	"	
Chlorobenzene	"	"	"	EPA 624	5.00	ND	"	
Ethylbenzene	"	"	"	EPA 624	5.00	ND	"	
Bromoform	"	"	"	EPA 624	5.00	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 624	5.00	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 624	5.00	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 624	5.00	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 624	5.00	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 0-2			**0072916-01**				**Soil**	
Pyridine	B031116	7/29/10	7/30/10	EPA 8270C	53.5	ND	ug/kg dry	1.B
N-Nitrosodimethylamine	"	"	"	EPA 8270C	53.5	ND	"	1.B
Phenol	"	"	"	EPA 8270C	53.5	ND	"	1.B
Aniline	"	"	"	EPA 8270C	53.5	ND	"	1.B
2-Chlorophenol	"	"	"	EPA 8270C	53.5	ND	"	1.B
Bis(2-Chloroethyl)ether	"	"	"	EPA 8270C	53.5	ND	"	1.B
1,3-Dichlorobenzene	"	"	"	EPA 8270C	53.5	ND	"	1.B
1,4-Dichlorobenzene	"	"	"	EPA 8270C	53.5	ND	"	1.B
Benzyl alcohol	"	"	"	EPA 8270C	53.5	ND	"	1.B
1,2-Dichlorobenzene	"	"	"	EPA 8270C	53.5	ND	"	1.B
2-Methylphenol	"	"	"	EPA 8270C	53.5	ND	"	1.B
Bis(2-chloroisopropyl)ether	"	"	"	EPA 8270C	53.5	ND	"	1.B
Hexachloroethane	"	"	"	EPA 8270C	53.5	ND	"	1.B
3/4-Methylphenol	"	"	"	EPA 8270C	53.5	**86.5**	"	1.B, 4.B
N-Nitroso-di-n-propylamine	"	"	"	EPA 8270C	53.5	ND	"	1.B
Nitrobenzene	"	"	"	EPA 8270C	53.5	ND	"	1.B
Isophorone	"	"	"	EPA 8270C	53.5	ND	"	1.B
2-Nitrophenol	"	"	"	EPA 8270C	53.5	ND	"	1.B
2,4-Dimethylphenol	"	"	"	EPA 8270C	53.5	ND	"	1.B
Benzoic Acid	"	"	"	EPA 8270C	53.5	ND	"	1.B
bis(2-Chloroethoxy)methane	"	"	"	EPA 8270C	53.5	ND	"	1.B
2,4-Dichlorophenol	"	"	"	EPA 8270C	53.5	ND	"	1.B
1,2,4-Trichlorobenzene	"	"	"	EPA 8270C	53.5	ND	"	1.B
Naphthalene	"	"	"	EPA 8270C	53.5	ND	"	1.B
4-Chloroaniline	"	"	"	EPA 8270C	53.5	ND	"	1.B
Hexachlorobutadiene	"	"	"	EPA 8270C	53.5	ND	"	1.B
4-Chloro-3-methylphenol	"	"	"	EPA 8270C	53.5	ND	"	1.B
2-Methylnaphthalene	"	"	"	EPA 8270C	53.5	ND	"	1.B
Hexachlorocyclopentadiene	"	"	"	EPA 8270C	53.5	ND	"	1.B
2,4,6-Trichlorophenol	"	"	"	EPA 8270C	53.5	ND	"	1.B
2,4,5-Trichlorophenol	"	"	"	EPA 8270C	53.5	ND	"	1.B
2-Chloronaphthalene	"	"	"	EPA 8270C	53.5	ND	"	1.B
2-Nitroaniline	"	"	"	EPA 8270C	53.5	ND	"	1.B
Dimethyl phthalate	"	"	"	EPA 8270C	53.5	ND	"	1.B
Acenaphthylene	"	"	"	EPA 8270C	53.5	ND	"	1.B
2,6-Dinitrotoluene	"	"	"	EPA 8270C	53.5	ND	"	1.B
3-Nitroaniline	"	"	"	EPA 8270C	53.5	ND	"	1.B
Acenaphthene	"	"	"	EPA 8270C	53.5	ND	"	1.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 0-2 (continued)			**0072916-01**				**Soil**	
2,4-Dinitrophenol	B031116	7/29/10	7/30/10	EPA 8270C	53.5	ND	ug/kg dry	1.B
Dibenzofuran	"	"	"	EPA 8270C	53.5	ND	"	1.B
4-Nitrophenol	"	"	"	EPA 8270C	53.5	ND	"	1.B
2,4-Dinitrotoluene	"	"	"	EPA 8270C	53.5	ND	"	1.B
Fluorene	"	"	"	EPA 8270C	53.5	ND	"	1.B
Diethyl phthalate	"	"	"	EPA 8270C	53.5	**65.1**	"	1.B, 4.B
4-Chlorophenyl phenyl ether	"	"	"	EPA 8270C	53.5	ND	"	1.B
4-Nitroaniline	"	"	"	EPA 8270C	53.5	ND	"	1.B
4,6-Dinitro-2-methylphenol	"	"	"	EPA 8270C	53.5	ND	"	1.B
N-Nitrosodiphenylamine	"	"	"	EPA 8270C	53.5	ND	"	1.B
Azobenzene	"	"	"	EPA 8270C	53.5	ND	"	1.B
4-Bromophenyl phenyl ether	"	"	"	EPA 8270C	53.5	ND	"	1.B
Hexachlorobenzene	"	"	"	EPA 8270C	53.5	ND	"	1.B
Pentachlorophenol	"	"	"	EPA 8270C	53.5	ND	"	1.B
Phenanthrene	"	"	"	EPA 8270C	53.5	ND	"	1.B
Anthracene	"	"	"	EPA 8270C	53.5	ND	"	1.B
Carbazole	"	"	"	EPA 8270C	53.5	ND	"	1.B
Di-n-butyl phthalate	"	"	"	EPA 8270C	53.5	ND	"	1.B
Fluoranthene	"	"	"	EPA 8270C	53.5	**259**	"	1.B
Pyrene	"	"	"	EPA 8270C	53.5	**245**	"	1.B
Benzidine	"	"	"	EPA 8270C	53.5	ND	"	1.B
Butyl benzyl phthalate	"	"	"	EPA 8270C	53.5	**190**	"	1.B
Benzo(a)anthracene	"	"	"	EPA 8270C	53.5	**212**	"	1.B
Chrysene	"	"	"	EPA 8270C	53.5	**246**	"	1.B
3,3'-Dichlorobenzidine	"	"	"	EPA 8270C	53.5	ND	"	1.B
Bis(2-Ethylhexyl)phthalate	"	"	"	EPA 8270C	53.5	**185**	"	1.B
Di-n-octyl phthalate	"	"	"	EPA 8270C	53.5	ND	"	1.B
Benzo(b)fluoranthene	"	"	"	EPA 8270C	53.5	**324**	"	1.B
Benzo(k)fluoranthene	"	"	"	EPA 8270C	53.5	**144**	"	1.B, 4.B
Benzo(a)pyrene	"	"	"	EPA 8270C	53.5	**194**	"	1.B
Indeno(1,2,3-cd)pyrene	"	"	"	EPA 8270C	53.5	**186**	"	1.B
Dibenzo(a,h)anthracene	"	"	"	EPA 8270C	53.5	ND	"	1.B
Benzo(g,h,i)perylene	"	"	"	EPA 8270C	53.5	**177**	"	1.B, 4.B
Benzo[e]pyrene	"	"	"	EPA 8270C		**222**	"	1.B
Erucylamide	"	"	"	EPA 8270C		**1020**	"	1.B
n-Hexadecanoic acid	"	"	"	EPA 8270C		**441**	"	1.B
Tetrachloroethylene	"	"	"	EPA 8270C		**606**	"	1.B
Tridecane	"	"	"	EPA 8270C		**231**	"	1.B

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 0-2 (continued)			**0072916-01**				**Soil**	
unknown	B031116	7/29/10	7/30/10	EPA 8270C		**340**	ug/kg dry	1.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 2-4			**0072916-02**				**Soil**	
Pyridine	B031116	7/29/10	7/30/10	EPA 8270C	42.3	ND	ug/kg dry	1.B
N-Nitrosodimethylamine	"	"	"	EPA 8270C	42.3	ND	"	1.B
Phenol	"	"	"	EPA 8270C	42.3	ND	"	1.B
Aniline	"	"	"	EPA 8270C	42.3	ND	"	1.B
2-Chlorophenol	"	"	"	EPA 8270C	42.3	ND	"	1.B
Bis(2-Chloroethyl)ether	"	"	"	EPA 8270C	42.3	ND	"	1.B
1,3-Dichlorobenzene	"	"	"	EPA 8270C	42.3	ND	"	1.B
1,4-Dichlorobenzene	"	"	"	EPA 8270C	42.3	ND	"	1.B
Benzyl alcohol	"	"	"	EPA 8270C	42.3	ND	"	1.B
1,2-Dichlorobenzene	"	"	"	EPA 8270C	42.3	ND	"	1.B
2-Methylphenol	"	"	"	EPA 8270C	42.3	ND	"	1.B
Bis(2-chloroisopropyl)ether	"	"	"	EPA 8270C	42.3	ND	"	1.B
Hexachloroethane	"	"	"	EPA 8270C	42.3	ND	"	1.B
3/4-Methylphenol	"	"	"	EPA 8270C	42.3	ND	"	1.B
N-Nitroso-di-n-propylamine	"	"	"	EPA 8270C	42.3	ND	"	1.B
Nitrobenzene	"	"	"	EPA 8270C	42.3	ND	"	1.B
Isophorone	"	"	"	EPA 8270C	42.3	ND	"	1.B
2-Nitrophenol	"	"	"	EPA 8270C	42.3	ND	"	1.B
2,4-Dimethylphenol	"	"	"	EPA 8270C	42.3	ND	"	1.B
Benzoic Acid	"	"	"	EPA 8270C	42.3	ND	"	1.B
bis(2-Chloroethoxy)methane	"	"	"	EPA 8270C	42.3	ND	"	1.B
2,4-Dichlorophenol	"	"	"	EPA 8270C	42.3	ND	"	1.B
1,2,4-Trichlorobenzene	"	"	"	EPA 8270C	42.3	ND	"	1.B
Naphthalene	"	"	"	EPA 8270C	42.3	ND	"	1.B
4-Chloroaniline	"	"	"	EPA 8270C	42.3	ND	"	1.B
Hexachlorobutadiene	"	"	"	EPA 8270C	42.3	ND	"	1.B
4-Chloro-3-methylphenol	"	"	"	EPA 8270C	42.3	ND	"	1.B
2-Methylnaphthalene	"	"	"	EPA 8270C	42.3	ND	"	1.B
Hexachlorocyclopentadiene	"	"	"	EPA 8270C	42.3	ND	"	1.B
2,4,6-Trichlorophenol	"	"	"	EPA 8270C	42.3	ND	"	1.B
2,4,5-Trichlorophenol	"	"	"	EPA 8270C	42.3	ND	"	1.B
2-Chloronaphthalene	"	"	"	EPA 8270C	42.3	ND	"	1.B
2-Nitroaniline	"	"	"	EPA 8270C	42.3	ND	"	1.B
Dimethyl phthalate	"	"	"	EPA 8270C	42.3	ND	"	1.B
Acenaphthylene	"	"	"	EPA 8270C	42.3	ND	"	1.B
2,6-Dinitrotoluene	"	"	"	EPA 8270C	42.3	ND	"	1.B
3-Nitroaniline	"	"	"	EPA 8270C	42.3	ND	"	1.B
Acenaphthene	"	"	"	EPA 8270C	42.3	ND	"	1.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 2-4 (continued)			**0072916-02**				**Soil**	
2,4-Dinitrophenol	B031116	7/29/10	7/30/10	EPA 8270C	42.3	ND	ug/kg dry	1.B
Dibenzofuran	"	"	"	EPA 8270C	42.3	ND	"	1.B
4-Nitrophenol	"	"	"	EPA 8270C	42.3	ND	"	1.B
2,4-Dinitrotoluene	"	"	"	EPA 8270C	42.3	ND	"	1.B
Fluorene	"	"	"	EPA 8270C	42.3	ND	"	1.B
Diethyl phthalate	"	"	"	EPA 8270C	42.3	ND	"	1.B
4-Chlorophenyl phenyl ether	"	"	"	EPA 8270C	42.3	ND	"	1.B
4-Nitroaniline	"	"	"	EPA 8270C	42.3	ND	"	1.B
4,6-Dinitro-2-methylphenol	"	"	"	EPA 8270C	42.3	ND	"	1.B
N-Nitrosodiphenylamine	"	"	"	EPA 8270C	42.3	ND	"	1.B
Azobenzene	"	"	"	EPA 8270C	42.3	ND	"	1.B
4-Bromophenyl phenyl ether	"	"	"	EPA 8270C	42.3	ND	"	1.B
Hexachlorobenzene	"	"	"	EPA 8270C	42.3	ND	"	4.H
Pentachlorophenol	"	"	"	EPA 8270C	42.3	ND	"	1.B
Phenanthrene	"	"	"	EPA 8270C	42.3	**66.9**	"	1.B, 4.B
Anthracene	"	"	"	EPA 8270C	42.3	ND	"	1.B
Carbazole	"	"	"	EPA 8270C	42.3	ND	"	1.B
Di-n-butyl phthalate	"	"	"	EPA 8270C	42.3	ND	"	1.B
Fluoranthene	"	"	"	EPA 8270C	42.3	**115**	"	1.B, 4.B
Pyrene	"	"	"	EPA 8270C	42.3	**101**	"	1.B, 4.B
Benzidine	"	"	"	EPA 8270C	42.3	ND	"	1.B
Butyl benzyl phthalate	"	"	"	EPA 8270C	42.3	**47.9**	"	4.B, 1.B
Benzo(a)anthracene	"	"	"	EPA 8270C	42.3	**55.7**	"	1.B, 4.B
Chrysene	"	"	"	EPA 8270C	42.3	**83.2**	"	1.B, 4.B
3,3'-Dichlorobenzidine	"	"	"	EPA 8270C	42.3	ND	"	1.B
Bis(2-Ethylhexyl)phthalate	"	"	"	EPA 8270C	42.3	**316**	"	1.B
Di-n-octyl phthalate	"	"	"	EPA 8270C	42.3	ND	"	1.B
Benzo(b)fluoranthene	"	"	"	EPA 8270C	42.3	**111**	"	1.B, 4.B
Benzo(k)fluoranthene	"	"	"	EPA 8270C	42.3	**47.9**	"	1.B, 4.B
Benzo(a)pyrene	"	"	"	EPA 8270C	42.3	**68.4**	"	1.B, 4.B
Indeno(1,2,3-cd)pyrene	"	"	"	EPA 8270C	42.3	**71.9**	"	1.B, 4.B
Dibenzo(a,h)anthracene	"	"	"	EPA 8270C	42.3	ND	"	1.B
Benzo(g,h,i)perylene	"	"	"	EPA 8270C	42.3	**79.6**	"	1.B, 4.B
Erucylamide	"	"	"	EPA 8270C		**342**	"	1.B
n-Hexadecanoic acid	"	"	"	EPA 8270C		**388**	"	1.B
Tetrachloroethylene	"	"	"	EPA 8270C		**186**	"	1.B
unknown (01)	"	"	"	EPA 8270C		**202**	"	1.B
unknown (02)	"	"	"	EPA 8270C		**2250**	"	1.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 2-4 (continued)			**0072916-02**				**Soil**	
unknown (03)	B031116	7/29/10	7/30/10	EPA 8270C		**1030**	ug/kg dry	1.B
unknown (04)	"	"	"	EPA 8270C		**310**	"	1.B
unknown (05)	"	"	"	EPA 8270C		**1260**	"	1.B
unknown (06)	"	"	"	EPA 8270C		**223**	"	1.B
unknown (07)	"	"	"	EPA 8270C		**221**	"	1.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 0-2			**0072916-05**				**Soil**	
Pyridine	B031116	7/29/10	7/30/10	EPA 8270C	40.9	ND	ug/kg dry	1.B
N-Nitrosodimethylamine	"	"	"	EPA 8270C	40.9	ND	"	1.B
Phenol	"	"	"	EPA 8270C	40.9	ND	"	1.B
Aniline	"	"	"	EPA 8270C	40.9	ND	"	1.B
2-Chlorophenol	"	"	"	EPA 8270C	40.9	ND	"	1.B
Bis(2-Chloroethyl)ether	"	"	"	EPA 8270C	40.9	ND	"	1.B
1,3-Dichlorobenzene	"	"	"	EPA 8270C	40.9	ND	"	1.B
1,4-Dichlorobenzene	"	"	"	EPA 8270C	40.9	ND	"	1.B
Benzyl alcohol	"	"	"	EPA 8270C	40.9	ND	"	1.B
1,2-Dichlorobenzene	"	"	"	EPA 8270C	40.9	ND	"	1.B
2-Methylphenol	"	"	"	EPA 8270C	40.9	ND	"	1.B
Bis(2-chloroisopropyl)ether	"	"	"	EPA 8270C	40.9	ND	"	1.B
Hexachloroethane	"	"	"	EPA 8270C	40.9	ND	"	1.B
3/4-Methylphenol	"	"	"	EPA 8270C	40.9	ND	"	1.B
N-Nitroso-di-n-propylamine	"	"	"	EPA 8270C	40.9	ND	"	1.B
Nitrobenzene	"	"	"	EPA 8270C	40.9	ND	"	1.B
Isophorone	"	"	"	EPA 8270C	40.9	ND	"	1.B
2-Nitrophenol	"	"	"	EPA 8270C	40.9	ND	"	1.B
2,4-Dimethylphenol	"	"	"	EPA 8270C	40.9	ND	"	1.B
Benzoic Acid	"	"	"	EPA 8270C	40.9	ND	"	1.B
bis(2-Chloroethoxy)methane	"	"	"	EPA 8270C	40.9	ND	"	1.B
2,4-Dichlorophenol	"	"	"	EPA 8270C	40.9	ND	"	1.B
1,2,4-Trichlorobenzene	"	"	"	EPA 8270C	40.9	ND	"	1.B
Naphthalene	"	"	"	EPA 8270C	40.9	ND	"	1.B
4-Chloroaniline	"	"	"	EPA 8270C	40.9	ND	"	1.B
Hexachlorobutadiene	"	"	"	EPA 8270C	40.9	ND	"	1.B
4-Chloro-3-methylphenol	"	"	"	EPA 8270C	40.9	ND	"	1.B
2-Methylnaphthalene	"	"	"	EPA 8270C	40.9	ND	"	1.B
Hexachlorocyclopentadiene	"	"	"	EPA 8270C	40.9	ND	"	1.B
2,4,6-Trichlorophenol	"	"	"	EPA 8270C	40.9	ND	"	1.B
2,4,5-Trichlorophenol	"	"	"	EPA 8270C	40.9	ND	"	1.B
2-Chloronaphthalene	"	"	"	EPA 8270C	40.9	ND	"	1.B
2-Nitroaniline	"	"	"	EPA 8270C	40.9	ND	"	1.B
Dimethyl phthalate	"	"	"	EPA 8270C	40.9	ND	"	1.B
Acenaphthylene	"	"	"	EPA 8270C	40.9	ND	"	1.B
2,6-Dinitrotoluene	"	"	"	EPA 8270C	40.9	ND	"	1.B
3-Nitroaniline	"	"	"	EPA 8270C	40.9	ND	"	1.B
Acenaphthene	"	"	"	EPA 8270C	40.9	ND	"	1.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 0-2 (continued)			**0072916-05**				**Soil**	
2,4-Dinitrophenol	B031116	7/29/10	7/30/10	EPA 8270C	40.9	ND	ug/kg dry	1.B
Dibenzofuran	"	"	"	EPA 8270C	40.9	ND	"	1.B
4-Nitrophenol	"	"	"	EPA 8270C	40.9	ND	"	1.B
2,4-Dinitrotoluene	"	"	"	EPA 8270C	40.9	ND	"	1.B
Fluorene	"	"	"	EPA 8270C	40.9	ND	"	1.B
Diethyl phthalate	"	"	"	EPA 8270C	40.9	ND	"	1.B
4-Chlorophenyl phenyl ether	"	"	"	EPA 8270C	40.9	ND	"	1.B
4-Nitroaniline	"	"	"	EPA 8270C	40.9	ND	"	1.B
4,6-Dinitro-2-methylphenol	"	"	"	EPA 8270C	40.9	ND	"	1.B
N-Nitrosodiphenylamine	"	"	"	EPA 8270C	40.9	ND	"	1.B
Azobenzene	"	"	"	EPA 8270C	40.9	ND	"	1.B
4-Bromophenyl phenyl ether	"	"	"	EPA 8270C	40.9	ND	"	1.B
Hexachlorobenzene	"	"	"	EPA 8270C	40.9	ND	"	1.B
Pentachlorophenol	"	"	"	EPA 8270C	40.9	ND	"	1.B
Phenanthrene	"	"	"	EPA 8270C	40.9	ND	"	1.B
Anthracene	"	"	"	EPA 8270C	40.9	ND	"	1.B
Carbazole	"	"	"	EPA 8270C	40.9	ND	"	1.B
Di-n-butyl phthalate	"	"	"	EPA 8270C	40.9	ND	"	1.B
Fluoranthene	"	"	"	EPA 8270C	40.9	**158**	"	1.B
Pyrene	"	"	"	EPA 8270C	40.9	**121**	"	1.B, 4.B
Benzidine	"	"	"	EPA 8270C	40.9	ND	"	1.B
Butyl benzyl phthalate	"	"	"	EPA 8270C	40.9	ND	"	1.B
Benzo(a)anthracene	"	"	"	EPA 8270C	40.9	**110**	"	4.B, 1.B
Chrysene	"	"	"	EPA 8270C	40.9	**219**	"	1.B
3,3'-Dichlorobenzidine	"	"	"	EPA 8270C	40.9	ND	"	1.B
Bis(2-Ethylhexyl)phthalate	"	"	"	EPA 8270C	40.9	**110**	"	4.B, 1.B
Di-n-octyl phthalate	"	"	"	EPA 8270C	40.9	ND	"	1.B
Benzo(b)fluoranthene	"	"	"	EPA 8270C	40.9	**548**	"	1.B
Benzo(k)fluoranthene	"	"	"	EPA 8270C	40.9	**167**	"	1.B
Benzo(a)pyrene	"	"	"	EPA 8270C	40.9	**112**	"	4.B, 1.B
Indeno(1,2,3-cd)pyrene	"	"	"	EPA 8270C	40.9	**416**	"	1.B
Dibenzo(a,h)anthracene	"	"	"	EPA 8270C	40.9	**138**	"	1.B
Benzo(g,h,i)perylene	"	"	"	EPA 8270C	40.9	**482**	"	1.B
1,1-Dichloro-2,2-bis(p-chloropheny	"	"	"	EPA 8270C		**613**	"	1.B
Benzo[e]pyrene	"	"	"	EPA 8270C		**392**	"	1.B
Erucylamide	"	"	"	EPA 8270C		**875**	"	1.B
Mitotane	"	"	"	EPA 8270C		**241**	"	1.B
n-Hexadecanoic acid	"	"	"	EPA 8270C		**287**	"	1.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 0-2 (continued)			**0072916-05**				**Soil**	
Tetrachloroethylene	B031116	7/29/10	7/30/10	EPA 8270C		**664**	ug/kg dry	1.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 2-4			**0072916-06**				**Soil**	
Pyridine	B031116	7/29/10	7/30/10	EPA 8270C	43.0	ND	ug/kg dry	1.B
N-Nitrosodimethylamine	"	"	"	EPA 8270C	43.0	ND	"	1.B
Phenol	"	"	"	EPA 8270C	43.0	ND	"	1.B
Aniline	"	"	"	EPA 8270C	43.0	ND	"	1.B
2-Chlorophenol	"	"	"	EPA 8270C	43.0	ND	"	1.B
Bis(2-Chloroethyl)ether	"	"	"	EPA 8270C	43.0	ND	"	1.B
1,3-Dichlorobenzene	"	"	"	EPA 8270C	43.0	ND	"	1.B
1,4-Dichlorobenzene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Benzyl alcohol	"	"	"	EPA 8270C	43.0	ND	"	1.B
1,2-Dichlorobenzene	"	"	"	EPA 8270C	43.0	ND	"	1.B
2-Methylphenol	"	"	"	EPA 8270C	43.0	ND	"	1.B
Bis(2-chloroisopropyl)ether	"	"	"	EPA 8270C	43.0	ND	"	1.B
Hexachloroethane	"	"	"	EPA 8270C	43.0	ND	"	1.B
3/4-Methylphenol	"	"	"	EPA 8270C	43.0	ND	"	1.B
N-Nitroso-di-n-propylamine	"	"	"	EPA 8270C	43.0	ND	"	1.B
Nitrobenzene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Isophorone	"	"	"	EPA 8270C	43.0	ND	"	1.B
2-Nitrophenol	"	"	"	EPA 8270C	43.0	ND	"	1.B
2,4-Dimethylphenol	"	"	"	EPA 8270C	43.0	ND	"	1.B
Benzoic Acid	"	"	"	EPA 8270C	43.0	ND	"	1.B
bis(2-Chloroethoxy)methane	"	"	"	EPA 8270C	43.0	ND	"	1.B
2,4-Dichlorophenol	"	"	"	EPA 8270C	43.0	ND	"	1.B
1,2,4-Trichlorobenzene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Naphthalene	"	"	"	EPA 8270C	43.0	ND	"	1.B
4-Chloroaniline	"	"	"	EPA 8270C	43.0	ND	"	1.B
Hexachlorobutadiene	"	"	"	EPA 8270C	43.0	ND	"	1.B
4-Chloro-3-methylphenol	"	"	"	EPA 8270C	43.0	ND	"	1.B
2-Methylnaphthalene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Hexachlorocyclopentadiene	"	"	"	EPA 8270C	43.0	ND	"	1.B
2,4,6-Trichlorophenol	"	"	"	EPA 8270C	43.0	ND	"	1.B
2,4,5-Trichlorophenol	"	"	"	EPA 8270C	43.0	ND	"	1.B
2-Chloronaphthalene	"	"	"	EPA 8270C	43.0	ND	"	1.B
2-Nitroaniline	"	"	"	EPA 8270C	43.0	ND	"	1.B
Dimethyl phthalate	"	"	"	EPA 8270C	43.0	ND	"	1.B
Acenaphthylene	"	"	"	EPA 8270C	43.0	ND	"	1.B
2,6-Dinitrotoluene	"	"	"	EPA 8270C	43.0	ND	"	1.B
3-Nitroaniline	"	"	"	EPA 8270C	43.0	ND	"	1.B
Acenaphthene	"	"	"	EPA 8270C	43.0	ND	"	1.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 2-4 (continued)			**0072916-06**				**Soil**	
2,4-Dinitrophenol	B031116	7/29/10	7/30/10	EPA 8270C	43.0	ND	ug/kg dry	1.B
Dibenzofuran	"	"	"	EPA 8270C	43.0	ND	"	1.B
4-Nitrophenol	"	"	"	EPA 8270C	43.0	ND	"	1.B
2,4-Dinitrotoluene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Fluorene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Diethyl phthalate	"	"	"	EPA 8270C	43.0	ND	"	1.B
4-Chlorophenyl phenyl ether	"	"	"	EPA 8270C	43.0	ND	"	1.B
4-Nitroaniline	"	"	"	EPA 8270C	43.0	ND	"	1.B
4,6-Dinitro-2-methylphenol	"	"	"	EPA 8270C	43.0	ND	"	1.B
N-Nitrosodiphenylamine	"	"	"	EPA 8270C	43.0	ND	"	1.B
Azobenzene	"	"	"	EPA 8270C	43.0	ND	"	1.B
4-Bromophenyl phenyl ether	"	"	"	EPA 8270C	43.0	ND	"	1.B
Hexachlorobenzene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Pentachlorophenol	"	"	"	EPA 8270C	43.0	ND	"	1.B
Phenanthrene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Anthracene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Carbazole	"	"	"	EPA 8270C	43.0	ND	"	1.B
Di-n-butyl phthalate	"	"	"	EPA 8270C	43.0	ND	"	1.B
Fluoranthene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Pyrene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Benzidine	"	"	"	EPA 8270C	43.0	ND	"	1.B
Butyl benzyl phthalate	"	"	"	EPA 8270C	43.0	ND	"	1.B
Benzo(a)anthracene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Chrysene	"	"	"	EPA 8270C	43.0	**46.6**	"	1.B, 4.B
3,3'-Dichlorobenzidine	"	"	"	EPA 8270C	43.0	ND	"	1.B
Bis(2-Ethylhexyl)phthalate	"	"	"	EPA 8270C	43.0	**43.7**	"	1.B, 4.B
Di-n-octyl phthalate	"	"	"	EPA 8270C	43.0	ND	"	1.B
Benzo(b)fluoranthene	"	"	"	EPA 8270C	43.0	**101**	"	1.B, 4.B
Benzo(k)fluoranthene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Benzo(a)pyrene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Indeno(1,2,3-cd)pyrene	"	"	"	EPA 8270C	43.0	**78.9**	"	1.B, 4.B
Dibenzo(a,h)anthracene	"	"	"	EPA 8270C	43.0	ND	"	1.B
Benzo(g,h,i)perylene	"	"	"	EPA 8270C	43.0	**93.9**	"	1.B, 4.B
2,4-Diphenyl-4-methyl-1(E)-pentene	"	"	"	EPA 8270C		**301**	"	1.B
Cholestan-3-one (01)	"	"	"	EPA 8270C		**632**	"	1.B
Cholestan-3-one (02)	"	"	"	EPA 8270C		**852**	"	1.B
Cholestan-3-one (03)	"	"	"	EPA 8270C		**191**	"	1.B
Cholestanol (01)	"	"	"	EPA 8270C		**902**	"	1.B

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 2-4 (continued)			**0072916-06**				**Soil**	
Cholestanol (02)	B031116	7/29/10	7/30/10	EPA 8270C		**585**	ug/kg dry	1.B
Cholestanol (03)	"	"	"	EPA 8270C		**474**	"	1.B
Cholestanol (04)	"	"	"	EPA 8270C		**708**	"	1.B
n-Hexadecanoic acid	"	"	"	EPA 8270C		**605**	"	1.B
Octadecanoic acid	"	"	"	EPA 8270C		**239**	"	1.B
Tetrachloroethylene	"	"	"	EPA 8270C		**186**	"	1.B
unknown (01)	"	"	"	EPA 8270C		**4030**	"	1.B
unknown (02)	"	"	"	EPA 8270C		**1840**	"	1.B
unknown (03)	"	"	"	EPA 8270C		**2570**	"	1.B
unknown (04)	"	"	"	EPA 8270C		**436**	"	1.B
unknown (05)	"	"	"	EPA 8270C		**265**	"	1.B
unknown (06)	"	"	"	EPA 8270C		**283**	"	1.B
unknown (07)	"	"	"	EPA 8270C		**556**	"	1.B
unknown (08)	"	"	"	EPA 8270C		**295**	"	1.B
unknown (09)	"	"	"	EPA 8270C		**244**	"	1.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 0-2			**0072916-15**				**Soil**	
Pyridine	B031116	7/29/10	7/30/10	EPA 8270C	82.2	ND	ug/kg dry	3.B
N-Nitrosodimethylamine	"	"	"	EPA 8270C	82.2	ND	"	3.B
Phenol	"	"	"	EPA 8270C	82.2	ND	"	3.B
Aniline	"	"	"	EPA 8270C	82.2	ND	"	3.B
2-Chlorophenol	"	"	"	EPA 8270C	82.2	ND	"	3.B
Bis(2-Chloroethyl)ether	"	"	"	EPA 8270C	82.2	ND	"	3.B
1,3-Dichlorobenzene	"	"	"	EPA 8270C	82.2	ND	"	3.B
1,4-Dichlorobenzene	"	"	"	EPA 8270C	82.2	ND	"	3.B
Benzyl alcohol	"	"	"	EPA 8270C	82.2	ND	"	3.B
1,2-Dichlorobenzene	"	"	"	EPA 8270C	82.2	ND	"	3.B
2-Methylphenol	"	"	"	EPA 8270C	82.2	ND	"	3.B
Bis(2-chloroisopropyl)ether	"	"	"	EPA 8270C	82.2	ND	"	3.B
Hexachloroethane	"	"	"	EPA 8270C	82.2	ND	"	3.B
3/4-Methylphenol	"	"	"	EPA 8270C	82.2	ND	"	3.B
N-Nitroso-di-n-propylamine	"	"	"	EPA 8270C	82.2	ND	"	3.B
Nitrobenzene	"	"	"	EPA 8270C	82.2	ND	"	3.B
Isophorone	"	"	"	EPA 8270C	82.2	ND	"	3.B
2-Nitrophenol	"	"	"	EPA 8270C	82.2	ND	"	3.B
2,4-Dimethylphenol	"	"	"	EPA 8270C	82.2	ND	"	3.B
Benzoic Acid	"	"	"	EPA 8270C	82.2	ND	"	3.B
bis(2-Chloroethoxy)methane	"	"	"	EPA 8270C	82.2	ND	"	3.B
2,4-Dichlorophenol	"	"	"	EPA 8270C	82.2	ND	"	3.B
1,2,4-Trichlorobenzene	"	"	"	EPA 8270C	82.2	ND	"	3.B
Naphthalene	"	"	"	EPA 8270C	82.2	ND	"	3.B
4-Chloroaniline	"	"	"	EPA 8270C	82.2	ND	"	3.B
Hexachlorobutadiene	"	"	"	EPA 8270C	82.2	ND	"	3.B
4-Chloro-3-methylphenol	"	"	"	EPA 8270C	82.2	ND	"	3.B
2-Methylnaphthalene	"	"	"	EPA 8270C	82.2	ND	"	3.B
Hexachlorocyclopentadiene	"	"	"	EPA 8270C	82.2	ND	"	3.B
2,4,6-Trichlorophenol	"	"	"	EPA 8270C	82.2	ND	"	3.B
2,4,5-Trichlorophenol	"	"	"	EPA 8270C	82.2	ND	"	3.B
2-Chloronaphthalene	"	"	"	EPA 8270C	82.2	ND	"	3.B
2-Nitroaniline	"	"	"	EPA 8270C	82.2	ND	"	3.B
Dimethyl phthalate	"	"	"	EPA 8270C	82.2	ND	"	3.B
Acenaphthylene	"	"	"	EPA 8270C	82.2	ND	"	3.B
2,6-Dinitrotoluene	"	"	"	EPA 8270C	82.2	ND	"	3.B
3-Nitroaniline	"	"	"	EPA 8270C	82.2	ND	"	3.B
Acenaphthene	"	"	"	EPA 8270C	82.2	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 0-2 (continued)			**0072916-15**				**Soil**	
2,4-Dinitrophenol	B031116	7/29/10	7/30/10	EPA 8270C	82.2	ND	ug/kg dry	3.B
Dibenzofuran	"	"	"	EPA 8270C	82.2	ND	"	3.B
4-Nitrophenol	"	"	"	EPA 8270C	82.2	ND	"	3.B
2,4-Dinitrotoluene	"	"	"	EPA 8270C	82.2	ND	"	3.B
Fluorene	"	"	"	EPA 8270C	82.2	ND	"	3.B
Diethyl phthalate	"	"	"	EPA 8270C	82.2	ND	"	3.B
4-Chlorophenyl phenyl ether	"	"	"	EPA 8270C	82.2	ND	"	3.B
4-Nitroaniline	"	"	"	EPA 8270C	82.2	ND	"	3.B
4,6-Dinitro-2-methylphenol	"	"	"	EPA 8270C	82.2	ND	"	3.B
N-Nitrosodiphenylamine	"	"	"	EPA 8270C	82.2	ND	"	3.B
Azobenzene	"	"	"	EPA 8270C	82.2	ND	"	3.B
4-Bromophenyl phenyl ether	"	"	"	EPA 8270C	82.2	ND	"	3.B
Hexachlorobenzene	"	"	"	EPA 8270C	82.2	ND	"	3.B
Pentachlorophenol	"	"	"	EPA 8270C	82.2	ND	"	3.B
Phenanthrene	"	"	"	EPA 8270C	82.2	**236**	"	3.B, 4.B
Anthracene	"	"	"	EPA 8270C	82.2	ND	"	3.B
Carbazole	"	"	"	EPA 8270C	82.2	ND	"	3.B
Di-n-butyl phthalate	"	"	"	EPA 8270C	82.2	**119**	"	3.B, 4.B
Fluoranthene	"	"	"	EPA 8270C	82.2	**493**	"	3.B
Pyrene	"	"	"	EPA 8270C	82.2	**416**	"	3.B
Benzidine	"	"	"	EPA 8270C	82.2	ND	"	3.B
Butyl benzyl phthalate	"	"	"	EPA 8270C	82.2	**1460**	"	3.B
Benzo(a)anthracene	"	"	"	EPA 8270C	82.2	**268**	"	3.B, 4.B
Chrysene	"	"	"	EPA 8270C	82.2	**448**	"	3.B
3,3'-Dichlorobenzidine	"	"	"	EPA 8270C	82.2	ND	"	3.B
Bis(2-Ethylhexyl)phthalate	"	"	8/2/10	EPA 8270C	411	**24700**	"	3.B
Di-n-octyl phthalate	"	"	7/30/10	EPA 8270C	82.2	**205**	"	3.B, 4.B
Benzo(b)fluoranthene	"	"	"	EPA 8270C	82.2	**774**	"	3.B
Benzo(k)fluoranthene	"	"	"	EPA 8270C	82.2	**244**	"	3.B, 4.B
Benzo(a)pyrene	"	"	"	EPA 8270C	82.2	**216**	"	3.B, 4.B
Indeno(1,2,3-cd)pyrene	"	"	"	EPA 8270C	82.2	**478**	"	3.B
Dibenzo(a,h)anthracene	"	"	"	EPA 8270C	82.2	**119**	"	3.B, 4.B
Benzo(g,h,i)perylene	"	"	"	EPA 8270C	82.2	**471**	"	3.B
1,2-Benzenedicarboxylic acid, diis	"	"	"	EPA 8270C		**981**	"	3.B
1H-Indene, 2,3-dihydro-1,1,3-trime	"	"	"	EPA 8270C		**1590**	"	3.B
2,4-Diphenyl-4-methyl-1(E)-pentene	"	"	"	EPA 8270C		**508**	"	3.B
2,4-Diphenyl-4-methyl-2(E)-pentene	"	"	"	EPA 8270C		**896**	"	3.B
Benzo[e]pyrene	"	"	"	EPA 8270C		**466**	"	3.B

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 0-2 (continued)			**0072916-15**				**Soil**	
Cholest-4-en-3-one (01)	B031116	7/29/10	7/30/10	EPA 8270C		**874**	ug/kg dry	3.B
Cholest-4-en-3-one (02)	"	"	"	EPA 8270C		**1310**	"	3.B
Erucylamide	"	"	"	EPA 8270C		**1470**	"	3.B
Phenanthrene, 2,5-dimethyl-	"	"	"	EPA 8270C		**468**	"	3.B
unknown (01)	"	"	"	EPA 8270C		**414**	"	3.B
unknown (02)	"	"	"	EPA 8270C		**1580**	"	3.B
unknown (03)	"	"	"	EPA 8270C		**5310**	"	3.B
unknown (04)	"	"	"	EPA 8270C		**882**	"	3.B
unknown (05)	"	"	"	EPA 8270C		**2890**	"	3.B
unknown (06)	"	"	"	EPA 8270C		**1450**	"	3.B
unknown (07)	"	"	"	EPA 8270C		**1140**	"	3.B
unknown (08)	"	"	"	EPA 8270C		**4180**	"	3.B
unknown (09)	"	"	"	EPA 8270C		**511**	"	3.B
unknown (10)	"	"	"	EPA 8270C		**666**	"	3.B
unknown (11)	"	"	"	EPA 8270C		**577**	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
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Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 2-4			**0072916-16**				**Soil**	
Pyridine	B031116	7/29/10	7/30/10	EPA 8270C	42.9	ND	ug/kg dry	
N-Nitrosodimethylamine	"	"	"	EPA 8270C	42.9	ND	"	
Phenol	"	"	"	EPA 8270C	42.9	ND	"	
Aniline	"	"	"	EPA 8270C	42.9	ND	"	
2-Chlorophenol	"	"	"	EPA 8270C	42.9	ND	"	
Bis(2-Chloroethyl)ether	"	"	"	EPA 8270C	42.9	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8270C	42.9	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8270C	42.9	ND	"	
Benzyl alcohol	"	"	"	EPA 8270C	42.9	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8270C	42.9	ND	"	
2-Methylphenol	"	"	"	EPA 8270C	42.9	ND	"	
Bis(2-chloroisopropyl)ether	"	"	"	EPA 8270C	42.9	ND	"	
Hexachloroethane	"	"	"	EPA 8270C	42.9	ND	"	
3/4-Methylphenol	"	"	"	EPA 8270C	42.9	ND	"	
N-Nitroso-di-n-propylamine	"	"	"	EPA 8270C	42.9	ND	"	
Nitrobenzene	"	"	"	EPA 8270C	42.9	ND	"	
Isophorone	"	"	"	EPA 8270C	42.9	ND	"	
2-Nitrophenol	"	"	"	EPA 8270C	42.9	ND	"	
2,4-Dimethylphenol	"	"	"	EPA 8270C	42.9	ND	"	
Benzoic Acid	"	"	"	EPA 8270C	42.9	ND	"	
bis(2-Chloroethoxy)methane	"	"	"	EPA 8270C	42.9	ND	"	
2,4-Dichlorophenol	"	"	"	EPA 8270C	42.9	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8270C	42.9	ND	"	
Naphthalene	"	"	"	EPA 8270C	42.9	ND	"	
4-Chloroaniline	"	"	"	EPA 8270C	42.9	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8270C	42.9	ND	"	
4-Chloro-3-methylphenol	"	"	"	EPA 8270C	42.9	ND	"	
2-Methylnaphthalene	"	"	"	EPA 8270C	42.9	ND	"	
Hexachlorocyclopentadiene	"	"	"	EPA 8270C	42.9	ND	"	
2,4,6-Trichlorophenol	"	"	"	EPA 8270C	42.9	ND	"	
2,4,5-Trichlorophenol	"	"	"	EPA 8270C	42.9	ND	"	
2-Chloronaphthalene	"	"	"	EPA 8270C	42.9	ND	"	
2-Nitroaniline	"	"	"	EPA 8270C	42.9	ND	"	
Dimethyl phthalate	"	"	"	EPA 8270C	42.9	ND	"	
Acenaphthylene	"	"	"	EPA 8270C	42.9	ND	"	
2,6-Dinitrotoluene	"	"	"	EPA 8270C	42.9	ND	"	
3-Nitroaniline	"	"	"	EPA 8270C	42.9	ND	"	
Acenaphthene	"	"	"	EPA 8270C	42.9	ND	"	

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Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 2-4 (continued)			**0072916-16**				**Soil**	
2,4-Dinitrophenol	B031116	7/29/10	7/30/10	EPA 8270C	42.9	ND	ug/kg dry	
Dibenzofuran	"	"	"	EPA 8270C	42.9	ND	"	
4-Nitrophenol	"	"	"	EPA 8270C	42.9	ND	"	
2,4-Dinitrotoluene	"	"	"	EPA 8270C	42.9	ND	"	
Fluorene	"	"	"	EPA 8270C	42.9	ND	"	
Diethyl phthalate	"	"	"	EPA 8270C	42.9	ND	"	
4-Chlorophenyl phenyl ether	"	"	"	EPA 8270C	42.9	ND	"	
4-Nitroaniline	"	"	"	EPA 8270C	42.9	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"	EPA 8270C	42.9	ND	"	
N-Nitrosodiphenylamine	"	"	"	EPA 8270C	42.9	ND	"	
Azobenzene	"	"	"	EPA 8270C	42.9	ND	"	
4-Bromophenyl phenyl ether	"	"	"	EPA 8270C	42.9	ND	"	
Hexachlorobenzene	"	"	"	EPA 8270C	42.9	ND	"	
Pentachlorophenol	"	"	"	EPA 8270C	42.9	ND	"	
Phenanthrene	"	"	"	EPA 8270C	42.9	ND	"	
Anthracene	"	"	"	EPA 8270C	42.9	ND	"	
Carbazole	"	"	"	EPA 8270C	42.9	ND	"	
Di-n-butyl phthalate	"	"	"	EPA 8270C	42.9	ND	"	
Fluoranthene	"	"	"	EPA 8270C	42.9	ND	"	
Pyrene	"	"	"	EPA 8270C	42.9	ND	"	
Benzidine	"	"	"	EPA 8270C	42.9	ND	"	
Butyl benzyl phthalate	"	"	"	EPA 8270C	42.9	**160**	"	
Benzo(a)anthracene	"	"	"	EPA 8270C	42.9	ND	"	
Chrysene	"	"	"	EPA 8270C	42.9	ND	"	
3,3'-Dichlorobenzidine	"	"	"	EPA 8270C	42.9	ND	"	
Bis(2-Ethylhexyl)phthalate	"	"	"	EPA 8270C	42.9	**2760**	"	
Di-n-octyl phthalate	"	"	"	EPA 8270C	42.9	ND	"	
Benzo(b)fluoranthene	"	"	"	EPA 8270C	42.9	ND	"	
Benzo(k)fluoranthene	"	"	"	EPA 8270C	42.9	ND	"	
Benzo(a)pyrene	"	"	"	EPA 8270C	42.9	ND	"	
Indeno(1,2,3-cd)pyrene	"	"	"	EPA 8270C	42.9	ND	"	
Dibenzo(a,h)anthracene	"	"	"	EPA 8270C	42.9	ND	"	
Benzo(g,h,i)perylene	"	"	"	EPA 8270C	42.9	ND	"	
1H-Indene, 2,3-dihydro-1,1,3-trime	"	"	"	EPA 8270C		**202**	"	
2,4-Diphenyl-4-methyl-1(E)-pentene	"	"	"	EPA 8270C		**146**	"	
Erucylamide (01)	"	"	"	EPA 8270C		**205**	"	
Erucylamide (02)	"	"	"	EPA 8270C		**182**	"	
n-Hexadecanoic acid	"	"	"	EPA 8270C		**201**	"	

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Semivolatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 2-4 (continued)			**0072916-16**				**Soil**	
unknown (01)	B031116	7/29/10	7/30/10	EPA 8270C		**2250**	ug/kg dry	
unknown (02)	"	"	"	EPA 8270C		**921**	"	
unknown (03)	"	"	"	EPA 8270C		**244**	"	
unknown (04)	"	"	"	EPA 8270C		**748**	"	
unknown (05)	"	"	"	EPA 8270C		**627**	"	
unknown (06)	"	"	"	EPA 8270C		**149**	"	
unknown (07)	"	"	"	EPA 8270C		**185**	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
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Pesticides Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 0-2			**0072916-01**				**Soil**	
alpha-BHC	B031108	7/29/10	8/3/10	EPA 8081A	6.69	ND	ug/kg dry	
gamma-BHC	"	"	"	EPA 8081A	6.69	ND	"	
beta-BHC	"	"	"	EPA 8081A	6.69	ND	"	
delta-BHC	"	"	"	EPA 8081A	6.69	ND	"	
Heptachlor	"	"	"	EPA 8081A	6.69	ND	"	
Aldrin	"	"	"	EPA 8081A	6.69	ND	"	
Heptachlor Epoxide	"	"	"	EPA 8081A	6.69	ND	"	
gamma-Chlordane	"	"	"	EPA 8081A	6.69	ND	"	
alpha-Chlordane	"	"	"	EPA 8081A	6.69	ND	"	
4,4'-DDE	"	"	"	EPA 8081A	6.69	ND	"	
Endosulfan I	"	"	"	EPA 8081A	6.69	ND	"	
2,4´-DDD	"	"	"	EPA 8081A	6.69	ND	"	
Dieldrin	"	"	"	EPA 8081A	6.69	ND	"	
Endrin	"	"	"	EPA 8081A	6.69	ND	"	
4,4'-DDD	"	"	"	EPA 8081A	6.69	ND	"	
Endosulfan II	"	"	"	EPA 8081A	6.69	ND	"	
4,4'-DDT	"	"	"	EPA 8081A	6.69	ND	"	
Endrin Aldehyde	"	"	"	EPA 8081A	6.69	ND	"	
Methoxychlor	"	"	"	EPA 8081A	6.69	ND	"	
Endosulfan Sulfate	"	"	"	EPA 8081A	6.69	ND	"	
Endrin Ketone	"	"	"	EPA 8081A	6.69	ND	"	
Chlordane	"	"	"	EPA 8081A	20.1	ND	"	
Chlordane [2C]	"	"	"	EPA 8081A	20.1	ND	"	
Toxaphene	"	"	"	EPA 8081A	268	ND	"	
Toxaphene [2C]	"	"	"	EPA 8081A	268	ND	"	
2,4'-DDD [2C]	"	"	"	EPA 8081A	6.69	ND	"	
4,4'-DDD [2C]	"	"	"	EPA 8081A	6.69	ND	"	
4,4'-DDE [2C]	"	"	"	EPA 8081A	6.69	ND	"	
4,4'-DDT [2C]	"	"	"	EPA 8081A	6.69	**37.7**	"	
Aldrin [2C]	"	"	"	EPA 8081A	6.69	ND	"	
alpha-BHC [2C]	"	"	"	EPA 8081A	6.69	ND	"	
alpha-Chlordane [2C]	"	"	"	EPA 8081A	6.69	ND	"	
beta-BHC [2C]	"	"	"	EPA 8081A	6.69	ND	"	
delta-BHC [2C]	"	"	"	EPA 8081A	6.69	ND	"	
Endosulfan II [2C]	"	"	"	EPA 8081A	6.69	ND	"	
Endosulfan I [2C]	"	"	"	EPA 8081A	6.69	ND	"	
Endosulfan Sulfate [2C]	"	"	"	EPA 8081A	6.69	ND	"	
Endrin [2C]	"	"	"	EPA 8081A	6.69	ND	"	

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Pesticides Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 0-2 (continued)			**0072916-01**				**Soil**	
Endrin Aldehyde [2C]	B031108	7/29/10	8/3/10	EPA 8081A	6.69	ND	ug/kg dry	
Endrin Ketone [2C]	"	"	"	EPA 8081A	6.69	ND	"	
gamma-Chlordane [2C]	"	"	"	EPA 8081A	6.69	ND	"	
gamma-BHC [lindane] [2C]	"	"	"	EPA 8081A	6.69	ND	"	
Methoxychlor [2C]	"	"	"	EPA 8081A	6.69	ND	"	
Dieldrin [2C]	"	"	"	EPA 8081A	6.69	ND	"	
Heptachlor Epoxide [2C]	"	"	"	EPA 8081A	6.69	ND	"	
Heptachlor [2C]	"	"	"	EPA 8081A	6.69	ND	"	
Aroclor-1016	"	"	"	EPA 8082	268	ND	"	
Aroclor-1016 [2C]	"	"	"	EPA 8082	268	ND	"	
Aroclor-1260	"	"	"	EPA 8082	268	ND	"	
Aroclor-1260 [2C]	"	"	"	EPA 8082	268	ND	"	
Aroclor 1221	"	"	"	EPA 8082	268	ND	"	
Aroclor 1232	"	"	"	EPA 8082	268	ND	"	
Aroclor 1242	"	"	"	EPA 8082	268	ND	"	
Aroclor 1248	"	"	"	EPA 8082	268	ND	"	
Aroclor 1254	"	"	"	EPA 8082	268	ND	"	

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Pesticides Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 2-4			**0072916-02**				**Soil**	
alpha-BHC	B031108	7/29/10	8/3/10	EPA 8081A	5.29	ND	ug/kg dry	
gamma-BHC	"	"	"	EPA 8081A	5.29	ND	"	
beta-BHC	"	"	"	EPA 8081A	5.29	ND	"	
delta-BHC	"	"	"	EPA 8081A	5.29	ND	"	
Heptachlor	"	"	"	EPA 8081A	5.29	ND	"	
Aldrin	"	"	"	EPA 8081A	5.29	ND	"	
Heptachlor Epoxide	"	"	"	EPA 8081A	5.29	ND	"	
gamma-Chlordane	"	"	"	EPA 8081A	5.29	ND	"	
alpha-Chlordane	"	"	"	EPA 8081A	5.29	ND	"	
4,4'-DDE	"	"	"	EPA 8081A	5.29	ND	"	
Endosulfan I	"	"	"	EPA 8081A	5.29	ND	"	
2,4´-DDD	"	"	"	EPA 8081A	5.29	ND	"	
Dieldrin	"	"	"	EPA 8081A	5.29	ND	"	
Endrin	"	"	"	EPA 8081A	5.29	ND	"	
4,4'-DDD	"	"	"	EPA 8081A	5.29	ND	"	
Endosulfan II	"	"	"	EPA 8081A	5.29	ND	"	
4,4'-DDT	"	"	"	EPA 8081A	5.29	**6.38**	"	
Endrin Aldehyde	"	"	"	EPA 8081A	5.29	ND	"	
Methoxychlor	"	"	"	EPA 8081A	5.29	ND	"	
Endosulfan Sulfate	"	"	"	EPA 8081A	5.29	ND	"	
Endrin Ketone	"	"	"	EPA 8081A	5.29	ND	"	
Chlordane	"	"	"	EPA 8081A	15.9	ND	"	
Chlordane [2C]	"	"	"	EPA 8081A	15.9	ND	"	
Toxaphene	"	"	"	EPA 8081A	211	ND	"	
Toxaphene [2C]	"	"	"	EPA 8081A	211	ND	"	
2,4'-DDD [2C]	"	"	"	EPA 8081A	5.29	ND	"	
4,4'-DDD [2C]	"	"	"	EPA 8081A	5.29	**6.41**	"	
4,4'-DDE [2C]	"	"	"	EPA 8081A	5.29	ND	"	
4,4'-DDT [2C]	"	"	"	EPA 8081A	5.29	**9.81**	"	
Aldrin [2C]	"	"	"	EPA 8081A	5.29	ND	"	
alpha-BHC [2C]	"	"	"	EPA 8081A	5.29	ND	"	
alpha-Chlordane [2C]	"	"	"	EPA 8081A	5.29	ND	"	
beta-BHC [2C]	"	"	"	EPA 8081A	5.29	ND	"	
delta-BHC [2C]	"	"	"	EPA 8081A	5.29	ND	"	
Endosulfan II [2C]	"	"	"	EPA 8081A	5.29	ND	"	
Endosulfan I [2C]	"	"	"	EPA 8081A	5.29	ND	"	
Endosulfan Sulfate [2C]	"	"	"	EPA 8081A	5.29	ND	"	
Endrin [2C]	"	"	"	EPA 8081A	5.29	ND	"	

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Pesticides Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 2-4 (continued)			**0072916-02**				**Soil**	
Endrin Aldehyde [2C]	B031108	7/29/10	8/3/10	EPA 8081A	5.29	ND	ug/kg dry	
Endrin Ketone [2C]	"	"	"	EPA 8081A	5.29	ND	"	
gamma-Chlordane [2C]	"	"	"	EPA 8081A	5.29	ND	"	
gamma-BHC [lindane] [2C]	"	"	"	EPA 8081A	5.29	ND	"	
Methoxychlor [2C]	"	"	"	EPA 8081A	5.29	ND	"	
Dieldrin [2C]	"	"	"	EPA 8081A	5.29	ND	"	
Heptachlor Epoxide [2C]	"	"	"	EPA 8081A	5.29	ND	"	
Heptachlor [2C]	"	"	"	EPA 8081A	5.29	ND	"	
Aroclor-1016	"	"	"	EPA 8082	211	ND	"	
Aroclor-1016 [2C]	"	"	"	EPA 8082	211	ND	"	
Aroclor-1260	"	"	"	EPA 8082	211	ND	"	
Aroclor-1260 [2C]	"	"	"	EPA 8082	211	ND	"	
Aroclor 1221	"	"	"	EPA 8082	211	ND	"	
Aroclor 1232	"	"	"	EPA 8082	211	ND	"	
Aroclor 1242	"	"	"	EPA 8082	211	ND	"	
Aroclor 1248	"	"	"	EPA 8082	211	ND	"	
Aroclor 1254	"	"	"	EPA 8082	211	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Pesticides Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 0-2			**0072916-05**				**Soil**	
alpha-BHC	B031108	7/29/10	8/3/10	EPA 8081A	5.12	ND	ug/kg dry	
gamma-BHC	"	"	"	EPA 8081A	5.12	ND	"	
beta-BHC	"	"	"	EPA 8081A	5.12	ND	"	
delta-BHC	"	"	"	EPA 8081A	5.12	ND	"	
Heptachlor	"	"	"	EPA 8081A	5.12	ND	"	
Aldrin	"	"	"	EPA 8081A	5.12	ND	"	
Heptachlor Epoxide	"	"	"	EPA 8081A	5.12	ND	"	
gamma-Chlordane	"	"	"	EPA 8081A	5.12	ND	"	
alpha-Chlordane	"	"	"	EPA 8081A	5.12	ND	"	
4,4'-DDE	"	"	"	EPA 8081A	5.12	**56.9**	"	
Endosulfan I	"	"	"	EPA 8081A	5.12	ND	"	
2,4´-DDD	"	"	"	EPA 8081A	5.12	**84.7**	"	
Dieldrin	"	"	"	EPA 8081A	5.12	ND	"	
Endrin	"	"	"	EPA 8081A	5.12	ND	"	
4,4'-DDD	"	"	"	EPA 8081A	5.12	**346**	"	
Endosulfan II	"	"	"	EPA 8081A	5.12	ND	"	
4,4'-DDT	"	"	"	EPA 8081A	5.12	**349**	"	
Endrin Aldehyde	"	"	"	EPA 8081A	5.12	ND	"	
Methoxychlor	"	"	"	EPA 8081A	5.12	ND	"	
Endosulfan Sulfate	"	"	"	EPA 8081A	5.12	ND	"	
Endrin Ketone	"	"	"	EPA 8081A	5.12	ND	"	
Chlordane	"	"	"	EPA 8081A	15.3	ND	"	
Chlordane [2C]	"	"	"	EPA 8081A	15.3	ND	"	
Toxaphene	"	"	"	EPA 8081A	205	ND	"	
Toxaphene [2C]	"	"	"	EPA 8081A	205	ND	"	
2,4'-DDD [2C]	"	"	"	EPA 8081A	5.12	**103**	"	
4,4'-DDD [2C]	"	"	"	EPA 8081A	5.12	**362**	"	
4,4'-DDE [2C]	"	"	"	EPA 8081A	5.12	**64.1**	"	
4,4'-DDT [2C]	"	"	"	EPA 8081A	5.12	ND	"	
Aldrin [2C]	"	"	"	EPA 8081A	5.12	ND	"	
alpha-BHC [2C]	"	"	"	EPA 8081A	5.12	ND	"	
alpha-Chlordane [2C]	"	"	"	EPA 8081A	5.12	ND	"	
beta-BHC [2C]	"	"	"	EPA 8081A	5.12	ND	"	
delta-BHC [2C]	"	"	"	EPA 8081A	5.12	ND	"	
Endosulfan II [2C]	"	"	"	EPA 8081A	5.12	ND	"	
Endosulfan I [2C]	"	"	"	EPA 8081A	5.12	ND	"	
Endosulfan Sulfate [2C]	"	"	"	EPA 8081A	5.12	ND	"	
Endrin [2C]	"	"	"	EPA 8081A	5.12	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Pesticides Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 0-2 (continued)			**0072916-05**				**Soil**	
Endrin Aldehyde [2C]	B031108	7/29/10	8/3/10	EPA 8081A	5.12	ND	ug/kg dry	
Endrin Ketone [2C]	"	"	"	EPA 8081A	5.12	ND	"	
gamma-Chlordane [2C]	"	"	"	EPA 8081A	5.12	**5.40**	"	
gamma-BHC [lindane] [2C]	"	"	"	EPA 8081A	5.12	ND	"	
Methoxychlor [2C]	"	"	"	EPA 8081A	5.12	**6.53**	"	
Dieldrin [2C]	"	"	"	EPA 8081A	5.12	ND	"	
Heptachlor Epoxide [2C]	"	"	"	EPA 8081A	5.12	ND	"	
Heptachlor [2C]	"	"	"	EPA 8081A	5.12	ND	"	
Aroclor-1016	"	"	"	EPA 8082	205	ND	"	
Aroclor-1016 [2C]	"	"	"	EPA 8082	205	ND	"	
Aroclor-1260	"	"	"	EPA 8082	205	ND	"	
Aroclor-1260 [2C]	"	"	"	EPA 8082	205	ND	"	
Aroclor 1221	"	"	"	EPA 8082	205	ND	"	
Aroclor 1232	"	"	"	EPA 8082	205	ND	"	
Aroclor 1242	"	"	"	EPA 8082	205	ND	"	
Aroclor 1248	"	"	"	EPA 8082	205	ND	"	
Aroclor 1254	"	"	"	EPA 8082	205	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Pesticides Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 2-4			**0072916-06**				**Soil**	
alpha-BHC	B031108	7/29/10	8/4/10	EPA 8081A	5.38	ND	ug/kg dry	
gamma-BHC	"	"	"	EPA 8081A	5.38	ND	"	
beta-BHC	"	"	"	EPA 8081A	5.38	ND	"	
delta-BHC	"	"	"	EPA 8081A	5.38	ND	"	
Heptachlor	"	"	"	EPA 8081A	5.38	ND	"	
Aldrin	"	"	"	EPA 8081A	5.38	ND	"	
Heptachlor Epoxide	"	"	"	EPA 8081A	5.38	ND	"	
gamma-Chlordane	"	"	"	EPA 8081A	5.38	ND	"	
alpha-Chlordane	"	"	"	EPA 8081A	5.38	ND	"	
4,4'-DDE	"	"	"	EPA 8081A	5.38	**15.6**	"	
Endosulfan I	"	"	"	EPA 8081A	5.38	ND	"	
2,4´-DDD	"	"	"	EPA 8081A	5.38	**16.9**	"	
Dieldrin	"	"	"	EPA 8081A	5.38	ND	"	
Endrin	"	"	"	EPA 8081A	5.38	ND	"	
4,4'-DDD	"	"	"	EPA 8081A	5.38	**68.7**	"	
Endosulfan II	"	"	"	EPA 8081A	5.38	ND	"	
4,4'-DDT	"	"	"	EPA 8081A	5.38	**54.0**	"	
Endrin Aldehyde	"	"	"	EPA 8081A	5.38	ND	"	
Methoxychlor	"	"	"	EPA 8081A	5.38	ND	"	
Endosulfan Sulfate	"	"	"	EPA 8081A	5.38	ND	"	
Endrin Ketone	"	"	"	EPA 8081A	5.38	ND	"	
Chlordane	"	"	"	EPA 8081A	16.1	ND	"	
Chlordane [2C]	"	"	"	EPA 8081A	16.1	ND	"	
Toxaphene	"	"	"	EPA 8081A	215	ND	"	
Toxaphene [2C]	"	"	"	EPA 8081A	215	ND	"	
2,4'-DDD [2C]	"	"	"	EPA 8081A	5.38	**17.1**	"	
4,4'-DDD [2C]	"	"	"	EPA 8081A	5.38	**61.9**	"	
4,4'-DDE [2C]	"	"	"	EPA 8081A	5.38	**14.4**	"	
4,4'-DDT [2C]	"	"	"	EPA 8081A	5.38	**24.5**	"	
Aldrin [2C]	"	"	"	EPA 8081A	5.38	ND	"	
alpha-BHC [2C]	"	"	"	EPA 8081A	5.38	ND	"	
alpha-Chlordane [2C]	"	"	"	EPA 8081A	5.38	ND	"	
beta-BHC [2C]	"	"	"	EPA 8081A	5.38	ND	"	
delta-BHC [2C]	"	"	"	EPA 8081A	5.38	ND	"	
Endosulfan II [2C]	"	"	"	EPA 8081A	5.38	ND	"	
Endosulfan I [2C]	"	"	"	EPA 8081A	5.38	ND	"	
Endosulfan Sulfate [2C]	"	"	"	EPA 8081A	5.38	ND	"	
Endrin [2C]	"	"	"	EPA 8081A	5.38	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Pesticides Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 2-4 (continued)			**0072916-06**				**Soil**	
Endrin Aldehyde [2C]	B031108	7/29/10	8/4/10	EPA 8081A	5.38	ND	ug/kg dry	
Endrin Ketone [2C]	"	"	"	EPA 8081A	5.38	ND	"	
gamma-Chlordane [2C]	"	"	"	EPA 8081A	5.38	ND	"	
gamma-BHC [lindane] [2C]	"	"	"	EPA 8081A	5.38	ND	"	
Methoxychlor [2C]	"	"	"	EPA 8081A	5.38	ND	"	
Dieldrin [2C]	"	"	"	EPA 8081A	5.38	ND	"	
Heptachlor Epoxide [2C]	"	"	"	EPA 8081A	5.38	ND	"	
Heptachlor [2C]	"	"	"	EPA 8081A	5.38	ND	"	
Aroclor-1016	"	"	"	EPA 8082	215	ND	"	
Aroclor-1016 [2C]	"	"	"	EPA 8082	215	ND	"	
Aroclor-1260	"	"	"	EPA 8082	215	ND	"	
Aroclor-1260 [2C]	"	"	"	EPA 8082	215	ND	"	
Aroclor 1221	"	"	"	EPA 8082	215	ND	"	
Aroclor 1232	"	"	"	EPA 8082	215	ND	"	
Aroclor 1242	"	"	"	EPA 8082	215	ND	"	
Aroclor 1248	"	"	"	EPA 8082	215	ND	"	
Aroclor 1254	"	"	"	EPA 8082	215	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Pesticides Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 0-2			**0072916-15**				**Soil**	
alpha-BHC	B031108	7/29/10	8/4/10	EPA 8081A	5.14	ND	ug/kg dry	
gamma-BHC	"	"	"	EPA 8081A	5.14	ND	"	
beta-BHC	"	"	"	EPA 8081A	5.14	ND	"	
delta-BHC	"	"	"	EPA 8081A	5.14	ND	"	
Heptachlor	"	"	"	EPA 8081A	5.14	ND	"	
Aldrin	"	"	"	EPA 8081A	5.14	ND	"	
Heptachlor Epoxide	"	"	"	EPA 8081A	5.14	ND	"	
gamma-Chlordane	"	"	"	EPA 8081A	5.14	**10.7**	"	
alpha-Chlordane	"	"	"	EPA 8081A	5.14	**12.4**	"	
4,4'-DDE	"	"	"	EPA 8081A	5.14	**127**	"	
Endosulfan I	"	"	"	EPA 8081A	5.14	ND	"	
2,4´-DDD	"	"	"	EPA 8081A	5.14	**66.9**	"	
Dieldrin	"	"	"	EPA 8081A	5.14	**10.0**	"	
Endrin	"	"	"	EPA 8081A	5.14	ND	"	
4,4'-DDD	"	"	"	EPA 8081A	5.14	**198**	"	
Endosulfan II	"	"	"	EPA 8081A	5.14	ND	"	
4,4'-DDT	"	"	"	EPA 8081A	5.14	**242**	"	
Endrin Aldehyde	"	"	"	EPA 8081A	5.14	ND	"	
Methoxychlor	"	"	"	EPA 8081A	5.14	**16.7**	"	
Endosulfan Sulfate	"	"	"	EPA 8081A	5.14	ND	"	
Endrin Ketone	"	"	"	EPA 8081A	5.14	ND	"	
Chlordane	"	"	"	EPA 8081A	15.4	**23.2**	"	
Chlordane [2C]	"	"	"	EPA 8081A	15.4	**19.6**	"	
Toxaphene	"	"	"	EPA 8081A	205	ND	"	
Toxaphene [2C]	"	"	"	EPA 8081A	205	ND	"	
2,4'-DDD [2C]	"	"	"	EPA 8081A	5.14	**48.9**	"	
4,4'-DDD [2C]	"	"	"	EPA 8081A	5.14	**172**	"	
4,4'-DDE [2C]	"	"	"	EPA 8081A	5.14	**88.1**	"	
4,4'-DDT [2C]	"	"	"	EPA 8081A	5.14	**177**	"	
Aldrin [2C]	"	"	"	EPA 8081A	5.14	ND	"	
alpha-BHC [2C]	"	"	"	EPA 8081A	5.14	ND	"	
alpha-Chlordane [2C]	"	"	"	EPA 8081A	5.14	**7.31**	"	
beta-BHC [2C]	"	"	"	EPA 8081A	5.14	ND	"	
delta-BHC [2C]	"	"	"	EPA 8081A	5.14	ND	"	
Endosulfan II [2C]	"	"	"	EPA 8081A	5.14	ND	"	
Endosulfan I [2C]	"	"	"	EPA 8081A	5.14	ND	"	
Endosulfan Sulfate [2C]	"	"	"	EPA 8081A	5.14	ND	"	
Endrin [2C]	"	"	"	EPA 8081A	5.14	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Pesticides Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 0-2 (continued)			**0072916-15**				**Soil**	
Endrin Aldehyde [2C]	B031108	7/29/10	8/4/10	EPA 8081A	5.14	ND	ug/kg dry	
Endrin Ketone [2C]	"	"	"	EPA 8081A	5.14	ND	"	
gamma-Chlordane [2C]	"	"	"	EPA 8081A	5.14	**12.3**	"	
gamma-BHC [lindane] [2C]	"	"	"	EPA 8081A	5.14	ND	"	
Methoxychlor [2C]	"	"	"	EPA 8081A	5.14	**8.59**	"	
Dieldrin [2C]	"	"	"	EPA 8081A	5.14	**8.81**	"	
Heptachlor Epoxide [2C]	"	"	"	EPA 8081A	5.14	ND	"	
Heptachlor [2C]	"	"	"	EPA 8081A	5.14	ND	"	
Aroclor-1016	"	"	"	EPA 8082	205	ND	"	
Aroclor-1016 [2C]	"	"	"	EPA 8082	205	ND	"	
Aroclor-1260	"	"	"	EPA 8082	205	ND	"	
Aroclor-1260 [2C]	"	"	"	EPA 8082	205	ND	"	
Aroclor 1221	"	"	"	EPA 8082	205	ND	"	
Aroclor 1232	"	"	"	EPA 8082	205	ND	"	
Aroclor 1242	"	"	"	EPA 8082	205	ND	"	
Aroclor 1248	"	"	"	EPA 8082	205	ND	"	
Aroclor 1254	"	"	"	EPA 8082	205	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Pesticides Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 2-4			**0072916-16**				**Soil**	
alpha-BHC	B031108	7/29/10	8/4/10	EPA 8081A	5.37	ND	ug/kg dry	
gamma-BHC	"	"	"	EPA 8081A	5.37	ND	"	
beta-BHC	"	"	"	EPA 8081A	5.37	ND	"	
delta-BHC	"	"	"	EPA 8081A	5.37	ND	"	
Heptachlor	"	"	"	EPA 8081A	5.37	ND	"	
Aldrin	"	"	"	EPA 8081A	5.37	ND	"	
Heptachlor Epoxide	"	"	"	EPA 8081A	5.37	ND	"	
gamma-Chlordane	"	"	"	EPA 8081A	5.37	ND	"	
alpha-Chlordane	"	"	"	EPA 8081A	5.37	ND	"	
4,4'-DDE	"	"	"	EPA 8081A	5.37	**12.1**	"	
Endosulfan I	"	"	"	EPA 8081A	5.37	ND	"	
2,4´-DDD	"	"	"	EPA 8081A	5.37	**9.51**	"	
Dieldrin	"	"	"	EPA 8081A	5.37	ND	"	
Endrin	"	"	"	EPA 8081A	5.37	ND	"	
4,4'-DDD	"	"	"	EPA 8081A	5.37	**39.1**	"	
Endosulfan II	"	"	"	EPA 8081A	5.37	ND	"	
4,4'-DDT	"	"	"	EPA 8081A	5.37	**32.1**	"	
Endrin Aldehyde	"	"	"	EPA 8081A	5.37	ND	"	
Methoxychlor	"	"	"	EPA 8081A	5.37	ND	"	
Endosulfan Sulfate	"	"	"	EPA 8081A	5.37	ND	"	
Endrin Ketone	"	"	"	EPA 8081A	5.37	ND	"	
Chlordane	"	"	"	EPA 8081A	16.1	ND	"	
Chlordane [2C]	"	"	"	EPA 8081A	16.1	ND	"	
Toxaphene	"	"	"	EPA 8081A	215	ND	"	
Toxaphene [2C]	"	"	"	EPA 8081A	215	ND	"	
2,4'-DDD [2C]	"	"	"	EPA 8081A	5.37	**11.0**	"	
4,4'-DDD [2C]	"	"	"	EPA 8081A	5.37	**44.3**	"	
4,4'-DDE [2C]	"	"	"	EPA 8081A	5.37	**13.6**	"	
4,4'-DDT [2C]	"	"	"	EPA 8081A	5.37	**7.56**	"	
Aldrin [2C]	"	"	"	EPA 8081A	5.37	ND	"	
alpha-BHC [2C]	"	"	"	EPA 8081A	5.37	ND	"	
alpha-Chlordane [2C]	"	"	"	EPA 8081A	5.37	ND	"	
beta-BHC [2C]	"	"	"	EPA 8081A	5.37	ND	"	
delta-BHC [2C]	"	"	"	EPA 8081A	5.37	ND	"	
Endosulfan II [2C]	"	"	"	EPA 8081A	5.37	ND	"	
Endosulfan I [2C]	"	"	"	EPA 8081A	5.37	ND	"	
Endosulfan Sulfate [2C]	"	"	"	EPA 8081A	5.37	ND	"	
Endrin [2C]	"	"	"	EPA 8081A	5.37	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Pesticides Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 2-4 (continued)			**0072916-16**				**Soil**	
Endrin Aldehyde [2C]	B031108	7/29/10	8/4/10	EPA 8081A	5.37	ND	ug/kg dry	
Endrin Ketone [2C]	"	"	"	EPA 8081A	5.37	ND	"	
gamma-Chlordane [2C]	"	"	"	EPA 8081A	5.37	ND	"	
gamma-BHC [lindane] [2C]	"	"	"	EPA 8081A	5.37	ND	"	
Methoxychlor [2C]	"	"	"	EPA 8081A	5.37	ND	"	
Dieldrin [2C]	"	"	"	EPA 8081A	5.37	**6.50**	"	
Heptachlor Epoxide [2C]	"	"	"	EPA 8081A	5.37	ND	"	
Heptachlor [2C]	"	"	"	EPA 8081A	5.37	ND	"	
Aroclor-1016	"	"	"	EPA 8082	215	ND	"	
Aroclor-1016 [2C]	"	"	"	EPA 8082	215	ND	"	
Aroclor-1260	"	"	"	EPA 8082	215	ND	"	
Aroclor-1260 [2C]	"	"	"	EPA 8082	215	ND	"	
Aroclor 1221	"	"	"	EPA 8082	215	ND	"	
Aroclor 1232	"	"	"	EPA 8082	215	ND	"	
Aroclor 1242	"	"	"	EPA 8082	215	ND	"	
Aroclor 1248	"	"	"	EPA 8082	215	ND	"	
Aroclor 1254	"	"	"	EPA 8082	215	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Total Metals Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 0-2			**0072916-01**				**Soil**	
Aluminum	B031131	7/30/10	7/30/10	EPA 6010B	210	**2150**	mg/kg dry	4.F
Antimony	"	"	"	EPA 6010B	2.10	ND	"	4.G
Arsenic	"	"	"	EPA 6010B	2.10	ND	"	
Barium	"	"	"	EPA 6010B	4.24	**14.3**	"	4.H
Beryllium	"	"	"	EPA 6010B	2.10	ND	"	
Cadmium	"	"	"	EPA 6010B	1.27	ND	"	
Calcium	"	"	"	EPA 6010B	1050	**5350**	"	4.F
Chromium	"	"	"	EPA 6010B	2.10	**5.07**	"	
Cobalt	"	"	"	EPA 6010B	2.10	ND	"	
Copper	"	"	"	EPA 6010B	2.10	**3.25**	"	
Iron	"	"	"	EPA 6010B	210	**3300**	"	4.C, 4.F
Lead	"	"	"	EPA 6010B	2.10	**8.74**	"	
Magnesium	"	"	"	EPA 6010B	2.10	**682**	"	
Manganese	"	"	"	EPA 6010B	10.5	**30.8**	"	
Nickel	"	"	"	EPA 6010B	2.10	**2.18**	"	
Potassium	"	"	"	EPA 6010B	2.10	**372**	"	
Selenium	"	"	"	EPA 6010B	2.10	ND	"	
Silver	"	"	"	EPA 6010B	2.10	ND	"	
Sodium	"	"	"	EPA 6010B	10.5	**52.9**	"	
Thallium	"	"	"	EPA 6010B	2.10	ND	"	
Vanadium	"	"	"	EPA 6010B	2.10	**6.85**	"	
Zinc	"	"	"	EPA 6010B	2.10	**17.9**	"	
Mercury	B031135	"	8/2/10	EPA 7471A	0.03	**0.04**	"	
Cyanide	B032060	8/4/10	8/4/10	EPA 9014	0.13	ND	"	
SB-19 2-4			**0072916-02**				**Soil**	
Aluminum	B031131	7/30/10	7/30/10	EPA 6010B	157	**1410**	mg/kg dry	4.F
Antimony	"	"	"	EPA 6010B	1.65	ND	"	4.G
Arsenic	"	"	"	EPA 6010B	1.65	ND	"	
Barium	"	"	"	EPA 6010B	3.33	**6.35**	"	4.H
Beryllium	"	"	"	EPA 6010B	1.65	ND	"	
Cadmium	"	"	"	EPA 6010B	1.00	ND	"	
Calcium	"	"	"	EPA 6010B	8.25	**1030**	"	4.F
Chromium	"	"	"	EPA 6010B	1.65	**3.57**	"	
Cobalt	"	"	"	EPA 6010B	1.65	ND	"	
Copper	"	"	"	EPA 6010B	1.65	**1.96**	"	
Iron	"	"	"	EPA 6010B	157	**2570**	"	4.F, 4.C
Lead	"	"	"	EPA 6010B	1.65	**4.88**	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Total Metals Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-19 2-4 (continued)			**0072916-02**				**Soil**	
Magnesium	B031131	7/30/10	7/30/10	EPA 6010B	1.65	**359**	mg/kg dry	
Manganese	"	"	"	EPA 6010B	8.25	**17.9**	"	
Nickel	"	"	"	EPA 6010B	1.65	ND	"	
Potassium	"	"	"	EPA 6010B	1.65	**240**	"	
Selenium	"	"	"	EPA 6010B	1.65	ND	"	
Silver	"	"	"	EPA 6010B	1.65	ND	"	
Sodium	"	"	"	EPA 6010B	7.83	**27.0**	"	
Thallium	"	"	"	EPA 6010B	1.65	ND	"	
Vanadium	"	"	"	EPA 6010B	1.65	**4.67**	"	
Zinc	"	"	"	EPA 6010B	1.65	**7.46**	"	
Mercury	B031135	"	8/9/10	EPA 7471A	0.02	ND	"	
Cyanide	B032060	8/4/10	8/4/10	EPA 9014	0.11	ND	"	
SB-21 0-2			**0072916-05**				**Soil**	
Aluminum	B031131	7/30/10	7/30/10	EPA 6010B	162	**1640**	mg/kg dry	4.F
Antimony	"	"	"	EPA 6010B	1.65	ND	"	4.G
Arsenic	"	"	"	EPA 6010B	1.65	ND	"	
Barium	"	"	"	EPA 6010B	3.33	**10.9**	"	4.H
Beryllium	"	"	"	EPA 6010B	1.65	ND	"	
Cadmium	"	"	"	EPA 6010B	1.00	ND	"	
Calcium	"	"	"	EPA 6010B	812	**4570**	"	4.F
Chromium	"	"	"	EPA 6010B	1.65	**3.51**	"	
Cobalt	"	"	"	EPA 6010B	1.65	ND	"	
Copper	"	"	"	EPA 6010B	1.65	**2.79**	"	
Iron	"	"	"	EPA 6010B	162	**2660**	"	4.C, 4.F
Lead	"	"	"	EPA 6010B	1.65	**5.59**	"	
Magnesium	"	"	"	EPA 6010B	1.65	**453**	"	
Manganese	"	"	"	EPA 6010B	8.25	**22.5**	"	
Nickel	"	"	"	EPA 6010B	1.65	**1.80**	"	
Potassium	"	"	"	EPA 6010B	1.65	**281**	"	
Selenium	"	"	"	EPA 6010B	1.65	ND	"	
Silver	"	"	"	EPA 6010B	1.65	ND	"	
Sodium	"	"	"	EPA 6010B	8.12	**64.0**	"	
Thallium	"	"	"	EPA 6010B	1.65	ND	"	
Vanadium	"	"	"	EPA 6010B	1.65	**4.84**	"	
Zinc	"	"	"	EPA 6010B	1.65	**28.3**	"	
Mercury	B031135	"	8/2/10	EPA 7471A	0.02	**0.02**	"	
Cyanide	B032060	8/4/10	8/4/10	EPA 9014	0.10	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Total Metals Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-21 2-4			**0072916-06**				**Soil**	
Aluminum	B031131	7/30/10	7/30/10	EPA 6010B	170	**1440**	mg/kg dry	4.F
Antimony	"	"	"	EPA 6010B	1.70	ND	"	4.G
Arsenic	"	"	"	EPA 6010B	1.70	ND	"	
Barium	"	"	"	EPA 6010B	3.43	**5.85**	"	4.H
Beryllium	"	"	"	EPA 6010B	1.70	ND	"	
Cadmium	"	"	"	EPA 6010B	1.03	ND	"	
Calcium	"	"	"	EPA 6010B	8.50	**1020**	"	4.F
Chromium	"	"	"	EPA 6010B	1.70	**3.59**	"	
Cobalt	"	"	"	EPA 6010B	1.70	ND	"	
Copper	"	"	"	EPA 6010B	1.70	ND	"	
Iron	"	"	"	EPA 6010B	170	**2360**	"	4.C, 4.F
Lead	"	"	"	EPA 6010B	1.70	**3.00**	"	
Magnesium	"	"	"	EPA 6010B	1.70	**376**	"	
Manganese	"	"	"	EPA 6010B	8.50	**16.2**	"	
Nickel	"	"	"	EPA 6010B	1.70	ND	"	
Potassium	"	"	"	EPA 6010B	1.70	**255**	"	
Selenium	"	"	"	EPA 6010B	1.70	ND	"	
Silver	"	"	"	EPA 6010B	1.70	ND	"	
Sodium	"	"	"	EPA 6010B	8.50	**33.0**	"	
Thallium	"	"	"	EPA 6010B	1.70	ND	"	
Vanadium	"	"	"	EPA 6010B	1.70	**5.03**	"	
Zinc	"	"	"	EPA 6010B	1.70	**13.4**	"	
Mercury	B031135	"	8/2/10	EPA 7471A	0.02	**0.02**	"	
Cyanide	B032060	8/4/10	8/4/10	EPA 9014	0.11	ND	"	
SB-26 0-2			**0072916-15**				**Soil**	
Aluminum	B031131	7/30/10	7/30/10	EPA 6010B	163	**2120**	mg/kg dry	4.F
Antimony	"	"	"	EPA 6010B	1.65	ND	"	4.G
Arsenic	"	"	"	EPA 6010B	1.65	ND	"	
Barium	"	"	"	EPA 6010B	3.33	**18.7**	"	4.H
Beryllium	"	"	"	EPA 6010B	1.65	ND	"	
Cadmium	"	"	"	EPA 6010B	1.00	ND	"	
Calcium	"	"	"	EPA 6010B	817	**10600**	"	4.F
Chromium	"	"	"	EPA 6010B	1.65	**4.51**	"	
Cobalt	"	"	"	EPA 6010B	1.65	ND	"	
Copper	"	"	"	EPA 6010B	1.65	**8.35**	"	
Iron	"	"	"	EPA 6010B	163	**3850**	"	4.C, 4.F
Lead	"	"	"	EPA 6010B	1.65	**12.7**	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/22/10
53 West Hills Road	Project Number:	Fashion Cleaners-641 East Park Avenue	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Scott Yanuck	Reported:	8/13/10 16:50

Total Metals Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
SB-26 0-2 (continued)			**0072916-15**				**Soil**	
Magnesium	B031131	7/30/10	7/30/10	EPA 6010B	1.65	**723**	mg/kg dry	
Manganese	"	"	"	EPA 6010B	8.25	**32.5**	"	
Nickel	"	"	"	EPA 6010B	1.65	**2.48**	"	
Potassium	"	"	"	EPA 6010B	1.65	**406**	"	
Selenium	"	"	"	EPA 6010B	1.65	ND	"	
Silver	"	"	"	EPA 6010B	1.65	ND	"	
Sodium	"	"	"	EPA 6010B	8.17	**94.4**	"	
Thallium	"	"	"	EPA 6010B	1.65	ND	"	
Vanadium	"	"	"	EPA 6010B	1.65	**5.37**	"	
Zinc	"	"	"	EPA 6010B	1.65	**26.4**	"	
Mercury	B031135	"	8/2/10	EPA 7471A	0.02	**0.03**	"	
Cyanide	B032060	8/4/10	8/4/10	EPA 9014	0.10	ND	"	
SB-26 2-4			**0072916-16**				**Soil**	
Aluminum	B031131	7/30/10	7/30/10	EPA 6010B	163	**1750**	mg/kg dry	4.F
Antimony	"	"	"	EPA 6010B	1.65	ND	"	4.G
Arsenic	"	"	"	EPA 6010B	1.65	ND	"	
Barium	"	"	"	EPA 6010B	3.33	**8.28**	"	4.H
Beryllium	"	"	"	EPA 6010B	1.65	ND	"	
Cadmium	"	"	"	EPA 6010B	1.00	ND	"	
Calcium	"	"	"	EPA 6010B	8.25	**1230**	"	4.F
Chromium	"	"	"	EPA 6010B	1.65	**5.39**	"	
Cobalt	"	"	"	EPA 6010B	1.65	ND	"	
Copper	"	"	"	EPA 6010B	1.65	**2.52**	"	
Iron	"	"	"	EPA 6010B	163	**3090**	"	4.C, 4.F
Lead	"	"	"	EPA 6010B	1.65	**2.71**	"	
Magnesium	"	"	"	EPA 6010B	1.65	**485**	"	
Manganese	"	"	"	EPA 6010B	8.25	**19.0**	"	
Nickel	"	"	"	EPA 6010B	1.65	**2.15**	"	
Potassium	"	"	"	EPA 6010B	1.65	**319**	"	
Selenium	"	"	"	EPA 6010B	1.65	ND	"	
Silver	"	"	"	EPA 6010B	1.65	ND	"	
Sodium	"	"	"	EPA 6010B	8.17	**30.9**	"	
Thallium	"	"	"	EPA 6010B	1.65	ND	"	
Vanadium	"	"	"	EPA 6010B	1.65	**6.25**	"	
Zinc	"	"	"	EPA 6010B	1.65	**8.72**	"	
Mercury	B031135	"	8/2/10	EPA 7471A	0.02	ND	"	
Cyanide	B032060	8/4/10	8/4/10	EPA 9014	0.11	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
30-34			**0072921-01**				**Non-Potable W**	
Dichlorodifluoromethane	B031162	8/2/10	8/2/10	EPA 8260B	100	ND	ug/L	3.B
Chlorodifluoromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chloromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Vinyl chloride	"	"	"	EPA 8260B	100	ND	"	3.B
Bromomethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Trichlorofluoromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Acetone	"	"	"	EPA 8260B	1000	ND	"	3.B
1,1-Dichloroethylene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Methylene Chloride	"	"	"	EPA 8260B	100	ND	"	3.B
Carbon disulfide	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	100	ND	"	3.B
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1-Dichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Vinyl acetate	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	200	ND	"	3.B
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	100	**120**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
Bromochloromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chloroform	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,1-Trichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
1,2-Dichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
1,1-Dichloropropylene	"	"	"	EPA 8260B	100	ND	"	3.B
Carbon Tetrachloride	"	"	"	EPA 8260B	100	ND	"	3.B
Benzene	"	"	"	EPA 8260B	14.0	ND	"	3.B
Trichloroethylene	"	"	"	EPA 8260B	100	**474**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
Dibromomethane	"	"	"	EPA 8260B	100	ND	"	3.B
Bromodichloromethane	"	"	"	EPA 8260B	100	ND	"	3.B
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	200	ND	"	3.B
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	100	ND	"	3.B
Toluene	"	"	"	EPA 8260B	100	ND	"	3.B
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,2-Trichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	100	ND	"	3.B
1,3-Dichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
30-34 (continued)			**0072921-01**				**Non-Potable W**	
Dibromochloromethane	B031162	8/2/10	8/2/10	EPA 8260B	100	ND	ug/L	3.B
Tetrachloroethylene	"	"	"	EPA 8260B	100	**6160**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Ethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
m,p-Xylenes	"	"	"	EPA 8260B	200	ND	"	3.B
Styrene	"	"	"	EPA 8260B	100	ND	"	3.B
o-Xylene	"	"	"	EPA 8260B	100	ND	"	3.B
Bromoform	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,3-Trichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
Bromobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
n-Propylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
2-Chlorotoluene	"	"	"	EPA 8260B	100	ND	"	3.B
4-Ethyltoluene	"	"	"	EPA 8260B	100	ND	"	3.B
4-Chlorotoluene	"	"	"	EPA 8260B	100	ND	"	3.B
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
tert-Butylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
sec-Butylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,3-Dichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
4-Isopropyltoluene	"	"	"	EPA 8260B	100	ND	"	3.B
1,4-Dichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2-Dichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,4-Diethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
n-Butylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
Naphthalene	"	"	"	EPA 8260B	100	ND	"	3.B
Hexachlorobutadiene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
Acrylonitrile	"	"	"	EPA 8260B	100	ND	"	3.B
1,4-Dioxane	"	"	"	EPA 8260B	100	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
40-44			**0072921-02**				**Non-Potable W**	
Dichlorodifluoromethane	B031162	8/2/10	8/2/10	EPA 8260B	100	ND	ug/L	3.B
Chlorodifluoromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chloromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Vinyl chloride	"	"	"	EPA 8260B	100	ND	"	3.B
Bromomethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Trichlorofluoromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Acetone	"	"	"	EPA 8260B	1000	ND	"	3.B
1,1-Dichloroethylene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Methylene Chloride	"	"	"	EPA 8260B	100	ND	"	3.B
Carbon disulfide	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	100	ND	"	3.B
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1-Dichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Vinyl acetate	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	200	ND	"	3.B
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	100	**425**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
Bromochloromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chloroform	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,1-Trichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
1,2-Dichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
1,1-Dichloropropylene	"	"	"	EPA 8260B	100	ND	"	3.B
Carbon Tetrachloride	"	"	"	EPA 8260B	100	ND	"	3.B
Benzene	"	"	"	EPA 8260B	14.0	ND	"	3.B
Trichloroethylene	"	"	"	EPA 8260B	100	**267**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
Dibromomethane	"	"	"	EPA 8260B	100	ND	"	3.B
Bromodichloromethane	"	"	"	EPA 8260B	100	ND	"	3.B
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	200	ND	"	3.B
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	100	ND	"	3.B
Toluene	"	"	"	EPA 8260B	100	ND	"	3.B
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,2-Trichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	100	ND	"	3.B
1,3-Dichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
40-44 (continued)			**0072921-02**				**Non-Potable W**	
Dibromochloromethane	B031162	8/2/10	8/2/10	EPA 8260B	100	ND	ug/L	3.B
Tetrachloroethylene	"	"	"	EPA 8260B	100	**1110**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Ethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
m,p-Xylenes	"	"	"	EPA 8260B	200	ND	"	3.B
Styrene	"	"	"	EPA 8260B	100	ND	"	3.B
o-Xylene	"	"	"	EPA 8260B	100	ND	"	3.B
Bromoform	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,3-Trichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
Bromobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
n-Propylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
2-Chlorotoluene	"	"	"	EPA 8260B	100	ND	"	3.B
4-Ethyltoluene	"	"	"	EPA 8260B	100	ND	"	3.B
4-Chlorotoluene	"	"	"	EPA 8260B	100	ND	"	3.B
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
tert-Butylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
sec-Butylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,3-Dichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
4-Isopropyltoluene	"	"	"	EPA 8260B	100	ND	"	3.B
1,4-Dichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2-Dichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,4-Diethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
n-Butylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
Naphthalene	"	"	"	EPA 8260B	100	ND	"	3.B
Hexachlorobutadiene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
Acrylonitrile	"	"	"	EPA 8260B	100	ND	"	3.B
1,4-Dioxane	"	"	"	EPA 8260B	100	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
50-54			**0072921-03**				**Non-Potable W**	
Dichlorodifluoromethane	B031162	8/2/10	8/2/10	EPA 8260B	250	ND	ug/L	3.B
Chlorodifluoromethane	"	"	"	EPA 8260B	250	ND	"	3.B
Chloromethane	"	"	"	EPA 8260B	250	ND	"	3.B
Vinyl chloride	"	"	"	EPA 8260B	250	ND	"	3.B
Bromomethane	"	"	"	EPA 8260B	250	ND	"	3.B
Chloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
Trichlorofluoromethane	"	"	"	EPA 8260B	250	ND	"	3.B
Acetone	"	"	"	EPA 8260B	2500	ND	"	3.B
1,1-Dichloroethylene	"	"	"	EPA 8260B	250	ND	"	3.B
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	250	ND	"	3.B
Methylene Chloride	"	"	"	EPA 8260B	250	ND	"	3.B
Carbon disulfide	"	"	"	EPA 8260B	250	ND	"	3.B
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	250	ND	"	3.B
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	250	ND	"	3.B
1,1-Dichloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
Vinyl acetate	"	"	"	EPA 8260B	250	ND	"	3.B
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	500	ND	"	3.B
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	250	ND	"	3.B
2,2-Dichloropropane	"	"	"	EPA 8260B	250	ND	"	3.B
Bromochloromethane	"	"	"	EPA 8260B	250	ND	"	3.B
Chloroform	"	"	"	EPA 8260B	250	ND	"	3.B
1,1,1-Trichloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
1,2-Dichloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
1,1-Dichloropropylene	"	"	"	EPA 8260B	250	ND	"	3.B
Carbon Tetrachloride	"	"	"	EPA 8260B	250	ND	"	3.B
Benzene	"	"	"	EPA 8260B	35.0	ND	"	3.B
Trichloroethylene	"	"	"	EPA 8260B	250	**926**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	250	ND	"	3.B
Dibromomethane	"	"	"	EPA 8260B	250	ND	"	3.B
Bromodichloromethane	"	"	"	EPA 8260B	250	ND	"	3.B
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	250	ND	"	3.B
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	500	ND	"	3.B
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	250	ND	"	3.B
Toluene	"	"	"	EPA 8260B	250	ND	"	3.B
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	250	ND	"	3.B
1,1,2-Trichloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	250	ND	"	3.B
1,3-Dichloropropane	"	"	"	EPA 8260B	250	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
50-54 (continued)			**0072921-03**				**Non-Potable W**	
Dibromochloromethane	B031162	8/2/10	8/2/10	EPA 8260B	250	ND	ug/L	3.B
Tetrachloroethylene	"	"	"	EPA 8260B	250	**14100**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	250	ND	"	3.B
Chlorobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
Ethylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
m,p-Xylenes	"	"	"	EPA 8260B	500	ND	"	3.B
Styrene	"	"	"	EPA 8260B	250	ND	"	3.B
o-Xylene	"	"	"	EPA 8260B	250	ND	"	3.B
Bromoform	"	"	"	EPA 8260B	250	ND	"	3.B
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	250	ND	"	3.B
1,2,3-Trichloropropane	"	"	"	EPA 8260B	250	ND	"	3.B
Bromobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
n-Propylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
2-Chlorotoluene	"	"	"	EPA 8260B	250	ND	"	3.B
4-Ethyltoluene	"	"	"	EPA 8260B	250	ND	"	3.B
4-Chlorotoluene	"	"	"	EPA 8260B	250	ND	"	3.B
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
tert-Butylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
sec-Butylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,3-Dichlorobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
4-Isopropyltoluene	"	"	"	EPA 8260B	250	ND	"	3.B
1,4-Dichlorobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,2-Dichlorobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,4-Diethylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
n-Butylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	250	ND	"	3.B
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
Naphthalene	"	"	"	EPA 8260B	250	ND	"	3.B
Hexachlorobutadiene	"	"	"	EPA 8260B	250	ND	"	3.B
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
Acrylonitrile	"	"	"	EPA 8260B	250	ND	"	3.B
1,4-Dioxane	"	"	"	EPA 8260B	250	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
50-54 MS			**0072921-04**				**Non-Potable W**	
Dichlorodifluoromethane	B031162	8/2/10	8/2/10	EPA 8260B	250	**870**	ug/L	
Chlorodifluoromethane	"	"	"	EPA 8260B	250	**877**	"	
Chloromethane	"	"	"	EPA 8260B	250	**928**	"	
Vinyl chloride	"	"	"	EPA 8260B	250	**926**	"	
Bromomethane	"	"	"	EPA 8260B	250	**958**	"	
Chloroethane	"	"	"	EPA 8260B	250	**977**	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	250	**945**	"	
Acetone	"	"	"	EPA 8260B	2500	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	250	**1060**	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	250	**1000**	"	
Methylene Chloride	"	"	"	EPA 8260B	250	**922**	"	
Carbon disulfide	"	"	"	EPA 8260B	250	**1090**	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	250	**1120**	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	250	**1080**	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	250	**1060**	"	
Vinyl acetate	"	"	"	EPA 8260B	250	**952**	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	500	**1090**	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	250	**1270**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	250	**1150**	"	
Bromochloromethane	"	"	"	EPA 8260B	250	**896**	"	
Chloroform	"	"	"	EPA 8260B	250	**1080**	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	250	**1120**	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	250	**1110**	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	250	**1090**	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	250	**989**	"	
Benzene	"	"	"	EPA 8260B	35.0	**1100**	"	
Trichloroethylene	"	"	"	EPA 8260B	250	**1900**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	250	**1070**	"	
Dibromomethane	"	"	"	EPA 8260B	250	**1130**	"	
Bromodichloromethane	"	"	"	EPA 8260B	250	**1100**	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	250	**1100**	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	500	**1070**	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	250	**1110**	"	
Toluene	"	"	"	EPA 8260B	250	**1080**	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	250	**1110**	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	250	**1130**	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	250	**1130**	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	250	**1130**	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
50-54 MS (continued)			**0072921-04**				**Non-Potable W**	
Dibromochloromethane	B031162	8/2/10	8/2/10	EPA 8260B	250	**950**	ug/L	
Tetrachloroethylene	"	"	"	EPA 8260B	250	**15100**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	250	**1040**	"	
Chlorobenzene	"	"	"	EPA 8260B	250	**1050**	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	250	**1020**	"	
Ethylbenzene	"	"	"	EPA 8260B	250	**1120**	"	
m,p-Xylenes	"	"	"	EPA 8260B	500	**2260**	"	
Styrene	"	"	"	EPA 8260B	250	**1130**	"	
o-Xylene	"	"	"	EPA 8260B	250	**1140**	"	
Bromoform	"	"	"	EPA 8260B	250	**1120**	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	250	**1120**	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	250	**1030**	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	250	**1140**	"	
Bromobenzene	"	"	"	EPA 8260B	250	**1140**	"	
n-Propylbenzene	"	"	"	EPA 8260B	250	**1030**	"	
2-Chlorotoluene	"	"	"	EPA 8260B	250	**1080**	"	
4-Ethyltoluene	"	"	"	EPA 8260B	250	**1030**	"	
4-Chlorotoluene	"	"	"	EPA 8260B	250	**1090**	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	250	**1020**	"	
tert-Butylbenzene	"	"	"	EPA 8260B	250	**911**	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	250	**1010**	"	
sec-Butylbenzene	"	"	"	EPA 8260B	250	**926**	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	250	**913**	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	250	**877**	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	250	**924**	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	250	**906**	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	250	**877**	"	
n-Butylbenzene	"	"	"	EPA 8260B	250	**975**	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	250	**1120**	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	250	**969**	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	250	**906**	"	
Naphthalene	"	"	"	EPA 8260B	250	**1120**	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	250	**1050**	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	250	**1020**	"	
Acrylonitrile	"	"	"	EPA 8260B	250	**1110**	"	
1,4-Dioxane	"	"	"	EPA 8260B	250	**1080**	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
50-54 MSD			**0072921-05**				**Non-Potable W**	
Dichlorodifluoromethane	B031162	8/2/10	8/2/10	EPA 8260B	250	**867**	ug/L	
Chlorodifluoromethane	"	"	"	EPA 8260B	250	**908**	"	
Chloromethane	"	"	"	EPA 8260B	250	**964**	"	
Vinyl chloride	"	"	"	EPA 8260B	250	**1020**	"	
Bromomethane	"	"	"	EPA 8260B	250	**980**	"	
Chloroethane	"	"	"	EPA 8260B	250	**1070**	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	250	**976**	"	
Acetone	"	"	"	EPA 8260B	2500	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	250	**1110**	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	250	**1030**	"	
Methylene Chloride	"	"	"	EPA 8260B	250	**977**	"	
Carbon disulfide	"	"	"	EPA 8260B	250	**1070**	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	250	**1120**	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	250	**1090**	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	250	**1130**	"	
Vinyl acetate	"	"	"	EPA 8260B	250	**1040**	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	500	**1080**	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	250	**1280**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	250	**1120**	"	
Bromochloromethane	"	"	"	EPA 8260B	250	**1010**	"	
Chloroform	"	"	"	EPA 8260B	250	**1130**	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	250	**1100**	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	250	**1080**	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	250	**1110**	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	250	**1080**	"	
Benzene	"	"	"	EPA 8260B	35.0	**1150**	"	
Trichloroethylene	"	"	"	EPA 8260B	250	**1920**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	250	**1020**	"	
Dibromomethane	"	"	"	EPA 8260B	250	**1120**	"	
Bromodichloromethane	"	"	"	EPA 8260B	250	**1120**	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	250	**1120**	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	500	**1130**	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	250	**1100**	"	
Toluene	"	"	"	EPA 8260B	250	**1110**	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	250	**1130**	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	250	**1120**	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	250	**1140**	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	250	**1130**	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
50-54 MSD (continued)			**0072921-05**				**Non-Potable W**	
Dibromochloromethane	B031162	8/2/10	8/2/10	EPA 8260B	250	**992**	ug/L	
Tetrachloroethylene	"	"	"	EPA 8260B	250	**15000**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	250	**1040**	"	
Chlorobenzene	"	"	"	EPA 8260B	250	**1080**	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	250	**1000**	"	
Ethylbenzene	"	"	"	EPA 8260B	250	**1130**	"	
m,p-Xylenes	"	"	"	EPA 8260B	500	**2240**	"	
Styrene	"	"	"	EPA 8260B	250	**1110**	"	
o-Xylene	"	"	"	EPA 8260B	250	**1140**	"	
Bromoform	"	"	"	EPA 8260B	250	**1120**	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	250	**1120**	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	250	**1030**	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	250	**1120**	"	
Bromobenzene	"	"	"	EPA 8260B	250	**1130**	"	
n-Propylbenzene	"	"	"	EPA 8260B	250	**1070**	"	
2-Chlorotoluene	"	"	"	EPA 8260B	250	**1090**	"	
4-Ethyltoluene	"	"	"	EPA 8260B	250	**1070**	"	
4-Chlorotoluene	"	"	"	EPA 8260B	250	**1130**	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	250	**1020**	"	
tert-Butylbenzene	"	"	"	EPA 8260B	250	**922**	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	250	**1040**	"	
sec-Butylbenzene	"	"	"	EPA 8260B	250	**930**	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	250	**924**	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	250	**898**	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	250	**944**	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	250	**920**	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	250	**914**	"	
n-Butylbenzene	"	"	"	EPA 8260B	250	**988**	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	250	**1150**	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	250	**977**	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	250	**877**	"	
Naphthalene	"	"	"	EPA 8260B	250	**1120**	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	250	**1070**	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	250	**1050**	"	
Acrylonitrile	"	"	"	EPA 8260B	250	**1040**	"	
1,4-Dioxane	"	"	"	EPA 8260B	250	**1000**	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
60-64			**0072921-06**				**Non-Potable W**	
Dichlorodifluoromethane	B031162	8/2/10	8/3/10	EPA 8260B	25.0	ND	ug/L	3.B
Chlorodifluoromethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Chloromethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Vinyl chloride	"	"	"	EPA 8260B	25.0	ND	"	3.B
Bromomethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Chloroethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Trichlorofluoromethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Acetone	"	"	"	EPA 8260B	250	ND	"	3.B
1,1-Dichloroethylene	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Methylene Chloride	"	"	"	EPA 8260B	25.0	ND	"	3.B
Carbon disulfide	"	"	"	EPA 8260B	25.0	ND	"	3.B
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	25.0	ND	"	3.B
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,1-Dichloroethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Vinyl acetate	"	"	"	EPA 8260B	25.0	ND	"	3.B
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	50.0	ND	"	3.B
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	25.0	**44.4**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Bromochloromethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Chloroform	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,1,1-Trichloroethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,2-Dichloroethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,1-Dichloropropylene	"	"	"	EPA 8260B	25.0	ND	"	3.B
Carbon Tetrachloride	"	"	"	EPA 8260B	25.0	ND	"	3.B
Benzene	"	"	"	EPA 8260B	3.50	ND	"	3.B
Trichloroethylene	"	"	"	EPA 8260B	25.0	**59.8**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Dibromomethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Bromodichloromethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	25.0	ND	"	3.B
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	50.0	ND	"	3.B
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	25.0	ND	"	3.B
Toluene	"	"	"	EPA 8260B	25.0	ND	"	3.B
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,1,2-Trichloroethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,3-Dichloropropane	"	"	"	EPA 8260B	25.0	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
60-64 (continued)			**0072921-06**				**Non-Potable W**	
Dibromochloromethane	B031162	8/2/10	8/3/10	EPA 8260B	25.0	ND	ug/L	3.B
Tetrachloroethylene	"	"	"	EPA 8260B	25.0	**1210**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Chlorobenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Ethylbenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
m,p-Xylenes	"	"	"	EPA 8260B	50.0	ND	"	3.B
Styrene	"	"	"	EPA 8260B	25.0	ND	"	3.B
o-Xylene	"	"	"	EPA 8260B	25.0	ND	"	3.B
Bromoform	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,2,3-Trichloropropane	"	"	"	EPA 8260B	25.0	ND	"	3.B
Bromobenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
n-Propylbenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
2-Chlorotoluene	"	"	"	EPA 8260B	25.0	ND	"	3.B
4-Ethyltoluene	"	"	"	EPA 8260B	25.0	ND	"	3.B
4-Chlorotoluene	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
tert-Butylbenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
sec-Butylbenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,3-Dichlorobenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
4-Isopropyltoluene	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,4-Dichlorobenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,2-Dichlorobenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,4-Diethylbenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
n-Butylbenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
Naphthalene	"	"	"	EPA 8260B	25.0	ND	"	3.B
Hexachlorobutadiene	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	25.0	ND	"	3.B
Acrylonitrile	"	"	"	EPA 8260B	25.0	ND	"	3.B
1,4-Dioxane	"	"	"	EPA 8260B	25.0	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
70-74			**0072921-07**				**Non-Potable W**	
Dichlorodifluoromethane	B031162	8/2/10	8/2/10	EPA 8260B	100	ND	ug/L	3.B
Chlorodifluoromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chloromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Vinyl chloride	"	"	"	EPA 8260B	100	ND	"	3.B
Bromomethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Trichlorofluoromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Acetone	"	"	"	EPA 8260B	1000	ND	"	3.B
1,1-Dichloroethylene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Methylene Chloride	"	"	"	EPA 8260B	100	ND	"	3.B
Carbon disulfide	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	100	ND	"	3.B
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1-Dichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Vinyl acetate	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	200	ND	"	3.B
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	100	**658**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
Bromochloromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chloroform	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,1-Trichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
1,2-Dichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
1,1-Dichloropropylene	"	"	"	EPA 8260B	100	ND	"	3.B
Carbon Tetrachloride	"	"	"	EPA 8260B	100	ND	"	3.B
Benzene	"	"	"	EPA 8260B	14.0	ND	"	3.B
Trichloroethylene	"	"	"	EPA 8260B	100	**894**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
Dibromomethane	"	"	"	EPA 8260B	100	ND	"	3.B
Bromodichloromethane	"	"	"	EPA 8260B	100	ND	"	3.B
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	200	ND	"	3.B
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	100	ND	"	3.B
Toluene	"	"	"	EPA 8260B	100	ND	"	3.B
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,2-Trichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	100	ND	"	3.B
1,3-Dichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
70-74 (continued)			**0072921-07**				**Non-Potable W**	
Dibromochloromethane	B031162	8/2/10	8/2/10	EPA 8260B	100	ND	ug/L	3.B
Tetrachloroethylene	"	"	"	EPA 8260B	100	**7350**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Ethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
m,p-Xylenes	"	"	"	EPA 8260B	200	ND	"	3.B
Styrene	"	"	"	EPA 8260B	100	ND	"	3.B
o-Xylene	"	"	"	EPA 8260B	100	ND	"	3.B
Bromoform	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,3-Trichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
Bromobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
n-Propylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
2-Chlorotoluene	"	"	"	EPA 8260B	100	ND	"	3.B
4-Ethyltoluene	"	"	"	EPA 8260B	100	ND	"	3.B
4-Chlorotoluene	"	"	"	EPA 8260B	100	ND	"	3.B
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
tert-Butylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
sec-Butylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,3-Dichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
4-Isopropyltoluene	"	"	"	EPA 8260B	100	ND	"	3.B
1,4-Dichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2-Dichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,4-Diethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
n-Butylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
Naphthalene	"	"	"	EPA 8260B	100	ND	"	3.B
Hexachlorobutadiene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
Acrylonitrile	"	"	"	EPA 8260B	100	ND	"	3.B
1,4-Dioxane	"	"	"	EPA 8260B	100	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
80-84			**0072921-08**				**Non-Potable W**	
Dichlorodifluoromethane	B031162	8/2/10	8/2/10	EPA 8260B	250	ND	ug/L	3.B
Chlorodifluoromethane	"	"	"	EPA 8260B	250	ND	"	3.B
Chloromethane	"	"	"	EPA 8260B	250	ND	"	3.B
Vinyl chloride	"	"	"	EPA 8260B	250	ND	"	3.B
Bromomethane	"	"	"	EPA 8260B	250	ND	"	3.B
Chloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
Trichlorofluoromethane	"	"	"	EPA 8260B	250	ND	"	3.B
Acetone	"	"	"	EPA 8260B	2500	ND	"	3.B
1,1-Dichloroethylene	"	"	"	EPA 8260B	250	ND	"	3.B
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	250	ND	"	3.B
Methylene Chloride	"	"	"	EPA 8260B	250	ND	"	3.B
Carbon disulfide	"	"	"	EPA 8260B	250	ND	"	3.B
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	250	ND	"	3.B
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	250	ND	"	3.B
1,1-Dichloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
Vinyl acetate	"	"	"	EPA 8260B	250	ND	"	3.B
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	500	ND	"	3.B
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	250	**256**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	250	ND	"	3.B
Bromochloromethane	"	"	"	EPA 8260B	250	ND	"	3.B
Chloroform	"	"	"	EPA 8260B	250	ND	"	3.B
1,1,1-Trichloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
1,2-Dichloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
1,1-Dichloropropylene	"	"	"	EPA 8260B	250	ND	"	3.B
Carbon Tetrachloride	"	"	"	EPA 8260B	250	ND	"	3.B
Benzene	"	"	"	EPA 8260B	35.0	ND	"	3.B
Trichloroethylene	"	"	"	EPA 8260B	250	**1020**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	250	ND	"	3.B
Dibromomethane	"	"	"	EPA 8260B	250	ND	"	3.B
Bromodichloromethane	"	"	"	EPA 8260B	250	ND	"	3.B
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	250	ND	"	3.B
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	500	ND	"	3.B
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	250	ND	"	3.B
Toluene	"	"	"	EPA 8260B	250	ND	"	3.B
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	250	ND	"	3.B
1,1,2-Trichloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	250	ND	"	3.B
1,3-Dichloropropane	"	"	"	EPA 8260B	250	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
80-84 (continued)			**0072921-08**				**Non-Potable W**	
Dibromochloromethane	B031162	8/2/10	8/2/10	EPA 8260B	250	ND	ug/L	3.B
Tetrachloroethylene	"	"	"	EPA 8260B	250	**13900**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	250	ND	"	3.B
Chlorobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
Ethylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
m,p-Xylenes	"	"	"	EPA 8260B	500	ND	"	3.B
Styrene	"	"	"	EPA 8260B	250	ND	"	3.B
o-Xylene	"	"	"	EPA 8260B	250	ND	"	3.B
Bromoform	"	"	"	EPA 8260B	250	ND	"	3.B
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	250	ND	"	3.B
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	250	ND	"	3.B
1,2,3-Trichloropropane	"	"	"	EPA 8260B	250	ND	"	3.B
Bromobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
n-Propylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
2-Chlorotoluene	"	"	"	EPA 8260B	250	ND	"	3.B
4-Ethyltoluene	"	"	"	EPA 8260B	250	ND	"	3.B
4-Chlorotoluene	"	"	"	EPA 8260B	250	ND	"	3.B
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
tert-Butylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
sec-Butylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,3-Dichlorobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
4-Isopropyltoluene	"	"	"	EPA 8260B	250	ND	"	3.B
1,4-Dichlorobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,2-Dichlorobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,4-Diethylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
n-Butylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	250	ND	"	3.B
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	250	ND	"	3.B
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
Naphthalene	"	"	"	EPA 8260B	250	ND	"	3.B
Hexachlorobutadiene	"	"	"	EPA 8260B	250	ND	"	3.B
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	250	ND	"	3.B
Acrylonitrile	"	"	"	EPA 8260B	250	ND	"	3.B
1,4-Dioxane	"	"	"	EPA 8260B	250	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
Field Blank			**0072921-09**				**Non-Potable W**	
Dichlorodifluoromethane	B031162	8/2/10	8/2/10	EPA 8260B	5.00	ND	ug/L	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.00	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.00	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.00	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.00	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.00	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.00	ND	"	
Acetone	"	"	"	EPA 8260B	50.0	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.00	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.00	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.00	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.00	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.00	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.00	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.00	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.00	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.0	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.00	ND	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.00	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.00	ND	"	
Chloroform	"	"	"	EPA 8260B	5.00	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.00	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.00	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.00	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.00	ND	"	
Benzene	"	"	"	EPA 8260B	0.700	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.00	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.00	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.00	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.00	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.00	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.0	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.00	ND	"	
Toluene	"	"	"	EPA 8260B	5.00	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.00	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.00	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.00	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.00	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
Field Blank (continued)			**0072921-09**				**Non-Potable W**	
Dibromochloromethane	B031162	8/2/10	8/2/10	EPA 8260B	5.00	ND	ug/L	
Tetrachloroethylene	"	"	"	EPA 8260B	5.00	ND	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.00	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.00	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.0	ND	"	
Styrene	"	"	"	EPA 8260B	5.00	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.00	ND	"	
Bromoform	"	"	"	EPA 8260B	5.00	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.00	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.00	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.00	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.00	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.00	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.00	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.00	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.00	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.00	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.00	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.00	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.00	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.00	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.00	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.00	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.00	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
Trip Blank			**0072921-10**				**Non-Potable W**	
Dichlorodifluoromethane	B031162	8/2/10	8/2/10	EPA 8260B	5.00	ND	ug/L	
Chlorodifluoromethane	"	"	"	EPA 8260B	5.00	ND	"	
Chloromethane	"	"	"	EPA 8260B	5.00	ND	"	
Vinyl chloride	"	"	"	EPA 8260B	5.00	ND	"	
Bromomethane	"	"	"	EPA 8260B	5.00	ND	"	
Chloroethane	"	"	"	EPA 8260B	5.00	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8260B	5.00	ND	"	
Acetone	"	"	"	EPA 8260B	50.0	ND	"	
1,1-Dichloroethylene	"	"	"	EPA 8260B	5.00	ND	"	
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	5.00	ND	"	
Methylene Chloride	"	"	"	EPA 8260B	5.00	ND	"	
Carbon disulfide	"	"	"	EPA 8260B	5.00	ND	"	
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	5.00	ND	"	
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.00	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8260B	5.00	ND	"	
Vinyl acetate	"	"	"	EPA 8260B	5.00	ND	"	
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	10.0	ND	"	
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	5.00	ND	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	5.00	ND	"	
Bromochloromethane	"	"	"	EPA 8260B	5.00	ND	"	
Chloroform	"	"	"	EPA 8260B	5.00	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8260B	5.00	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8260B	5.00	ND	"	
1,1-Dichloropropylene	"	"	"	EPA 8260B	5.00	ND	"	
Carbon Tetrachloride	"	"	"	EPA 8260B	5.00	ND	"	
Benzene	"	"	"	EPA 8260B	0.700	ND	"	
Trichloroethylene	"	"	"	EPA 8260B	5.00	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	5.00	ND	"	
Dibromomethane	"	"	"	EPA 8260B	5.00	ND	"	
Bromodichloromethane	"	"	"	EPA 8260B	5.00	ND	"	
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	5.00	ND	"	
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	10.0	ND	"	
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.00	ND	"	
Toluene	"	"	"	EPA 8260B	5.00	ND	"	
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	5.00	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8260B	5.00	ND	"	
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	5.00	ND	"	
1,3-Dichloropropane	"	"	"	EPA 8260B	5.00	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
Trip Blank (continued)			**0072921-10**				**Non-Potable W**	
Dibromochloromethane	B031162	8/2/10	8/2/10	EPA 8260B	5.00	ND	ug/L	
Tetrachloroethylene	"	"	"	EPA 8260B	5.00	ND	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	5.00	ND	"	
Chlorobenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	5.00	ND	"	
Ethylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
m,p-Xylenes	"	"	"	EPA 8260B	10.0	ND	"	
Styrene	"	"	"	EPA 8260B	5.00	ND	"	
o-Xylene	"	"	"	EPA 8260B	5.00	ND	"	
Bromoform	"	"	"	EPA 8260B	5.00	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	5.00	ND	"	
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	5.00	ND	"	
1,2,3-Trichloropropane	"	"	"	EPA 8260B	5.00	ND	"	
Bromobenzene	"	"	"	EPA 8260B	5.00	ND	"	
n-Propylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
2-Chlorotoluene	"	"	"	EPA 8260B	5.00	ND	"	
4-Ethyltoluene	"	"	"	EPA 8260B	5.00	ND	"	
4-Chlorotoluene	"	"	"	EPA 8260B	5.00	ND	"	
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
tert-Butylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
sec-Butylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8260B	5.00	ND	"	
4-Isopropyltoluene	"	"	"	EPA 8260B	5.00	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,4-Diethylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
n-Butylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	5.00	ND	"	
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	5.00	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	5.00	ND	"	
Naphthalene	"	"	"	EPA 8260B	5.00	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8260B	5.00	ND	"	
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	5.00	ND	"	
Acrylonitrile	"	"	"	EPA 8260B	5.00	ND	"	
1,4-Dioxane	"	"	"	EPA 8260B	5.00	ND	"	

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
Blind Dup			**0072921-11**				**Non-Potable W**	
Dichlorodifluoromethane	B031162	8/2/10	8/3/10	EPA 8260B	100	ND	ug/L	3.B
Chlorodifluoromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chloromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Vinyl chloride	"	"	"	EPA 8260B	100	ND	"	3.B
Bromomethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Trichlorofluoromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Acetone	"	"	"	EPA 8260B	1000	ND	"	3.B
1,1-Dichloroethylene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,2-Trichloro-1,2,2-trifluoroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Methylene Chloride	"	"	"	EPA 8260B	100	ND	"	3.B
Carbon disulfide	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl-tert-Butyl Ether	"	"	"	EPA 8260B	100	ND	"	3.B
trans-1,2-Dichloroethylene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1-Dichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Vinyl acetate	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl Ethyl Ketone (2-Butanone)	"	"	"	EPA 8260B	200	ND	"	3.B
cis-1,2-Dichloroethylene	"	"	"	EPA 8260B	100	**836**	"	
2,2-Dichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
Bromochloromethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chloroform	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,1-Trichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
1,2-Dichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
1,1-Dichloropropylene	"	"	"	EPA 8260B	100	ND	"	3.B
Carbon Tetrachloride	"	"	"	EPA 8260B	100	ND	"	3.B
Benzene	"	"	"	EPA 8260B	14.0	ND	"	3.B
Trichloroethylene	"	"	"	EPA 8260B	100	**1140**	"	
1,2-Dichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
Dibromomethane	"	"	"	EPA 8260B	100	ND	"	3.B
Bromodichloromethane	"	"	"	EPA 8260B	100	ND	"	3.B
2-Chloroethyl Vinyl Ether	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl Isobutyl Ketone	"	"	"	EPA 8260B	200	ND	"	3.B
cis-1,3-Dichloropropylene	"	"	"	EPA 8260B	100	ND	"	3.B
Toluene	"	"	"	EPA 8260B	100	ND	"	3.B
trans-1,3-Dichloropropylene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,2-Trichloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Methyl Butyl Ketone (2-Hexanone)	"	"	"	EPA 8260B	100	ND	"	3.B
1,3-Dichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B

Laurel Environmental	Project:	Full TCL/Full TAL	Sampled:	7/23/10 to 7/27/10
53 West Hills Road	Project Number:	Fashio Cleaners 641 E. Park Av Long Beach, NY	Received:	7/29/10
Huntington Station, NY 11746	Project Manager:	Brendan Moran	Reported:	8/13/10 16:56

Volatile Analysis
Long Island Analytical Laboratories, Inc.

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
Blind Dup (continued)			**0072921-11**				**Non-Potable W**	
Dibromochloromethane	B031162	8/2/10	8/3/10	EPA 8260B	100	ND	ug/L	3.B
Tetrachloroethylene	"	"	"	EPA 8260B	100	**5210**	"	
1,2-Dibromoethane	"	"	"	EPA 8260B	100	ND	"	3.B
Chlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,1,2-Tetrachloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Ethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
m,p-Xylenes	"	"	"	EPA 8260B	200	ND	"	3.B
Styrene	"	"	"	EPA 8260B	100	ND	"	3.B
o-Xylene	"	"	"	EPA 8260B	100	ND	"	3.B
Bromoform	"	"	"	EPA 8260B	100	ND	"	3.B
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8260B	100	ND	"	3.B
Isopropylbenzene (Cumene)	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,3-Trichloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
Bromobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
n-Propylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
2-Chlorotoluene	"	"	"	EPA 8260B	100	ND	"	3.B
4-Ethyltoluene	"	"	"	EPA 8260B	100	ND	"	3.B
4-Chlorotoluene	"	"	"	EPA 8260B	100	ND	"	3.B
1,3,5-Trimethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
tert-Butylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,4-Trimethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
sec-Butylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,3-Dichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
4-Isopropyltoluene	"	"	"	EPA 8260B	100	ND	"	3.B
1,4-Dichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2-Dichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,4-Diethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
n-Butylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2-Dibromo-3-chloropropane	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,4,5-Tetramethylbenzene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,4-Trichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
Naphthalene	"	"	"	EPA 8260B	100	ND	"	3.B
Hexachlorobutadiene	"	"	"	EPA 8260B	100	ND	"	3.B
1,2,3-Trichlorobenzene	"	"	"	EPA 8260B	100	ND	"	3.B
Acrylonitrile	"	"	"	EPA 8260B	100	ND	"	3.B
1,4-Dioxane	"	"	"	EPA 8260B	100	ND	"	3.B

APPENDIX J

Personnel Qualifications

SCOTT A. YANUCK, C.E.I., C.E.S.

EDUCATION: STATE UNIVERSITY OF NEW YORK AT STONY BROOK
B.A., Earth and Space Sciences, December, 1987, Minor in Technology and Society.
M.Sc., Hydrogeology, May, 1993.Course work included classes in Geophysics, Chemical Hydrogeology, Organic Contaminant Hydrology, and Computer Modeling.

EXPERIENCE:

PRINCIPAL, MANAGING HYDROGEOLOGIST
LAUREL Environmental Associates, Ltd.

- Supervise all technical and financial operations of environmental consulting firm.
- Completed OSHA 40 Hour HAZWOPER Supervisors course, 8 Hour Refresher Courses to current.
- Completed ASTM Environmental Site Assessment training course for professionals.
- Completed NJDEPE UST Certification Program.
- Completed Mold Remediation Manage Course based on NYC DOH Guidelines
- NYSDOL Asbestos Inspector, #AH97-08528

September, 1992-present

PROJECT MANAGER, GROUP SUPERVISOR: ENVIRONMENTAL SERVICES
Richard D. Galli, P.E., P.C.

In charge of Environmental Services Group. Scope of work within group includes the following:

- Phase I Environmental Assessments.
- Phase II Environmental Assessments.
- Groundwater Contamination Studies.
- Underground Storage Tanks (UST'S): testing, removal, closure.
- Underground Injection Well Closure (UIC)
- Hazardous Site Remediation.
- State Superfund RI/FS.
- Indoor Air Quality (IAQ) studies.

In addition to performing any of the above-mentioned work, personally responsible for project management, including project setup, project review and quality control/quality assurance of proposals and reports generated by the environmental group.

PROJECT MANAGER, HYDROGEOLOGY
Richard D. Galli, P.E., P.C.

Performed all aspects of numerous Phase I Environmental Assessments.

Performed and supervised Phase II and Phase III investigations and remediation. Duties included proposal writing, historical investigations, soil and water sampling, supervision of well drilling teams, supervision of remediation work, supervision of underground storage tanks removals, groundwater studies, and report writing.

Knowledgeable in Ground Water Computer Modeling with *canned* programs as well as developing new programs. Worked to set up a GIS based system capable of mapping CERCLA and NPL site, NYSDEC Spills and Inactive Hazardous Waste Sites, etc., to aid in performing Audits.

Certified: OSHA Forty Hour HAZWOPER Course, NIOSH 582.

TECHNICIAN, FIELD AND LABORATORY

Kemron Environmental Services, Inc.

Worked as an industrial hygienist, taking air and bulk samples, and performing Indoor Air Quality (IAQ) studies. As a Polarized Light Microscopist, analyzed bulk samples for asbestos. Analyzed samples from the *Gramercy Park steam pipe explosion* and was detailed to St. Croix for on site sampling and analysis at the Hess oil refinery during the cleanup of *Hurricane Hugo.* Also worked as GC/MS and HPLC technician.
June, 1989-July, 1990 full time, continuing part time to 1993.

CONSTRUCTION SUPERVISOR, DEVELOPER

SHY Building Corporation, Huntington, NY.

Managed land development and housing construction. Scheduling and supervision of all trades necessary. Duties included the following:

- Design of drainage structures
- Design of buildings/renovations
- Surveying in conjunction with road/drainage construction.
- Property acquisition.
- Submitted applications for subdivision, building permits, and sanitary/water permits to Town and County agencies.
- Supervision of UST installations.
- Geotechnical and environmental inspections of properties/building sites.
- Energy efficient building design and implementation.

AFFILIATIONS

Air & Waste Management Association
American Institute of Professional Geologists
American Society for Testing and Materials
    Active Committee Member E-40, Subsurface Investigations
    Active Committee Member E-50, Environmental Assessment
    Active Committee Member E-50.1, Underground Storage Tanks
Environmental Assessment Association, Certified Environmental Inspector and Specialist, #12200.
Hazardous Materials Control Resources Institute
Huntington Chamber of Commerce
Huntington Historical Society
Long Island Association
Long Island Builders Institute
Long Island Geologists
National Fire Protection Association
National Ground Water Society
New York State Council of Professional Geologists

CARLA M. SULLIVAN, C.E.S

EDUCATION

BS GEOLOGY, January 1998. **Cum Laude**

EXPERIENCE:

SENIOR GEOLOGIST, Laurel Environmental Associates, Ltd., Huntington, NY November 1997 – present.

- Project Manager
- Certified Environmental Specialist
- Phase I Environmental Site Assessments
- Phase II Soil and Groundwater Sampling and Analysis Reports.
- Supervises and writes Remediation/Phase III and Analysis
- Geotechnical reports, class V injection well closure plans and RI/FS workplan for regulatory agency approval
- Groundwater Contamination Studies.
- Underground Storage Tanks (UST'S): testing, removal, closure
- Underground Injection Well Closure (UIC)
- Hazardous Site Remediation.

In addition to performing any of the above-mentioned work personally, responsible for project management, including project setup, project review and quality control/quality assurance of proposals and reports

FIELD SKILLS:

- Completed OSHA 40 HOUR HAZWOPER with confined space, 8 Hour Refresher Courses to current.
- Supervises drilling and installation of groundwater monitoring wells, drilling of borings, UST removals, geotechnical drilling, leaching pool "super sucker" remediation, ground penetrating radar survey.
- Performs split spoon soil sampling, groundwater monitoring well installation, purging & sampling, soil-vapor sampling, UST sampling & registration, dye trace & floor drain closure, magnetometer survey
- Experience with PID, hand auger, soil-vapor probe, soil dredge sampler, magnetometer, pH meter.

ACTIVITIES:

- Member of the National Honorary Society in the Earth Sciences Sigma Gamma Epsilon
- Member of the National Society of Research for Professionals 5 Sigma Xi
- Member of the National Honor Society C. W. Post Chapter Phi Beta Kappa
- Associate Member of the Geological Society of America
- Member of New York State Paleontological Society
- Member of the American Natural History Museum

AFFILIATIONS

- American Institute of Professional Geologists
- Environmental Assessment Association, Certified Environmental Inspector and Specialist
- Huntington Historical Society
- Oyster Bay Historical Society
- Long Island Association
- Long Island Geologists
- New York State Council of Professional Geologists

SHEILA BUBKA, CIH
18 Tide Court
Wading River, New York 11792
631-929-8178

Education

MS Hunter College, Environmental and Occupational Safety and Health (1996)
BS SUNY Stony Brook, Biology (1990)

Professional Certification

CIH ABIH Certified Industrial Hygienist in Comprehensive Practice (1993)

Experience

Sound Environmental

Design and implement microbial and indoor air investigations in residential and commercial buildings. Conduct walk through investigations to determine the scope of the mold remediation project or to determine possible causal agents for indoor air quality issues. Perform air monitoring to determine microbial levels and types of microbial amplification in a building. Review analytical results and develop reports. Develop remediation plans and provide project management for mold remediation projects.

Ademco

Environmental Safety and Health Manager

Directly responsible to manage the environmental, safety and health program for a multifaceted manufacturing firm. Develop and implement safety policies and procedures including electrical, lockout tagout, machine guarding, lead hygiene, bloodborne pathogen and respiratory protection. Responsible for conducting accident investigations and managing the worker's compensation program. Conduct industrial hygiene monitoring and safety evaluations of the facility. Accountable for maintaining air, water and hazardous storage permits. Oversee the hazardous waste, emergency response and first aid programs. Oversee the ES&H training programs. Coordinate the activities of company safety committees. Act as a consultant for ES&H issues at other plant locations.

Brookhaven National Laboratory

Emergency Management Project Manager

Develop and maintain emergency preparedness and response capabilities for this 5200-acre multi-use DOE facility (operating two nuclear reactors, three particle accelerators, light source, and undergoing construction of a major international research facility). Directly responsible for the performing hazard assessments to identify potential accident scenarios that could result in radiological or hazardous material releases. Responsible for emergency preparedness and response planning: conducting quarterly drills, an annual full-scale exercise involving off-site agencies, and training of lab directors. Oversee maintenance and update of Emergency Plans/Procedures; oversee development of computer based training programs. Conduct comprehensive Hazard Assessments,

evaluating hazards within facilities and transportation of hazardous waste. Preplan for safety, health and environmental impacts of possible hazardous material releases. Conduct integrated assessments to evaluate the effectiveness of the emergency management program. Requires the coordination of over 3000 employees; utilization of site resources.

Occupational Safety and Health Specialist/Hazard Assessment Project Manager

Report to Emergency Management Group Leader. Participated in accident investigations. Coordinated EPA SARA reporting and reviewed legislation regarding emergency planning and environmental risk management. Responsible for classifying events, which are subject to DOE reporting under the Occurrence Reporting Program. Assist in completion and tracking of Occurrence Reports for the Laboratory. Member of safety inspection team for internal Tier I audits. As Project Manager for the Hazard Assessment Project, developed a resource loaded project plan, evaluated proposals, selected and evaluated contractor performance, and enforced project controls.

Industrial Hygiene Training Program Manager

Developed and implemented training for Respiratory Protection, Noise and Hearing Conservation, Laser Safety, Bloodborne Pathogens, Hazard Communication, Ergonomics and Back Safety.

<u>Kemron Environmental Services</u>

Senior Industrial Hygienist/Project Manager

Project Management responsibilities spanning several large-scale industrial hygiene, mold and environmental management projects. This function included the preparation of proposals and budgets. Conducted comprehensive health and safety inspections of industrial/commercial facilities; inspections included applicable personal interviews, ventilation system evaluations, building safety inspections, and sampling for specific noise, chemical, mold and indoor air quality hazards (e.g., noise, chemicals, dusts, particulate and etiologic agents).

Professional Development Courses

Indoor Air Quality Solutions, Indoor Air Quality –8 hour
Bioaerosols, Assessment and Control-16 hrs
Assessing Bioaerosols in Indoor Environments-40hrs
Biological Decommissioning in Buildings-16 hrs
Biological Instrumentation and Sampling Protocols-16 hrs
Assessing and Remediation of Microbial Contamination in the Ennvironment-16 hrs.

BRENDAN C. MORAN

EXPERIENCE

Environmental Consultant, Laurel Environmental Associates, Ltd., Huntington, NY
February 2005 - Present

- Phase I Environmental Site Assessments
- Phase II Subsurface Soil, Soil Vapor and Groundwater Investigations
- Remediation/Phase III projects and reports
- Sub-Slab Soil Vapor and Indoor Air Quality (IAQ) studies
- Groundwater Quality Investigations
- Underground Injection Well Closure (UIC)
- UST removals, abandonments and spill closures
- Hazardous site remediation

FIELD SKILLS:

- Performs various methods of soil, soil vapor and groundwater sampling, groundwater monitoring
- Experienced with truck-mounted, track mounted and portable Geoprobe® machines and tooling
- Supervises ground penetrating radar, magnetic and utility surveys
- Supervises leaching pool remediations
- Performs and supervises direct push and hollow stem auger monitoring well installation
- Experienced with various field screening and monitoring equipment such as Photoionization Detector and water quality instruments
- Experienced with magnetic and pipe locating equipment

WRITING SKILLS:

- Numerous Phase I, II & III reports

RELATED QUALIFICATIONS

- Completed OSHA 40 HOUR HAZWOPER with confined space, 8 Hour Refresher Course to current
- OSHA HAZWOPER physical to current
- Computer assisted statistical analysis using Minitab
- Computer assisted renderings

EDUCATION

BA Earth Sciences, May 2003

- Millersville University, Millersville, PA

MS Hydrogeology, January 2008 to Current

- SUNY Stony Brook, Stony Brook, NY

RELATED COURSES

- Physical Hydrogeology, Sedimentation, Physical Geology, Historical Geology, Marine Geology, Oceanography, Environmental Awareness, Calculus I, II and III, Physics I and II, Chemistry I and II, Statistics I and II

RENEE G. COHEN, LAUREL ENVIRONMENTAL ASSOCIATES, LTD. ASSOCIATE CONSULTANT

Experience **PREMIER ENVIRONMENTAL SERVICES, Merrick, New York, 1993- present**

Perform organic and inorganic data validation according to the various protocols from the USEPA EPA CLP, NYS ASP and USEPA Test Methods for the Evaluation of Solid Waste, Methods for the Chemical Analysis of Water and Waste and the Federal Register. Use the USEPA National Functional Guidelines for Organic and Inorganic Data Validation (where applicable) as well as State (NYS DEC ASP/DUSR) and EPA Region requirements to report on laboratory data quality and data usability. Review and write Quality Assurance Project Plans using Regional and State guidelines for Remedial Investigations, Ground Water Monitoring programs and Superfund Programs. Review data and work plans as they relate to project data quality objectives. Conducts seminars on client specific topics. Perform on-site laboratory QA/QC audits as required by the client and site-specific work plans. Perform ASTM Phase 1 Assessments for engineering firms.

ENVIRONMENTAL TESTING LABORATORIES, Farmingdale, New York

QA Specialist

Performed the data review and report compilation of organic and inorganic data for report preparation. Performed departmental audits in compliance with NELAC and internal Helped to revise laboratory logbooks for bench chemists. Revised/updated laboratory SOP's for method compliance. Participated in on-site audit by both state representatives and commercial clients.

KEYSPAN LABORATORY SERVICES, Brooklyn, New York

Consultant Developed laboratory QAPP (in accordance with NELAC) and Chemical Hygiene Plan. Modified and updated laboratory SOP's. Perform audits in the different work areas. Maintained the NYS DOH proficiency program for analytes of interest. Review data for completeness and QC criteria. Implemented client inquiry system. Performed QC training and method training for bench and field chemists. Developed protocols and documentation for field PCB wipe sampling. Responsible for update/maintenance of laboratory state certifications.

NYTEST ENVIRONMENTAL INC., Port Washington, New York

Quality Assurance Officer, Responsible for the overall quality program at the laboratory.

ENSECO EAST, Somerset, New Jersey

QA/QC Scientist Acted as the Technical Representative for Ensecos EPA 3/90 Organic CLP Contract.

INTECH BIOLABS, East Brunswick, New Jersey

QA/QC Manager -. Recorded and charted all QA/QC data. Reviewed and assembled all CLP organic data reports.

INTERNATIONAL TECHNOLOGIES CORPORATION, Edison, New Jersey

Central Laboratory Chemist - REAC and EERU Contract for the Emergency Response Branch (ERB) of the USEPA. Responsible for the organic and inorganic extraction of environmental samples according to EPA Methods. This included both metals digestion as well as organic extraction's for semivolatiles, pesticides and PCB's. Performed Volatile Organic analyses using Gas Chromatography, Total Petroleum Hydrocarbon Analysis by IR, Metal Analyses by both Graphite Furnace AA and ICP. Field experience included s on site analyses for both metals and GC volatiles.

U.S. TESTING COMPANY, Hoboken, New Jersey

Chemist - Responsible for the digestion and analysis of both soil and aqueous samples for metals according to USEPA CLP and SW 846 protocols.

Education

B.S. Environmental Science, December 1984
B.S. Biology, May 1984
Old Dominion University, Norfolk, Virginia
Graduate Coursework - Rutgers University, New Brunswick, New Jersey
Long Island University at C.W. Post, Glen Cove, New York
Good Laboratory Practice (GLP) - June 1992, Center for Professional Development,
East Brunswick, New Jersey
40 Hour Course, Region II-Edison, NJ (1987)
24 Hour Refresher Course (1988, 1989, 1991)