# Remedial Investigation Interim Summary Report

Hartsdale Village Square Aristocrat Cleaners 212 East Hartsdale Avenue Hartsdale, New York 10530

Brownfield Cooperative Agreement Site #: C360111

June, 2012

## **Submitted To:**

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Remedial Investigation Interim Summary Report

Hartsdale Village Square, Aristocrat Cleaners Hartsdale, New York

BCA Site #C360111

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I certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.



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#### 1.0 INTRODUCTION

On January 12, 2010, Hartsdale Village Square, Aristocrat Cleaners (Site) located at 212 E. Hartsdale Avenue, Hartsdale, NY, was accepted into the New York State Brownfield Cleanup Program (BCP) by the New York State Department of Environmental Conservation (NYSDEC) as a Volunteer, and was assigned Brownfield Cooperative Agreement (BCA) Site #C360111. A general site plan is provided in Figure 1-1. In accordance with BCP requirements an evaluation of the environmental setting and conditions is being conducted in the form of a remedial investigation (RI) as described in DEC Program Policy *DER-10 – Technical Guidance for Site Investigation and Remediation*.

The RI is being performed in a phased approach as presented in the Amended Remedial Investigation Work Plan (Work Plan) dated August 2011. The purpose of this Interim Summary Report is to provide results of testing and other evaluations that were performed during Phase I of the RI that included a review of previously conducted testing results and an assessment of soil and groundwater quality and groundwater flow patterns at the Site. Based on these findings, further development of proposed investigative elements that will comprise subsequent RI work is presented.



## 2.0 RI PHASE I SCOPE OF WORK

As discussed in the Work Plan, testing at the Site will be performed during the RI to further the progress of site characterization efforts that were previously initiated in 2008 and support the assessment of remedial alternatives. The Work Plan provided a phased scope of work and technical rationale for performing environmental media sampling, assessments of soil stratigraphy and ground water flow characteristics that will be conducted during the RI at the approximate locations presented in Figure 2-1.

Testing described in the Work Plan has been initiated by conducting the following tasks during RI Phase I:

- Seven existing groundwater monitoring wells, one soil sampling location and two sumps in the Dry Cleaner basement were located and surveyed by a professional land surveyor;
- Analytical results of previously conducted soil vapor and indoor air sampling were validated;
- A synoptic round of water level measurements was recorded utilizing the existing monitoring wells and a map showing posted elevation measurements and inferred groundwater flow direction was prepared;
- Groundwater samples were collected using low-flow sampling protocol from three existing monitoring wells and analyzed by a New York State Department of Health (NYSDOH) ELAP/ASP accredited laboratory (Alpha Analytical, Westborough, MA);
- Soil samples were collected at two on-site locations and analyzed by Alpha Analytical;
- One sub-slab soil vapor monitoring point was installed in the basement of the Dry Cleaner; and
- Results of the Phase I soil and groundwater sampling were validated and summarized in tables and figures.

# 2.1 Surveying

Site features including existing monitoring wells MW-1 through MW-7, two floor basins (Sumps 1 and 3) located in the Dry Cleaner basement, and basement soil sampling/soil vapor probe



location SSV-2 were surveyed by Gabriel E. Senor, P.C., Hartsdale, New York. Scaled locations of these features are shown in Figure 2-2. The depicted location for soil sample SS-1 is approximate as it was not surveyed during Phase I. The surveyor had demobilized from the Site prior to location of that sample.

#### 2.2 Soil Assessment

Soil sampling was conducted at two locations shown in Figure 2-2:

- Soil sample SS-1 was collected from an outdoor location near existing groundwater monitoring well MW-1; and
- 2. Soil sample SSV-2 was collected in the vicinity of existing groundwater monitoring well MW-2 which is located in the basement of the dry cleaner.

The laboratory provided results of this testing in a Category B deliverable package.

# Soil Sample SS-1

A composited soil sample was collected using a hand auger from a depth of 1 to 3 feet below grade surface at the bottom of the steps leading to the basement door. The sample was analyzed in the laboratory for the full suite of target compound list/target analyte list (TCL/TAL) constituents including total metals, volatile organic compounds + top 10 tentatively identified compounds (VOCs+10 TICS), semi-volatile organic compounds + top 20 tentatively identified compounds (SVOCs+20 TICS), polychlorinated biphenyls (PCBs) and organochlorine pesticides. A blind duplicate sample designated SB-101 was also analyzed in the laboratory along with matrix spike/matrix spike duplicate (MS/MSD) and field blank samples in accordance with QA requirements provided in the Work Plan.

## Soil Sample SSV-2

A composited soil sample was collected using a hand auger from 0.5 to 2.5 feet below the basement slab during the installation of sub-slab soil vapor monitoring point SSV-2 to assess chemical concentrations present in soil directly underlying the basement of the dry cleaner. The vapor monitoring point will be used to collect a sub-slab soil vapor sample during the 2011-2012



heating season as discussed in the Work Plan. The SSV-2 soil sample was analyzed in the laboratory for the full suite of TCL/TAL constituents.

Upon completion of the soil sample collection a sub-slab soil vapor monitoring point designated SSV-2 was installed at the location in accordance with procedures discussed in the Work Plan for subsequent use during the RI for the assessment of indoor air quality. As specified in the Work Plan the proposed air quality evaluation that is a component of the RI scope of work should be conducted during the heating season that extends from November 15 through March 31. The required samples including sub-slab soil vapor, indoor air and outdoor air were collected on January 9, 2012 and results will be included in the final RI report as specified in the Work Plan.

#### 2.3 Groundwater Assessment

#### 2.3.1 Groundwater Flow

An assessment of flow patterns in the shallow groundwater at the Site was conducted during Phase I using the seven existing monitoring wells designated MW-1 through MW-7. The locations of these wells are shown in Figure 2-2. Depth to water measurements recorded on October 11, 2011, and surveyed longitude, latitude and top of casing elevations were used to calculate groundwater elevations and to assess the general direction of groundwater flow and hydraulic gradient at the Site.

#### 2.3.2 Groundwater Quality

Groundwater quality was assessed by sampling existing monitoring wells MW-2, MW-3 and MW-7 using a low flow protocol in accordance with provisions presented in the Work Plan for the full suite of TCL/TAL constituents. In addition, a blind duplicate sample for MW-2 (designated MW-101) was also collected and analyzed in the laboratory along with MS/MSD, field blank and trip blank samples in accordance with QA requirements provided in the Work Plan. Field parameters recorded during sample collection included the following: turbidity, specific conductance, pH, Eh (ORP), temperature and dissolved oxygen. The laboratory provided results of this testing in a Category B deliverable package.



#### 3.0 PREVIOUSLY CONDUCTED AIR TESTING

In accordance with correspondence from the NYSDEC dated July 8, 2010, results of previously conducted sampling were validated (i.e. a Data Usability Summary Report (DUSR) was prepared) in order to include findings in the RI report. Two sets of Category B sampling results were validated by Environmental Data Services, Inc. (EDS), Williamsburg, VA to fulfill this requirement. DUSRs prepared by EDS are provided in Appendix A.

#### 3.1 Indoor Air Assessment

Indoor air testing at the Site was conducted by Tapash Environmental Consultants (Tapash), Hammonton, NJ on August 12<sup>th</sup>, 2009 with the collection of samples in the dry cleaner at the following locations: 1) in the work area on the first floor; and 2) adjacent to the central sump in the basement. Samples collected using 6-liter Summa canisters were analyzed by Accutest Laboratories (Accutest), Dayton, New Jersey, for EPA Method TO-15 VOCs. Validated results of this previous testing are provided in Table 3-1. A summary of detected compounds only is provided in Table 3-2.

Table 3-3 provides a summary of VOCs associated with and listed in the general order of the reductive dechlorination of tetrachloroethylene (PCE). A review of the data reveals PCE as the predominant constituent.

## 3.2 Soil Vapor Assessment

Sub-slab soil vapor monitoring probes were installed by Tapash on February 9, 2010 in the neighboring basements at the following locations:

- SSV-8 sub-slab vapor point was installed outside the emergency exit for NY Sports club at the furthest extent of the gym building North of the Dry Cleaner;
- SSV-8a sub-slab vapor point was drilled inside the building under the floor slab in the
  utility closet in the basement to determine the extent of the vapor intrusion under the NY
  Sports basement, adjacent to the front sidewalk;



- SSV-9 sub-slab vapor point was installed through the front sidewalk by the curb outside
  of King Aristocrat Dry Cleaners to detect any vapor in the area where municipal sewer
  drains and storm drains are running;
- SSV-10 sub-slab vapor point was drilled through the boiler room floor slab in Hartsdale Liquor, southeast of the Dry Cleaner; and
- SSV-12 sub-slab vapor point was drilled through the pavement in the access road at the rear of Aristocrat Cleaners.

Tapash collected soil vapor samples from these five monitoring points on February 15, 2010. The samples were analyzed for the TO-15 list of VOCs by Accutest. Validated results of this testing are provided in Table 3-4. A reduced list of compounds representing only those compounds that were detected in one or more of the samples is provided in Table 3-5.

Table 3-6 provides a summary of VOCs associated with and listed (top to bottom) in the general order of the reductive dechlorination of tetrachloroethylene (PCE). The data reveals PCE as the predominantly detected chemical constituent.



#### 4.0 PHASE I RESULTS

# 4.1 Surveying Results

Longitude, latitude and elevation coordinates for the features surveyed during Phase I are provided in Table 4-1.

# 4.2 Soil Sampling Results

Table 4-2 provides a summary of laboratory results for the soil samples collected during RI Phase I. The 6NYCRR Part 375 -Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives (selected comparison criteria) are provided for each of the listed chemical constituents. Sampling results were validated by EDS and a DUSR is provided in Appendix B.

Results indicate that several chemical constituents including metals (iron, mercury and zinc), VOCs (tetrachloroethene), and organochlorine pesticides (4-4'-DDD, 4-4'-DDE and 4-4'-DDT) were found at levels meeting or marginally exceeding comparison criteria. Figure 4-1 presents a comparison to the Restricted Use Residential SCOs, in addition to the Unrestricted SCOs. All constituents with the exception of iron were below the Restricted Use Residential SCOs.

Table 4-3 provides a summary of VOCs associated with and listed (top to bottom) in the general order of the reductive dechlorination of tetrachloroethylene (PCE). PCE was the primary VOC chemical found and was detected in each of the soil samples but at low concentrations (i.e., at or below the unrestricted soil cleanup objectives).

#### 4.3 Groundwater Flow

Prior to collecting groundwater samples on October 11, 2011 a round of water level measurements was recorded utilizing the existing 7-well network. Table 4-4 provides a summary of depth to groundwater measurements and calculated water level elevations. The elevations were subsequently posted on the site map and used to develop equipotential contours and to determine a general direction of groundwater flow as shown in Figure 4-2.



Measurements recorded at wells MW-2 and MW-6 were not utilized for contouring as these results may represent transient conditions that do not support an assessment of flow direction. During the testing conducted on October 11th, it was noted that washing machines operating in the Dry Cleaner basement were intermittently discharging wash water to Sump 1, located in close proximity to these wells. The water level measurement recorded in MW-2 is anomalous and revealed the presence of a localized groundwater mound that is likely attributable to this activity. In light of this, and the relatively small scale of the area defined by the monitoring well network it is difficult to assess groundwater flow patterns accurately. However, with the elimination of these two wells (data from MW-6 was not used due to its close proximity to MW-2) from contouring, the general direction of groundwater flow as determined using the water level data recorded on October 11, 2011 is generally towards the south with a horizontal hydraulic gradient of approximately 0.01 ft/ft. Assuming that the subsurface consists of fine/medium sand (approximate hydraulic conductivity of 20 ft/day), the horizontal groundwater flow velocity is estimated at 0.8 ft/day.

# 4.4 Groundwater Sampling Results

Table 4-5 provides a summary of low flow field parameter measurements recorded at the end of the purge period and just prior to sample collection.

Table 4-6 provides a summary of laboratory results for the groundwater samples collected during RI Phase I. New York State Ambient Water Quality Standard, TOGS 1.1.1 (selected comparison criteria) are provided for each of the listed chemical constituents. Sampling results were validated by EDS and a DUSR is provided in Appendix B.

Results indicate that several chemical constituents including metals (iron, lead, magnesium, manganese and sodium), VOCs (cis-1,2-dichloroethene, tetrachloroethene, trichloroethene and vinyl chloride) and SVOCs (benzo(b)fluoranthene, benzo(k)fluoranthene and chrysene) were found at levels meeting or exceeding the comparison criteria as summarized in Figure 4-3. Although the results for samples collected from MW-2 and the blind duplicate sample (designated MW-101) compare well regarding constituents exceeding criteria, the concentrations are consistently greater for the duplicate, most notably for the VOCs. The reason for this phenomenon is not fully understood based on the limited testing conducted but may be related to the operating washing machines, as noted in Section 4.3, that may be influencing



local groundwater concentrations through recharge and pumping at the nearby floor sump (Sump 1).

Table 4-7 provides a summary of VOCs associated with and listed (top to bottom) in the general order of the reductive dechlorination of tetrachloroethylene (PCE). The data reveals PCE as the predominantly detected chemical constituent at the MW-2 location (a sample and a duplicate sample were analyzed with a maximum detected concentration of 13,000 ug/l) while the predominant compounds found at monitoring wells MW-3 and MW-7 (cis-1,2-DCE was found at those locations at concentrations of 9.9 ug/l and 160 ug/l, respectively) are PCE degradation products and suggest more pronounced weathering, and significantly lower overall constituent concentrations at those locations.



#### 5.0 RECOMMENDATIONS

Updated information regarding soil and groundwater quality at the Site has been obtained as a result of implementing the RI Phase I activities. An evaluation of those results has been conducted to further assess data gaps and to identify appropriate subsequent (Phase II) investigation elements that were conceptually presented in the Work Plan. The recommendations presented in the Work Plan were based on results of previous evaluations and were developed in consideration that site conditions would be confirmed as a result of conducting the Phase I testing.

#### 5.1 Recommendations Presented in the August 2011 Work Plan

#### 5.1.1 Groundwater

In developing the Work Plan it was envisioned that two additional groundwater monitoring wells would be installed during RI Phase II to further define the lateral and vertical extent of dissolved chemical constituents in groundwater, pending a further evaluation of groundwater quality and definition of groundwater flow patterns that would be first conducted during Phase I. Prior testing had determined that the maximum concentrations of dissolved VOCs were found on the western side of the Site at monitoring well MW-1, installed at an exterior location. Therefore, the conceptual plan for Phase II was to concentrate subsequent plume assessment efforts in the downgradient direction with respect to groundwater flow and on the western side of the Site.

The proposed monitoring wells included a deeper well (tentatively identified in the Work Plan as MW-2D) that would be installed to a total depth of 35 feet in the vicinity of existing shallow monitoring well MW-5 (that is screened to a depth of 18.5 feet). As discussed in the Work Plan this deeper well would be used to evaluate the vertical extent of plume constituents and groundwater flow gradient. An additional shallow well (tentatively identified as MW-11), that would be installed approximately 60 feet to the southwest of MW-5, was proposed to further define shallow groundwater flow patterns and the horizontal extent of the plume in the downgradient direction. The approximate locations that were selected during the initial scoping process for these conceptual Phase II monitoring wells are provided in Figure 2-1.



#### 5.1.2 Soil

It was envisioned that two soil samples would be collected during the installation of groundwater monitoring well MW-2D. The specific depth intervals for these samples would be selected in the field based on photoionization detector (PID) screening results.

# 5.2 Updated Recommendations Based on Phase I Testing Results

The proposals for work that will be conducted following completion of Phase I, as presented in Section 5.1, were further evaluated based on the initial testing results to determine whether the rationale for their implementation remains viable or if alternative or additional work is warranted. The following sections provide updated and additional proposals to meet the project goals that were set forth in the Work Plan and in accordance with the Applicant's BCP Volunteer status.

### 5.2.1 Sampling Parameters

The Phase I testing results provide site characterization data for soil and groundwater for a wide variety of chemical constituents including metals, VOCs, SVOCs, PCBs and pesticides. Findings show that a limited number of possible chemicals of concern (COCs) were found in comparing data to potentially applicable regulatory comparison criteria. The principal COCs identified at the Site through this approach consist predominantly of VOCs including PCE and related degradation products, in particular with respect to groundwater results. In consideration of this finding it is proposed that further soil and groundwater testing conducted during the RI be limited to laboratory analysis of TCL VOCs+10 TICS only with continued Category B reporting of results and DUSR preparation. Groundwater samples will continue to be collected using a low flow protocol, including the collection of field parameters using a flow cell, as described in the Work Plan.

#### 5.2.2 Groundwater

#### Sample Existing Monitoring Wells

The Phase I results for monitoring well MW-2 and its blind duplicate sample (that was designated as sample MW-101) were not particularly comparable with respect to concentrations



of compounds detected (e.g., the results for tetrachloroethene for these samples were 2,300 ug/l and 13,000 ug/l, respectfully). As discussed in Section 4.4 the observed discrepancy is believed to be attributable to the operating washing machines. To obtain a more accurate and representative estimate of groundwater quality at this location, an additional sample will be collected using a low flow protocol, following procedures provided in the Work Plan, and analyzed in the laboratory for TCL VOCs+10 TICS. This sample will be collected first thing in the morning prior to initiating use of the washing machines.

As discussed in Section 5.1.1 it was anticipated that the maximum VOC concentrations in groundwater would be found on the western side of the Site based on prior testing conducted by others. However, results of the groundwater sampling conducted during Phase I suggest that the centerline of the VOC plume may currently be located more to the east and in the vicinity of monitoring well MW-2 where the maximum concentrations of VOCs were found. Based on these findings sampling of monitoring wells MW-1 and MW-5 will be performed to further delineate the current extent of dissolved VOCs in shallow groundwater at the Site. Samples will be collected from these wells using a low flow protocol, following procedures provided in the Work Plan, and analyzed in the laboratory for TCL VOCs+10 TICS.

#### Monitoring Well Installations

Results of Phase I testing have determined that groundwater at the Site migrates in a southerly direction. Based upon this conclusion, it is recommended that an additional groundwater monitoring well (to be designated MW-2D) should be installed in the basement of the dry cleaner and in close proximity to existing well MW-2 (currently exhibiting the highest VOC concentrations) to evaluate deeper groundwater quality. The location of MW-2, relative to groundwater elevations and groundwater quality as determined through the Phase I testing, is provided in Figures 4-2 and 4-3 and the location of proposed well MW-2D is shown on Figure 5-1.

As presented in the Work Plan, one of two options for the installation of this proposed well will be employed:

1. if bedrock is not encountered at a depth of 35 feet below grade then the well will be installed such that the a 10-foot screen will extend to a total depth of 35 feet; and



2. if bedrock is encountered at a depth of less than 35 feet below grade then the well will be constructed with a 5-foot screen extending to the overburden/bedrock contact.

The installation of a shallow downgradient monitoring well to the southwest of MW-5, that was presented conceptually in the Work Plan, is not recommended at this time. The Phase I testing results indicate that this well would be located outside of the anticipated extent of the plume and not useful for additional delineation. A more suitably located downgradient well (designated MW-8 on Figure 5-1) will be installed in the basement of the Hartsdale Wine and Liquor store to support an off-site exposure assessment as the BCA requires the Volunteer to determine if contamination is migrating from the BCP site and whether or not it poses an exposure risk off-site.

The basement elevation of the wine and liquor store is approximately 10-feet below land surface and it is anticipated that the water table will be encountered just beneath the foundation slab, similar to conditions in the dry cleaner. A 5-foot well screen will be set at a depth of approximately three to eight feet below the slab (13 to 18 feet below land surface), consistent with the depth of the existing shallow wells in the dry cleaner basement, and in order to properly seal the borehole and prevent/minimize potential soil vapor intrusion into the basement.

Well installation and construction procedures that will be employed are provided in the Work Plan. Following their installation, the two additional wells will be developed and surveyed into the existing monitoring well network by a licensed surveyor. Groundwater samples will be collected using a low flow protocol, following procedures provided in the Work Plan, and analyzed in the laboratory for TCL VOCs+10 TICS.

A minimum of two synoptic rounds of depth to groundwater measurements will be recorded utilizing the existing 7-well network and the additional shallow and deeper wells that will be installed during RI Phase II. The measurements will be recorded first thing in the morning prior to initiating use of the washing machines located in the basement of the dry cleaner as the discharge of wash water to Sump 1 appears to have a measurable effect on water levels and local groundwater flow patterns as discussed in Section 4-3. This new information will be used to calculate water level elevations and further define groundwater flow patterns at the Site.



#### 5.2.3 Soil

Two soil samples will be collected during the installation of the new groundwater monitoring well (proposed well MW-2D) discussed in Section 5.2.2. The sample depth intervals will be selected in the field based on PID measurements, as discussed in the Work Plan. The samples will be analyzed in the laboratory for TCL VOCs+10 TICS.

The location of Phase I soil sample SS-1 will be surveyed during RI Phase II. SS-1 was located after the other features were surveyed, as discussed in Section 2.1.

# 5.2.4 Groundwater Remediation Pilot Testing

Based on results of the Phase I testing conducted it is anticipated that the treatment of on-site groundwater to remove VOCs and prevent off-site migration may be required in accordance with the Applicant's status under the BCP as a Volunteer. During the next phase of site investigation activities described herein, testing will be initiated to begin to determine the most appropriate remedial approach for addressing groundwater at the Site.

The possible use of an augmented bioremediation approach will be initiated through a phased testing program. The process of in-situ biodegradation of the chemical compounds associated with the dry cleaning process (chlorinated ethenes including tetrachloroethene) has been well documented in the literature. However, the potential for it to be successful at a given site is related to specific hydrogeochemical characteristics.

Groundwater samples will be collected from existing monitoring wells MW-2, MW-4 and the proposed deeper well (MW-2D) that will be installed in the vicinity of MW-2, and provided to a bioremediation contractor (Catalina BioSolutions, Tucson, AZ) for bench testing at their laboratory facility. Duplicate samples collected from these locations will also be forwarded immediately to Alpha Analytical for analysis of VOCs and indicator parameters (nitrates, sulfates, dissolved iron). Other parameters including dissolved oxygen, conductivity, ORP, temperature and pH will be measured in the field during sample collection using standard low flow sampling protocol. Bench testing will consist of inoculating the groundwater samples with cultured microbes and nutrient/catalyst formulation followed by an incubation and monitoring period of one month at the Catalina laboratory. At the end of the bench test period the samples



will be forwarded by Catalina to Alpha Analytical for analysis of VOCs to assess concentration changes that occurred due to the biological degradation process. Catalina will directly provide data regarding biological activity changes observed through the bench testing process. The "before and after" bench testing results will be used to assess potential application of the technology at the Site and to determine if additional testing is warranted.

As noted above, if results of the pilot testing suggest that the technology has a reasonable probability of being successful for use at the Site then the NYSDEC and NYSDOH will be notified that a field pilot test will be conducted. This testing would include introduction of cultured microbes and nutrient/catalyst into the subsurface at the location of monitoring well MW-4. Subsequently, groundwater samples will be collected over a period of one month on a weekly schedule (for a total of four post-application samples) from monitoring wells MW-2, the newly installed deeper well (proposed well MW-2D) and MW-6 that are located nearby in the basement of the dry cleaner (approximately 10-15 feet from MW-4) and from the proposed downgradient shallow well (MW-8) that will be installed during implementation of the Phase II scope of work. These samples will be analyzed for the VOCs and other parameters noted above relative to the proposed precursor bench testing. Based on the hydrogeologic calculations presented in Section 4.3 these wells, with the possible exception of MW-8, are located at appropriate distances from MW-4 for the effects of the microbe applications to be observed during the proposed month of monitoring.

The pilot testing results will be evaluated to determine whether full scale application of the augmented bioremediation technology would be viable, and/or if the development of additional groundwater cleanup alternatives would be warranted to achieve cleanup goals in accordance with the Volunteer's obligations in the BCP. A summary report on the pilot testing will be prepared for NYSDEC and NYSDOH review at the conclusion of the study. The report will include a summary of procedures utilized, "before and after" bench and field testing results and recommendations based on the pilot study findings. If results are favorable then a full scale remedial design document will be developed in accordance with BCP requirements (i.e., after the final Remedial Investigation Report (RIR) is approved and a Decision Document is developed with public comment).



## 6.0 UPDATED PROJECT SCHEDULE

The RI is being conducted utilizing a phased approach in which investigative elements are refined and/or developed with the implementation of site testing and the gathering of data. As specified in the Work Plan it was envisioned that additional work would be conducted to further evaluate groundwater at the Site using data derived from the Phase I testing. As discussed in Section 5.2 an updated approach for this next phase of testing has been developed. Implementation of this work will be conducted in accordance with the schedule presented in Figure 6-1. The schedule has been developed assuming that the bio-remediation pilot testing will proceed through the completion of a field trial.



# **FIGURES**



# **AERIAL PHOTOGRAPH**

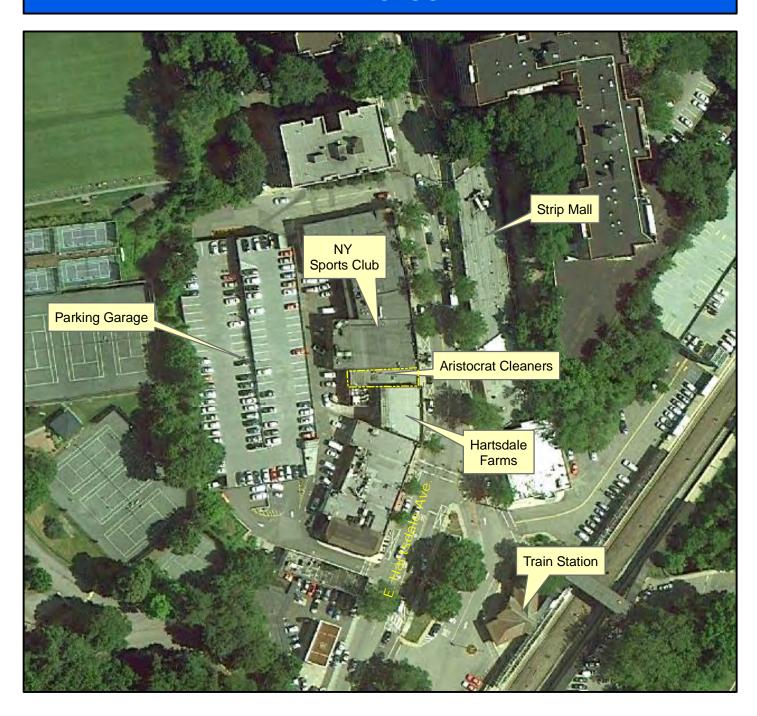


Figure 1-1 Site Location Map

Aristocrat Cleaners 212 E. Hartsdale Ave. Hartsdale, NY







# **AERIAL PHOTOGRAPH**



Figure 2-1 RI Testing Locations (From 8/11 Work Plan)

Aristocrat Cleaners 212 E. Hartsdale Ave. Hartsdale, NY

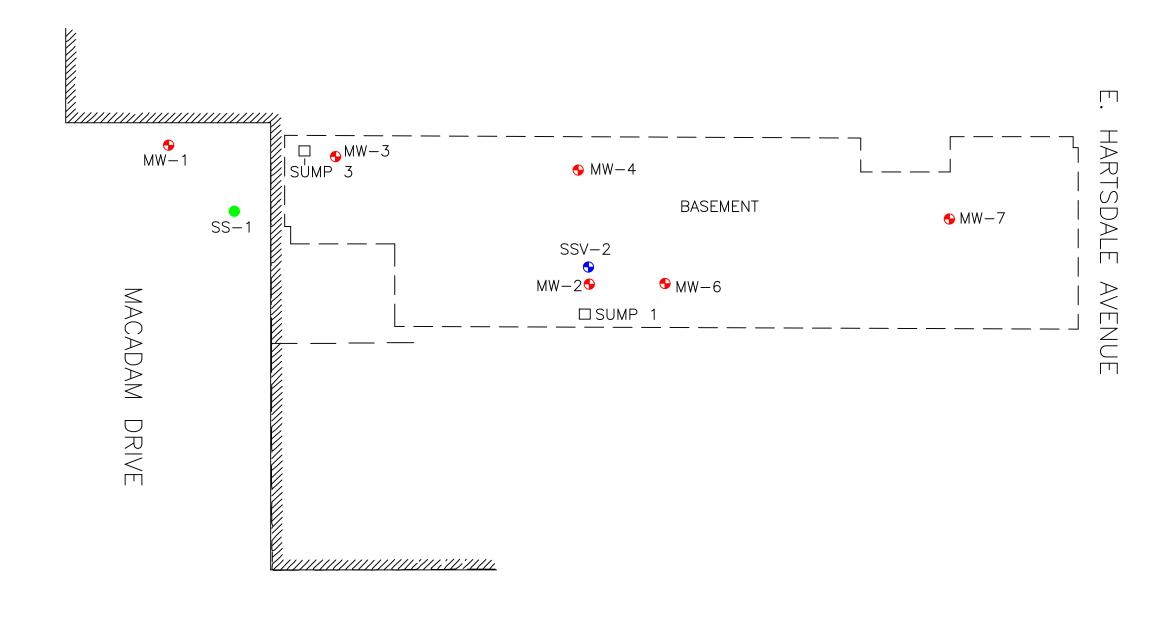




5 Old Dock Road Yaphank, NY 11980 P: 631-924-3001 F:631-924-5001







# LEGEND:

- MONITORING WELL
- SOIL SAMPLING/SOIL VAPOR LOCATION
- SOIL SAMPLING LOCATION
- ☐ SUMP

MW-5

Base map taken from GABRIEL E. SENOR, P.C. map dated OCTOBER 11, 2011



REVISION DATE:
NOVEMBER 2, 2011

REVISED BY: TE

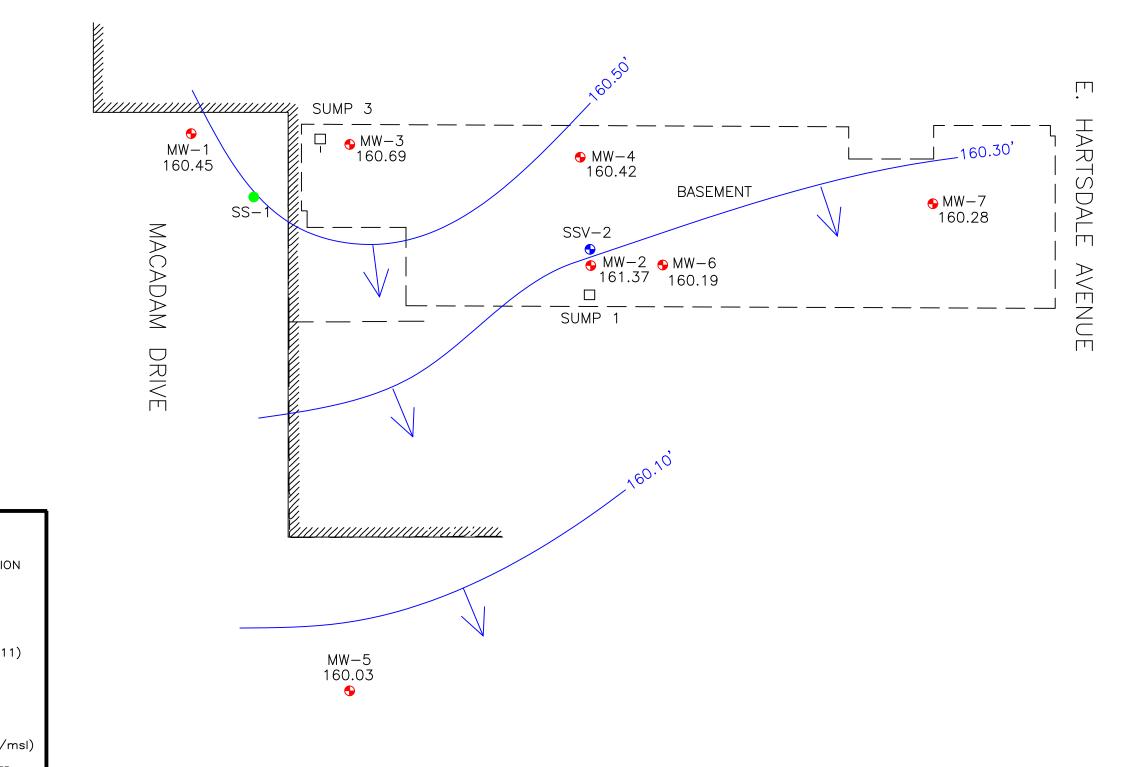
ARISTOCRAT CLEANERS 212 E. HARTSDALE AVENUE HARTSDALE, NEW YORK RI PHASE 1
TESTING LOCATIONS

FIGURE #

2 - 2

HARTSDALE **∳** MW−1 SUMP 3 ◆ MW-4 **BASEMENT** SS-1 ◆ MW-7 SSV-2 MW-2 **9** MW−6 MACADAM □SUMP 1 DRIVE NY-UNRES NY-RESR SS-1 SB-101 (1) SSV-2 RESULTS (mg/kg) METALS 2,000 20,000 NA 17,000 18,000 Iron 0.18 0.81 0.35J 0.32J 0.36J Mercury Zinc 109 2,200 120 150 180 VOCs 5.5 Tetrachloroethene 1.3 0.64 0.22 1.3 Pesticides 4,4'-DDD 0.0033 2.6 0.0104 0.0246 0.0134 4,4'-DDE 0.0033 1.8 0.011 0.00741 0.0194 4,4'-DDT 0.0033 1.7 0.0186 0.00994 0.0141 MW-5LEGEND: NY-RESR: Restricted Use Residential Soil Cleanup Objective.
NY-UNRES: Unrestricted Use Soil Cleanup Objective.
Sampling conducted October 11, 2011
(1) - Duplicate of SS-1 ♠ MONITORING WELL SOIL SAMPLING/SOIL VAPOR LOCATION SOIL SAMPLING LOCATION NA — Not applicable, no criteria provided. ☐ SUMP J — Estimated value. Base map taken from GABRIEL E. SENOR, P.C. map dated OCTOBER 11, 2011 FIGURE # RI PHASE 1 ARISTOCRAT CLEANERS 212 E. HARTSDALE AVENUE SOIL SAMPLING RESULTS HARTSDALE, NEW YORK REVISION DATE: SCALE: 5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980 PHONE: (631)924-3001 FAX: (631)924-5001 REVISED BY: TE NOVEMBER 30, 2011 = 10 FEET

THE THE PERSON OF THE PERSON O



# LEGEND:

- ♠ MONITORING WELL LOCATION
- SOIL SAMPLING/SOIL VAPOR LOCATION
- SOIL SAMPLING LOCATION
- ☐ SUMP

= INFERRED DIRECTION OF GROUNDWATER FLOW (10/11/11)

160.50' = EQUIPOTENTIAL LINE

# SAMPLE WELL:

MW-1 = MONITORING WELL ID
160.45 = WATER-TABLE ELEVATION (ft/msl)

NOTE: WELLS MW-2 & MW-6 NOT USED IN CONTOURS.

Base map taken from GABRIEL E. SENOR, P.C. map dated OCTOBER 11, 2011



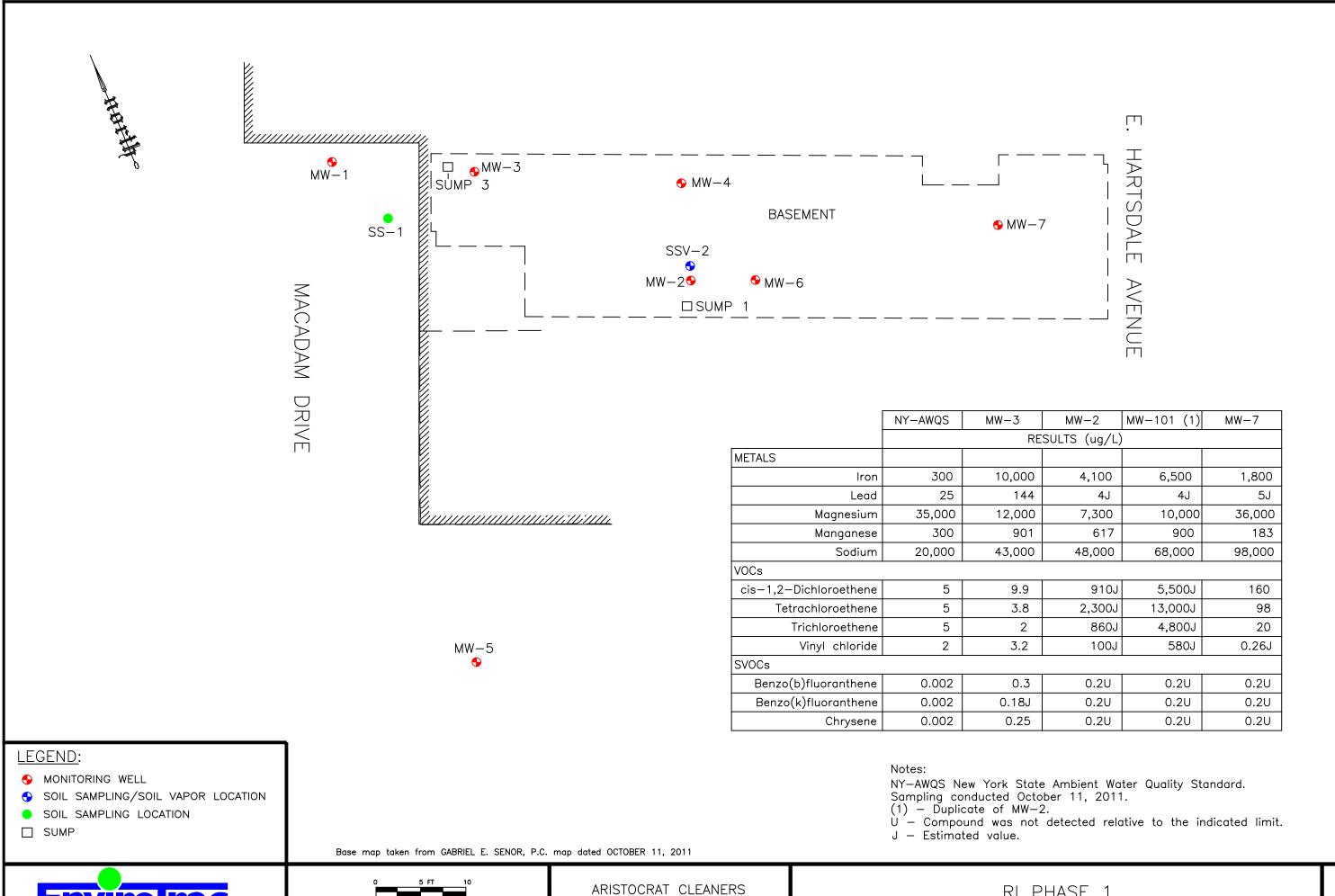
REVISION DATE:
NOVEMBER 11, 2011

REVISED BY: TE

ARISTOCRAT CLEANERS 212 E. HARTSDALE AVENUE HARTSDALE, NEW YORK RI PHASE 1
GROUNDWATER FLOW PATTERNS

FIGURE #

4-2



212 E. HARTSDALE AVENUE

HARTSDALE, NEW YORK

REVISION DATE:

NOVEMBER 30, 2011

5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980 PHONE: (631)924-3001 FAX: (631)924-5001 SCALE:

= 10 FEET

REVISED BY: TB

RI PHASE 1
GROUNDWATER SAMPLING RESULTS

FIGURE #

# **AERIAL PHOTOGRAPH**



Figure 5-1 Updated RI Testing Locations

Aristocrat Cleaners 212 E. Hartsdale Ave. Hartsdale, NY





5 Old Dock Road Yaphank, NY 11980 P: 631-924-3001 F:631-924-5001



Figure 6-1: Updated RI Implementation Schedule

	Weeks - From NYSDEC Approval of the Phase II Work Scope										
Amended RIWP Phase II Implementation Activity	1-2	3	4	5	6	7-9	10-12	13-17	18-21	22-25	
Phase II Mobilization											
Monitoring Well Installations											
Soil Sampling											
Laboratory Analysis											
Surveying											
Groundwater Sampling											
Bio-Remediation Bench Test											
Laboratory Analysis											
Bio-Remediation Pilot Test											
Laboratory Analysis											
Provide Bio-Remediation Test Results to NYSDEC and NYSDOH											
NYSDEC Review											
Data Analysis and Validation											
Reporting of RI Results to NYSDEC and NYSDOH											(1)(2)(3)

#### **Notes:**

- 1 RIR to be provided four weeks after completion of RI scope implementation including receipt of all final lab and third party data validation reports.
- 2 A fact sheet describing RI results will be mailed to the Site Contact List recipients prior to NYSDEC approval of the remedial investigation report (RIR).
- 3 RIR will be placed in document repositories following approval by the NYSDEC.

Page 1 of 1 EnviroTrac Ltd.

# **TABLES**



Table 3-1: Summary of Previously Conducted Indoor Air Testing - Validated Results

SAMPLING DATE	TAPASH SAMPLE DESIG		BASEME		DRY CLEANER			
Compound		ADJACEN			FIRST FLOOR WORK AREA			
Acetone	SAMPLING DATI			8/12/09			8/12/09	
1.3-Butdiene	Compound			Qual.			Qual.	
Borneadichloromethane								
Bromofern	,							
Bromonethane						0.61	J	
Bromontchane			_					
Bromoethene								
Benzyl Chloride								
Carbon disulfide					0.87			0.87
Chloroebrane								
Chlorochtame								
Chloroform								
Chloromethane								
3-Chlorotoluene				J				
2-Chlorotoluene								
Carbon tetrachloride         56-23-5         0.69         J         1.3         ND         1.3           Cyclohexane         110-82-7         1.2         0.69         ND         0.69           1,1-Dichloroethylene         75-34-3         ND         0.81         ND         0.69           1,1-Dichloroethylene         75-35-4         ND         0.79         ND         0.79           1,2-Dichloroethane         106-93-4         ND         1.5         ND         1.5           1,2-Dichloroethane         107-06-2         ND         0.81         ND         0.92           1,2-Dichloroethylene         78-75-5         ND         0.92         ND         0.92           1,4-Dioxane         13-91-1         ND         0.72         ND         0.92           1,4-Dioxane         13-91-1         ND         0.72         ND         0.92           1,4-Dioxane         13-91-1         ND         0.72         ND         0.72           Dibromochloromethane         12-2         ND         0.72         ND         0.72           2-2-Dichlorodethane         156-60-5         ND         0.79         ND         0.79           cis-1,2-Dichlorodethylene         156-60-5 </th <th></th> <th></th> <th></th> <th>   </th> <th></th> <th></th> <th></th> <th></th>								
Cyclobexane								
1,1-Dichloroethane	0 11-10 0-1 10 0-10 1-10 1-10 1-10 1-10		_	J				
1,1-Dichloroethylene   75-35-4   ND	v							
1,2-Dirbomoethane								
1,2-Dichloroethane								
1,2-Dichloropropane   78-87-5   ND   0.92   ND   0.92     1,4-Dioxane   123-91-1   ND   0.72   ND   0.72     1,4-Dioxane   75-71-8   3.5   0.99   2.8   0.99     Dichlorodifluoromethane   124-48-1   ND   1.7   ND   1.7     trans-1,2-Dichloroethylene   156-60-5   ND   0.79   ND   0.79     cis-1,2-Dichloroethylene   156-69-5   ND   0.79   ND   0.79     cis-1,3-Dichloropropene   10061-01-5   ND   0.91   ND   0.91     m-Dichlorobenzene   541-73-1   ND   1.2   ND   1.2     p-Dichlorobenzene   95-50-1   ND   1.2   ND   1.2     p-Dichlorobenzene   1064-67   1.3   1.2   ND   1.2     p-Dichlorobenzene   10061-02-6   ND   0.91   ND   0.91     Ethanol   64-17-5   111   9,4   11   0.94     Ethylbenzene   100-41-4   3   0.87   0.48   J   0.87     Ethyl Acetate   141-78-6   ND   0.72   ND   0.72     Ethyl Acetate   141-78-6   ND   0.72   ND   0.72     Ethyl Hopene   142-82-5   2.3   0.82   ND   0.82     Freon 114   76-14-2   ND   1.4   ND   1.5     Freon 114   76-14-2   ND   1.4   ND   1.5     Hexanne   142-82-5   2.3   0.82   ND   0.82     Lexandrobutadiene   87-68-3   ND   2.1   ND   0.49     Hexanne   110-54-3   4.6   0.7   0.56   J   0.7     2-Hexanne   591-78-6   ND   0.49   ND   0.49     Methylene chloride   75-09-2   1.4   0.69   0.56   J   0.69     Methyl sobutyl Ketone   115-07-1   4.5   0.86   0.84   J   0.86     Styrene   100-42-5   ND   1.4   ND   1.1     1,1,2-Trichloroethane   79-34-5   ND   1.5   ND   1.5     1,2,4-Trinethylbenzene   120-82-1   ND   1.5   1.5     1,2,4-Trinethylbenzene   120-82-1   ND   1.5   1.5     1,2,4-Trinethylbenzene   120-82-1   ND   1.5   0.98   0.79   J   0.98	,							
1,4-Dioxane	-,							
Dichlorodifluoromethane	/ 1							
Dibromochloromethane	,							
trans-1,2-Dichloroethylene         156-60-5         ND         0.79         ND         0.79           cis-1,2-Dichloroethylene         156-59-2         4         0.79         ND         0.79           cis-1,3-Dichloroppropene         10061-01-5         ND         0.91         ND         0.91           m-Dichlorobenzene         541-73-1         ND         1.2         ND         1.2           o-Dichlorobenzene         106-46-7         1.3         1.2         ND         1.2           p-Dichlorobenzene         106-46-7         1.3         1.2         ND         1.2           p-Dichlorobenzene         10061-02-6         ND         0.91         ND         0.91           Ethanol         64-17-5         111         9.4         11         0.94           Ethyl Acetate         140-41-4         3         0.87         0.48         J         0.87           Ethyl Acetate         141-78-6         ND         0.72         ND         0.72         ND         0.72           4-Ethyltoluene         622-96-8         1.9         0.98         ND         0.98         ND         0.98           Freon 113         76-13-1         1.4         J         1.5         N								
cis-1,2-Dichloroethylene         156-59-2         4         0.79         ND         0.79           cis-1,3-Dichloropropene         10061-01-5         ND         0.91         ND         0.91           m-Dichlorobenzene         541-73-1         ND         1.2         ND         1.2           o-Dichlorobenzene         95-50-1         ND         1.2         ND         1.2           p-Dichlorobenzene         106-46-7         1.3         1.2         ND         1.2           p-Dichloropropene         10061-02-6         ND         0.91         ND         0.91           Ethanol         64-17-5         111         9.4         11         0.94           Ethylene         100-41-4         3         0.87         0.48         J         0.87           Ethyl Acetate         141-78-6         ND         0.72         ND         0.72           4-Ethyltoluene         622-96-8         1.9         0.98         ND         0.98           Freon 113         76-13-1         1.4         J         1.5         ND         1.5           Freon 114         76-14-2         ND         1.4         ND         0.82         ND         0.82           Hexachloro								
cis-1,3-Dichioropropene         10061-01-5         ND         0.91         ND         0.91           m-Dichlorobenzene         541-73-1         ND         1.2         ND         1.2           o-Dichlorobenzene         95-50-1         ND         1.2         ND         1.2           p-Dichlorobenzene         106-46-7         1.3         1.2         ND         1.2           trans-1,3-Dichloropropene         100-61-02-6         ND         0.91         ND         0.91           Ethanol         64-17-5         111         9.4         11         0.94           Ethyl Acetate         100-41-4         3         0.87         0.48         J         0.87           Ethyl Acetate         141-78-6         ND         0.72         ND         0.72         ND         0.72           4-Ethyltoluene         622-96-8         1.9         0.98         ND         0.98           Freon 113         76-13-1         1.4         J         1.5         ND         1.5           Freon 114         76-14-2         ND         1.4         ND         1.4         ND         1.4           Heyane         142-82-5         2.3         0.82         ND         0.82	,							
m-Dichlorobenzene         541-73-1         ND         1.2         ND         1.2           o-Dichlorobenzene         95-50-1         ND         1.2         ND         1.2           p-Dichlorobenzene         106-46-7         1.3         1.2         ND         1.2           trans-1,3-Dichloropropene         10061-02-6         ND         0.91         ND         0.91           Ethanol         64-17-5         111         9.4         11         0.94           Ethyl Acetate         140-41-4         3         0.87         0.48         J         0.87           Ethyl Acetate         141-78-6         ND         0.72         ND         0.72         AD         0.72           4-Ethyltoluene         622-96-8         1.9         0.98         ND         0.98           Freon 113         76-13-1         1.4         J         1.5         ND         1.5           Freon 114         76-13-1         1.4         J         1.5         ND         1.4         ND         1.4           Heyachlorobutadiene         87-68-3         ND         2.1         ND         2.1         ND         2.1           Hexance         110-54-3         4.6         0.7	,							
o-Dichlorobenzene         95-50-1         ND         1.2         ND         1.2           p-Dichlorobenzene         106-46-7         1.3         1.2         ND         1.2           trans-1,3-Dichloropropene         10061-02-6         ND         0.91         ND         0.91           Ethanol         64-17-5         111         9.4         11         0.94           Ethylenore         100-41-4         3         0.87         0.48         J         0.87           Ethyl Acetate         141-78-6         ND         0.72         ND         0.72           4-Ethyl Iouene         622-96-8         1.9         0.98         ND         0.98           Freon 113         76-13-1         1.4         J         1.5         ND         1.5           Freon 114         76-14-2         ND         1.4         ND         1.4         Heptane         142-82-5         2.3         0.82         ND         0.82           Hexachlorobutadiene         87-68-3         ND         2.1         ND         2.1         ND         1.4           Hexane         110-54-3         4.6         0.7         0.56         J         0.7           2-Hexanone         591-78								
Description			_					
trans-1,3-Dichloropropene         10061-02-6         ND         0.91         ND         0.91           Ethanol         64-17-5         111         9.4         11         0.94           Ethylbenzene         100-41-4         3         0.87         0.48         J         0.87           Ethyl Acetate         141-78-6         ND         0.72         ND         0.72           4-Ethyltoluene         622-96-8         1.9         0.98         ND         0.98           Freon 113         76-13-1         1.4         J         1.5         ND         1.5           Freon 114         76-14-2         ND         1.4         ND         1.4           Heytane         142-82-5         2.3         0.82         ND         0.82           Hexane         110-54-3         4.6         0.7         0.56         J         0.7           2-Hexanone         591-78-6         ND         0.82         ND         0.82         ND         0.82           Isopropyl Alcohol         67-63-0         ND         0.49         ND         0.49         ND         0.49           Methyl ethyl ketone         78-93-3         2.8         0.59         2.7         0.59								
Ethanol         64-17-5         111         9.4         11         0.94           Ethylbenzene         100-41-4         3         0.87         0.48         J         0.87           Ethyl Acetate         141-78-6         ND         0.72         ND         0.72           4-Ethyltoluene         622-96-8         1.9         0.98         ND         0.98           Freon 113         76-13-1         1.4         J         1.5         ND         1.5           Freon 114         76-14-2         ND         1.4         ND         1.4         ND         1.5           Heyane         142-82-5         2.3         0.82         ND         0.82           Hexachlorobutadiene         87-68-3         ND         2.1         ND         0.82           Hexane         110-54-3         4.6         0.7         0.56         J         0.7           2-Hexanone         591-78-6         ND         0.82         ND         0.82           Isopropyl Alcohol         67-63-0         ND         0.49         ND         0.49           Methylene chloride         75-09-2         1.4         0.69         0.56         J         0.69           Methy								
Ethylbenzene         100-41-4         3         0.87         0.48         J         0.87           Ethyl Acetate         141-78-6         ND         0.72         ND         0.72           4-Ethyltoluene         622-96-8         1.9         0.98         ND         0.98           Freon 113         76-13-1         1.4         J         1.5         ND         1.5           Freon 114         76-14-2         ND         1.4         ND         1.4         ND         1.5           Heptane         142-82-5         2.3         0.82         ND         0.82         ND         0.82           Hexachlorobutadiene         87-68-3         ND         2.1         ND         2.1           Hexane         110-54-3         4.6         0.7         0.56         J         0.7           2-Hexanone         591-78-6         ND         0.82         ND         0.82           Isopropyl Alcohol         67-63-0         ND         0.49         ND         0.49           Methylene chloride         75-09-2         1.4         0.69         0.56         J         0.69           Methyl ketone         78-93-3         2.8         0.59         2.7	, ,							
Ethyl Acetate         141-78-6         ND         0.72         ND         0.72           4-Ethyltoluene         622-96-8         1.9         0.98         ND         0.98           Freon 113         76-13-1         1.4         J         1.5         ND         1.5           Freon 114         76-14-2         ND         1.4         ND         1.4           Heptane         142-82-5         2.3         0.82         ND         0.82           Hexachlorobutadiene         87-68-3         ND         2.1         ND         2.1           Hexane         110-54-3         4.6         0.7         0.56         J         0.7           2-Hexanone         591-78-6         ND         0.82         ND         0.82           Isopropyl Alcohol         67-63-0         ND         0.49         ND         0.49           Methylene chloride         75-09-2         1.4         0.69         0.56         J         0.69           Methyl tetyl ketone         78-93-3         2.8         0.59         2.7         0.59           Methyl Tert Butyl Ether         1634-04-4         ND         0.82         ND         0.82           Propylene         115-07-1			_					
4-Ethyltoluene         622-96-8         1.9         0.98         ND         0.98           Freon 113         76-13-1         1.4         J         1.5         ND         1.5           Freon 114         76-14-2         ND         1.4         ND         1.4           Heptane         142-82-5         2.3         0.82         ND         0.82           Hexachlorobutadiene         87-68-3         ND         2.1         ND         2.1           Hexane         110-54-3         4.6         0.7         0.56         J         0.7           2-Hexanone         591-78-6         ND         0.82         ND         0.82           Sopropyl Alcohol         67-63-0         ND         0.49         ND         0.49           Methylene chloride         75-09-2         1.4         0.69         0.56         J         0.69           Methyl sketone         78-93-3         2.8         0.59         2.7         0.59           Methyl Tert Butyl Ether         1634-04-4         ND         0.82         ND         0.82           Propylene         115-07-1         4.5         0.86         0.84         J         0.86           Styrene         10-	· ·						J	
Freon 113         76-13-1         1.4         J         1.5         ND         1.5           Freon 114         76-14-2         ND         1.4         ND         1.4           Heptane         142-82-5         2.3         0.82         ND         0.82           Hexachlorobutadiene         87-68-3         ND         2.1         ND         0.82           Hexane         110-54-3         4.6         0.7         0.56         J         0.7           2-Hexanone         591-78-6         ND         0.82         ND         0.82           Isopropyl Alcohol         67-63-0         ND         0.49         ND         0.49           Methylene chloride         75-09-2         1.4         0.69         0.56         J         0.69           Methyl ketone         78-93-3         2.8         0.59         2.7         0.59           Methyl Tert Butyl Ether         1634-04-4         ND         0.82         ND         0.82           Methyl Tert Butyl Ether         1634-04-4         ND         0.72         ND         0.72           Propylene         115-07-1         4.5         0.86         0.84         J         0.86           Styrene								
Freon 114         76-14-2         ND         1.4         ND         1.4           Heptane         142-82-5         2.3         0.82         ND         0.82           Hexachlorobutadiene         87-68-3         ND         2.1         ND         0.82           Hexane         110-54-3         4.6         0.7         0.56         J         0.7           2-Hexanone         591-78-6         ND         0.82         ND         0.82           Isopropyl Alcohol         67-63-0         ND         0.49         ND         0.49           Methylene chloride         75-09-2         1.4         0.69         0.56         J         0.69           Methyl sketone         78-93-3         2.8         0.59         2.7         0.59           Methyl Isobutyl Ketone         108-10-1         ND         0.82         ND         0.82           Methyl Tert Butyl Ether         1634-04-4         ND         0.72         ND         0.72           Propylene         115-07-1         4.5         0.86         0.84         J         0.86           Styrene         100-42-5         ND         0.85         ND         0.85           1,1,1-Trichloroethane <th< th=""><th>, i</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>	, i							
Heptane				J			1	
Hexachlorobutadiene				1				
Hexane	•			+ -				
2-Hexanone         591-78-6         ND         0.82         ND         0.82           Isopropyl Alcohol         67-63-0         ND         0.49         ND         0.49           Methylene chloride         75-09-2         1.4         0.69         0.56         J         0.69           Methyl ethyl ketone         78-93-3         2.8         0.59         2.7         0.59           Methyl Isobutyl Ketone         108-10-1         ND         0.82         ND         0.82           Methyl Tert Butyl Ether         1634-04-4         ND         0.72         ND         0.72           Propylene         115-07-1         4.5         0.86         0.84         J         0.86           Styrene         100-42-5         ND         0.85         ND         0.85           1,1,1-Trichloroethane         11-55-6         ND         1.1         ND         1.1           1,1,2,2-Tetrachloroethane         79-34-5         ND         1.4         ND         1.4           1,1,2-Trichloroethane         79-00-5         ND         1.1         ND         1.1           1,2,4-Trichlorobenzene         120-82-1         ND         1.5         ND         1.5           1,2,4-Trimet				+				
Stopropyl Alcohol   67-63-0   ND   0.49   ND   0.49		110-54-3		1			J	
Methylene chloride         75-09-2         1.4         0.69         0.56         J         0.69           Methyl ethyl ketone         78-93-3         2.8         0.59         2.7         0.59           Methyl Isobutyl Ketone         108-10-1         ND         0.82         ND         0.82           Methyl Tert Butyl Ether         1634-04-4         ND         0.72         ND         0.72           Propylene         115-07-1         4.5         0.86         0.84         J         0.86           Styrene         100-42-5         ND         0.85         ND         0.85           1,1,1-Trichloroethane         11-55-6         ND         1.1         ND         1.1           1,1,2-Tertrachloroethane         79-34-5         ND         1.4         ND         1.4           1,1,2-Trichloroethane         79-00-5         ND         1.1         ND         1.1           1,2,4-Trichlorobenzene         120-82-1         ND         1.5         ND         1.5           1,2,4-Trimethylbenzene         95-63-6         7.4         0.98         0.79         J         0.98				+			1	
Methyl ethyl ketone         78-93-3         2.8         0.59         2.7         0.59           Methyl Isobutyl Ketone         108-10-1         ND         0.82         ND         0.82           Methyl Tert Butyl Ether         1634-04-4         ND         0.72         ND         0.72           Propylene         115-07-1         4.5         0.86         0.84         J         0.86           Styrene         100-42-5         ND         0.85         ND         0.85           1,1,1-Trichloroethane         11-55-6         ND         1.1         ND         1.1           1,1,2,2-Tetrachloroethane         79-34-5         ND         1.4         ND         1.4           1,1,2-Trichloroethane         79-00-5         ND         1.1         ND         1.1           1,2,4-Trichlorobenzene         120-82-1         ND         1.5         ND         1.5           1,2,4-Trimethylbenzene         95-63-6         7.4         0.98         0.79         J         0.98	1 11		_	1			т	
Methyl Isobutyl Ketone         108-10-1         ND         0.82         ND         0.82           Methyl Tert Butyl Ether         1634-04-4         ND         0.72         ND         0.72           Propylene         115-07-1         4.5         0.86         0.84         J         0.86           Styrene         100-42-5         ND         0.85         ND         0.85           1,1-Trichloroethane         11-55-6         ND         1.1         ND         1.1           1,1,2-Tertrachloroethane         79-34-5         ND         1.4         ND         1.4           1,1,2-Trichloroethane         79-00-5         ND         1.1         ND         1.1           1,2,4-Trichlorobenzene         120-82-1         ND         1.5         ND         1.5           1,2,4-Trimethylbenzene         95-63-6         7.4         0.98         0.79         J         0.98				1			J	
Methyl Tert Butyl Ether         1634-04-4         ND         0.72         ND         0.72           Propylene         115-07-1         4.5         0.86         0.84         J         0.86           Styrene         100-42-5         ND         0.85         ND         0.85           1,1-Trichloroethane         11-55-6         ND         1.1         ND         1.1           1,1,2-Tetrachloroethane         79-34-5         ND         1.4         ND         1.4           1,1,2-Trichloroethane         79-00-5         ND         1.1         ND         1.1           1,2,4-Trichlorobenzene         120-82-1         ND         1.5         ND         1.5           1,2,4-Trimethylbenzene         95-63-6         7.4         0.98         0.79         J         0.98				+ -			+	
Propylene         115-07-1         4.5         0.86         0.84         J         0.86           Styrene         100-42-5         ND         0.85         ND         0.85           1,1,1-Trichloroethane         11-55-6         ND         1.1         ND         1.1           1,1,2,2-Tetrachloroethane         79-34-5         ND         1.4         ND         1.4           1,1,2-Trichloroethane         79-00-5         ND         1.1         ND         1.1           1,2,4-Trichlorobenzene         120-82-1         ND         1.5         ND         1.5           1,2,4-Trimethylbenzene         95-63-6         7.4         0.98         0.79         J         0.98	· ·		_	+ -			-	
Styrene         100-42-5         ND         0.85         ND         0.85           1,1,1-Trichloroethane         11-55-6         ND         1.1         ND         1.1           1,1,2,2-Tetrachloroethane         79-34-5         ND         1.4         ND         1.4           1,1,2-Trichloroethane         79-00-5         ND         1.1         ND         1.1           1,2,4-Trichlorobenzene         120-82-1         ND         1.5         ND         1.5           1,2,4-Trimethylbenzene         95-63-6         7.4         0.98         0.79         J         0.98	<u> </u>			+			т	
1,1,1-Trichloroethane       11-55-6       ND       1.1       ND       1.1         1,1,2,2-Tetrachloroethane       79-34-5       ND       1.4       ND       1.4         1,1,2-Trichloroethane       79-00-5       ND       1.1       ND       1.1         1,2,4-Trichlorobenzene       120-82-1       ND       1.5       ND       1.5         1,2,4-Trimethylbenzene       95-63-6       7.4       0.98       0.79       J       0.98	10			+ -			J	
1,1,2,2-Tetrachloroethane         79-34-5         ND         1.4         ND         1.4           1,1,2-Trichloroethane         79-00-5         ND         1.1         ND         1.1           1,2,4-Trichlorobenzene         120-82-1         ND         1.5         ND         1.5           1,2,4-Trimethylbenzene         95-63-6         7.4         0.98         0.79         J         0.98				+			1	
1,1,2-Trichloroethane         79-00-5         ND         1.1         ND         1.1           1,2,4-Trichlorobenzene         120-82-1         ND         1.5         ND         1.5           1,2,4-Trimethylbenzene         95-63-6         7.4         0.98         0.79         J         0.98				+ -				
1,2,4-Trichlorobenzene         120-82-1         ND         1.5         ND         1.5           1,2,4-Trimethylbenzene         95-63-6         7.4         0.98         0.79         J         0.98	,,,			-				
<b>1,2,4-Trimethylbenzene 95-63-6</b> 7.4 0.98 0.79 J 0.98				1				
	, ,							
	1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene	95-63-6 108-67-8	7.4	1	0.98	0.79 ND	J	0.98

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Table 3-1: Summary of Previously Conducted Indoor Air Testing - Validated Results

TAPASH SAMPLE DESIG		BASEME	NT	DRY CLEANER				
SAMPLE LOCATION	SAMPLE LOCATION			NTRAL SUMP	FIRST FLOOR WORK AREA			
SAMPLING DAT		8/12/09	)	8/12/09				
Compound	CAS No.	Result	Qual.	RL	Result	Qual.	RL	
2,2,4-Trimethylpentane	540-84-1	5.1		0.93	0.75	J	0.93	
Tertiary Butyl Alcohol	75-65-0	0.45	J	0.61	ND		0.61	
Tetrachloroethylene	127-18-4	868		2.7	159		0.27	
Tetrahydrofuran	109-99-9	ND		0.59	ND		0.59	
Toluene	108-88-3	14		0.75	2.1		0.75	
Trichloroethylene	79-01-6	18		0.21	2.6		0.21	
Trichlorofluoromethane	75-69-4	4.2		1.1	1.6		1.1	
Vinyl chloride	75-01-4	0.31	J	0.51	ND		0.51	
Vinyl Acetate	108-05-4	ND		0.7	ND		0.7	
m,p-Xylene		11		0.87	1.4		0.87	
o-Xylene	95-47-6	4.1		0.87	0.61	J	0.87	
Xylenes (total)	1330-20-7	15		0.87	2		0.87	

#### **Notes:**

Sampling conducted by Tapash, Hammonton, NY.

Results in ug/m3. RL - Reporting limit.

ND - Not detected.
J - Estimated concentration.

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Table 3-2: Summary of Previously Conducted Indoor Air Testing - Detected Compounds

TAPASH SAMPLE DESIG	BASEM	ENT	DRY CLEANER			
SAMPLE LOCATION	ON	ADJACEN	OT TO	FIRST FLOOR		
SAMPLING DATI	E	8/12/0	)9	8/12/	09	
Compound	CAS No.	Result	Qual.	Result	Qual.	
Acetone	67-64-1	54.4		19		
Benzene	71-43-2	4.8		0.61	J	
Carbon disulfide	75-15-0	1.1		ND		
Chlorobenzene	108-90-7	8.8		ND		
Chloroform	67-66-3	0.59	J	ND		
Chloromethane	74-87-3	1.8		1.2		
Carbon tetrachloride	56-23-5	0.69	J	ND		
Cyclohexane	110-82-7	1.2		ND		
Dichlorodifluoromethane	75-71-8	3.5		2.8		
cis-1,2-Dichloroethylene	156-59-2	4		ND		
p-Dichlorobenzene	106-46-7	1.3		ND		
Ethanol	64-17-5	111		11		
Ethylbenzene	100-41-4	3		0.48	J	
4-Ethyltoluene	622-96-8	1.9		ND		
Freon 113	76-13-1	1.4	J	ND		
Heptane	142-82-5	2.3		ND		
Hexane	110-54-3	4.6		0.56	J	
Methylene chloride	75-09-2	1.4		0.56	J	
Methyl ethyl ketone	78-93-3	2.8		2.7		
Propylene	115-07-1	4.5		0.84	J	
1,2,4-Trimethylbenzene	95-63-6	7.4		0.79	J	
1,3,5-Trimethy lbenzene	108-67-8	2.4		ND		
2,2,4-Trimethylpentane	540-84-1	5.1		0.75	J	
Tertiary Butyl Alcohol	75-65-0	0.45	J	ND		
Tetrachloroethylene	127-18-4	868		159		
Toluene	108-88-3	14		2.1		
Trichloroethylene	79-01-6	18		2.6		
Trichlorofluoromethane	75-69-4	4.2		1.6		
Vinyl chloride	75-01-4	0.31	J	ND		
m,p-Xylene		11		1.4		
o-Xylene	95-47-6	4.1		0.61	J	
Xylenes (total)	1330-20-7	15		2		
Total VOCs		1165		211		

#### **Notes:**

Sampling conducted by Tapash, Hammonton, NY.

Results in ug/m3.

**RL** - Reporting limit.

ND - Not detected.

J - Estimated concentration.

Table 3-3: Summary of Previously Conducted Indoor Air Testing - PCE and Related VOCs

SAMPLE DESIGNATION	BASEMENT	DRY CLEANER
	ADJACENT TO	FIRST FLOOR WORK
SAMPLE LOCATION	CENTRAL SUMP	AREA
Tetrachloroethylene	868	159
Trichloroethylene	18	2.6
cis-1,2-Dichloroethylene	4	ND<0.79
trans-1,2-Dichloroethylene	ND<0.79	ND<0.79
1,1-Dichloroethylene	ND<0.79	ND<0.79
Vinyl chloride	0.31J	ND<0.51

#### **Notes:**

Sampling conducted on 8/12/09 by Tapash, Hammonton, NY.

Results in ug/m3.

ND - Not detected.

J - Estimated concentration.

Table 3-4: Summary of Previously Conducted Sub-Slab Soil Vapor Testing - Validated Results

TAPASH SAMPLE DESIG	SSV-8			SSV-8a			SSV-9			
SAMPLE LOCATI	NY SPORTS OUT.			NY SPOR	rc inch	DF	FRONT SIDEWALK			
SAMPLING DAT	2/15/10			2/15/10	19 11/911	DE	2/15/10			
Compound	CAS No.	Result	Qual.	RL	Result	Qual.	RL	Result	Oual.	RL
Acetone	67-64-1	13	Quun	0.48	145	Quin	1.9	41.1	Quita	0.48
1.3-Butadiene	106-99-0	ND		0.44	ND		0.44	ND		0.44
Benzene	71-43-2	2.2		0.64	1.2		0.64	0.96		0.64
Bromodichloromethane	75-27-4	ND		1.3	ND		1.3	ND		1.3
Bromoform	75-25-2	ND		2.1	ND		2.1	ND		2.1
Bromomethane	74-83-9	ND		0.78	ND	1	0.78	ND		0.78
Bromoethene	593-60-2	ND		0.87	ND	1	0.87	ND		0.87
Benzyl Chloride	100-44-7	ND		1	ND	1	1	ND		1
Carbon disulfide	75-15-0	5.3		0.62	0.72		0.62	2.3		0.62
Chlorobenzene	108-90-7	ND		0.92	ND		0.92	ND		0.92
Chloroethane	75-00-3	1.4		0.53	ND		0.53	ND		0.53
Chloroform	67-66-3	50.8		0.98	5.4		0.98	5.9		0.98
Chloromethane	74-87-3	0.33	J	0.41	0.66		0.41	2.5		0.41
3-Chloropropene	107-05-1	ND	,	0.63	ND		0.41	ND		0.63
2-Chlorotoluene	95-49-8	ND		1	ND		1	ND		1
Carbon tetrachloride	56-23-5	23		1.3	ND		1.3	ND		1.3
Cyclohexane	110-82-7	ND		0.69	ND	1	0.69	ND		0.69
1,1-Dichloroethane	75-34-3	ND		0.81	ND	1	0.81	ND		0.81
1.1-Dichloroethylene	75-35-4	ND		0.79	ND		0.79	ND		0.79
1.2-Dibromoethane	106-93-4	ND		1.5	ND		1.5	ND		1.5
1.2-Dichloroethane	107-06-2	ND		0.81	ND		0.81	ND		0.81
1,2-Dichloropropane	78-87-5	ND		0.92	ND		0.92	ND		0.92
1,4-Dioxane	123-91-1	ND		0.72	ND		0.72	ND		0.72
Dichlorodifluoromethane	75-71-8	2.9		0.99	2.7		0.99	2.9		0.99
Dibromochloromethane	124-48-1	ND		1.7	ND		1.7	ND		1.7
trans-1,2-Dichloroethylene	156-60-5	ND		0.79	ND		0.79	ND		0.79
cis-1,2-Dichloroethylene	156-59-2	3.5		0.79	ND		0.79	ND		0.79
cis-1,3-Dichloropropene	10061-01-5	ND		0.91	ND		0.91	ND		0.91
m-Dichlorobenzene	541-73-1	ND		1.2	ND		1.2	ND		1.2
o-Dichlorobenzene	95-50-1	ND		1.2	ND		1.2	ND		1.2
p-Dichlorobenzene	106-46-7	ND		1.2	ND		1.2	ND		1.2
trans-1,3-Dichloropropene	10061-02-6	ND		0.91	ND		0.91	ND		0.91
Ethanol	64-17-5	4.1		0.94	1630	J	3.8	22.6		0.94
Ethylbenzene	100-41-4	3.5		0.87	5.2		0.87	2.3		0.87
Ethyl Acetate	141-78-6	ND		0.72	ND		0.72	ND		0.72
4-Ethyholuene	622-96-8	1.3		0.98	1.8		0.98	ND		0.98
Freon 113	76-13-1	ND		1.5	ND		1.5	ND		1.5
Freon 114	76-14-2	ND		1.4	ND		1.4	ND		1.4
Heptane	142-82-5	2		0.82	1.7		0.82	0.78	J	0.82
Hexachlorobutadiene	87-68-3	ND		2.1	ND	1	2.1	ND		2.1
Hexane	110-54-3	1.4		0.7	1.2		0.7	1.1		0.7
2-Hexanone	591-78-6	ND		0.82	ND		0.82	0.86		0.82
Isopropyl Alcohol	67-63-0	146	J	0.49	457	J	2	82.3		0.49
Methylene chloride Methyl ethyl ketone	75-09-2 78-93-3	0.66	J	0.69	0.73		0.69	ND 4.1		0.69
Methyl Isobutyl Ketone	108-10-1	2.3 ND		0.59	9.1	1	0.59	4.1 ND		0.59 0.82
Methyl Tert Butyl Ether	1634-04-4	ND ND		0.82	ND	1	0.82	0.47	J	0.82
Propylene	115-07-1	2.7		0.72	ND	1	0.72	5.3	J	
Styrene	100-42-5	ND		0.85	0.77	J	0.86	ND	1	0.86
1,1,1-Trichloroethane	71-55-6	ND ND		1.1	ND	1	1.1	ND ND	1	1.1
1,1,2,2-Tetrachloroethane	79-34-5	ND ND		1.1	ND ND	1	1.1	ND ND		1.1
1,1,2,2-1 etrachioroethane	79-34-5	ND ND		1.4	ND ND	1	1.4	ND ND		1.4
1,1,2-1 richioroethane 1,2,4-Trichlorobenzene	120-82-1	ND ND		1.1	ND ND	1	1.1	ND ND		1.1
1,2,4-Trimethylbenzene	95-63-6	4.9		0.98	6.4	1	0.98	1.7		0.98
1,3,5-Trimethylbenzene	108-67-8	1.7		0.98	2.2	1	0.98	0.69	J	0.98
1,5,5-11 illiethylbenzene	100-07-0	1./	<u> </u>	0.98	2.2	1	0.98	0.09	J	0.98

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Table 3-4: Summary of Previously Conducted Sub-Slab Soil Vapor Testing - Validated Results

TAPASH SAMPLE DESIG	GNATION	SSV-8			SSV-8a			SSV-9		
SAMPLE LOCATI	ON	NY SPORT	S OUT.		NY SPORT	S INSI	DE	FRONT SI	DEWAI	LK
SAMPLING DAT	E	2/15/10			2/15/10			2/15/10		
Compound	CAS No.	Result	Qual.	RL	Result	Qual.	RL	Result	Qual.	RL
2,2,4-Trimethylpentane	540-84-1	ND		0.93	6.1		0.93	0.93		0.93
Tertiary Butyl Alcohol	75-65-0	6.4		0.61	8.8		0.61	3.3		0.61
Tetrachloroethylene	127-18-4	142		0.27	155		0.27	78		0.27
Tetrahydrofuran	109-99-9	ND		0.59	0.97		0.59	ND		0.59
Toluene	108-88-3	8.3		0.75	11		0.75	3.8		0.75
Trichloroethylene	79-01-6	13		0.21	2.3		0.21	0.75		0.21
Trichlorofluoromethane	75-69-4	1.5		1.1	1.5		1.1	1.6		1.1
Vinyl chloride	75-01-4	ND		0.51	ND		0.51	ND		0.51
Vinyl Acetate	108-05-4	ND		0.7	ND		0.7	ND		0.7
m,p-Xylene		9.1		0.87	12		0.87	4.8		0.87
o-Xylene	95-47-6	4.3		0.87	5.6		0.87	2.4		0.87
Xylenes (total)	1330-20-7	13		0.87	18		0.87	7.4		0.87

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Table 3-4: Summary of Previously Conducted Sub-Slab Soil Vapor Testing - Validated Results

TAPASH SAMPLE DESIG	GNATION	SSV-10			SSV-12			
SAMPLE LOCATI		HARTSDA	LE LIOI	IOR	ACCESS ROAD			
SAMPLING DAT		2/15/10	DIVI LL	OI	2/15/10	. O. ID		
Compound	CAS No.	Result	Qual.	RL	Result	Qual.	RL	
Acetone	67-64-1	380	Quan	4.8	570	Quui	4.8	
1.3-Butadiene	106-99-0	ND		0.44	ND		0.44	
Benzene	71-43-2	2.5		0.64	1.9		0.64	
Bromodichloromethane	75-27-4	ND		1.3	ND		1.3	
Bromoform	75-25-2	ND		2.1	ND		2.1	
Bromomethane	74-83-9	ND		0.78	ND		0.78	
Bromoethene	593-60-2	ND		0.87	ND		0.87	
Benzyl Chloride	100-44-7	ND		1	ND		1	
Carbon disulfide	75-15-0	1.7		0.62	0.69		0.62	
Chlorobenzene	108-90-7	ND		0.92	ND		0.92	
Chloroethane	75-00-3	ND		0.53	ND		0.53	
Chloroform	67-66-3	ND		0.98	ND		0.98	
Chloromethane	74-87-3	1.5		0.41	1.1		0.41	
3-Chloropropene	107-05-1	ND		0.63	ND		0.63	
2-Chlorotoluene	95-49-8	ND		1	ND		1	
Carbon tetrachloride	56-23-5	ND		1.3	ND		1.3	
Cyclohexane	110-82-7	1		0.69	0.76		0.69	
1,1-Dichloroethane	75-34-3	ND		0.81	ND		0.81	
1,1-Dichloroethylene	75-35-4	ND		0.79	ND		0.79	
1,2-Dibromoethane	106-93-4	ND		1.5	ND		1.5	
1,2-Dichloroethane	107-06-2	ND		0.81	ND		0.81	
1,2-Dichloropropane	78-87-5	ND		0.92	ND		0.92	
1,4-Dioxane	123-91-1	ND		0.72	ND		0.72	
Dichlorodifluoromethane	75-71-8	3		0.99	2.8		0.99	
Dibromochloromethane	124-48-1	ND		1.7	ND		1.7	
trans-1,2-Dichloroethylene	156-60-5	0.63	J	0.79	4.8		0.79	
cis-1,2-Dichloroethylene	156-59-2	0.63	J	0.79	ND		0.79	
cis-1,3-Dichloropropene	10061-01-5	ND		0.91	ND		0.91	
m-Dichlorobenzene	541-73-1	ND		1.2	ND		1.2	
o-Dichlorobenzene	95-50-1	ND		1.2	ND		1.2	
p-Dichlorobenzene	106-46-7	ND		1.2	ND		1.2	
trans-1,3-Dichloropropene	10061-02-6	ND		0.91	ND		0.91	
Ethanol	64-17-5	10		0.94	4.9		0.94	
Ethylbenzene	100-41-4	12		0.87	28		0.87	
Ethyl Acetate	141-78-6	ND		0.72	ND		0.72	
4-Ethyholuene	622-96-8	9.3		0.98	15		0.98	
Freon 113	76-13-1	ND		1.5	ND		1.5	
Freon 114	76-14-2	ND		1.4	ND		1.4	
Heptane	142-82-5	4.1		0.82	1.1		0.82	
Hexachlorobutadiene	87-68-3	ND		2.1	ND		2.1	
Hexane	110-54-3	2.2		0.7	1.3		0.7	
2-Hexanone	591-78-6	5.7		0.82	ND		0.82	
Isopropyl Alcohol	67-63-0	332		4.9	23		0.49	
Methylene chloride	75-09-2	2.5		0.69	0.73		0.69	
Methyl ethyl ketone	78-93-3	49.3		0.59	5.9		0.59	
Methyl Isobutyl Ketone	108-10-1	3.9		0.82	ND	-	0.82	
Methyl Tert Butyl Ether	1634-04-4	0.58	J	0.72	0.65	J	0.72	
Propylene	115-07-1	2.2	,	0.86	22.8		0.86	
Styrene	100-42-5	0.81	J	0.85	ND		0.85	
1,1,1-Trichloroethane	71-55-6	ND		1.1	ND	<b> </b>	1.1	
1,1,2,2-Tetrachloroethane	79-34-5	ND		1.4	ND		1.4	
1,1,2-Trichloroethane	79-00-5	ND		1.1	ND		1.1	
1,2,4-Trichlorobenzene	120-82-1	ND 10		1.5	ND 21		1.5	
1,2,4-Trimethylbenzene	95-63-6	19		0.98	21	<u> </u>	0.98	
1,3,5-Trimethylbenzene	108-67-8	9.3		0.98	12		0.98	

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Table 3-4: Summary of Previously Conducted Sub-Slab Soil Vapor Testing - Validated Results

TAPASH SAMPLE DESI	GNATION	SSV-10			SSV-12		
SAMPLE LOCAT	ION	HARTSDA	LE LIQ	UOR	ACCESS F	ROAD	
SAMPLING DA'	ГЕ	2/15/10			2/15/10		
Compound	CAS No.	Result	Qual.	RL	Result	Qual.	RL
2,2,4-Trimethylpentane	540-84-1	1.9		0.93	ND		0.93
Tertiary Butyl Alcohol	75-65-0	11		0.61	2.4		0.61
Tetrachloroethylene	127-18-4	11		0.27	193		0.27
Tetrahydrofuran	109-99-9	2.2		0.59	ND		0.59
Toluene	108-88-3	21		0.75	6.8		0.75
Trichloroethylene	79-01-6	4.1		0.21	27		0.21
Trichlorofluoromethane	75-69-4	1.5		1.1	1.4		1.1
Vinyl chloride	75-01-4	ND		0.51	1.6		0.51
Vinyl Acetate	108-05-4	ND		0.7	ND		0.7
m,p-Xylene		38		0.87	90.3		0.87
o-Xylene	95-47-6	15		0.87	27		0.87
Xylenes (total)	1330-20-7	53		0.87	117		0.87

#### **Notes:**

Sampling conducted by Tapash, Hammonton, NY.

Results in ug/m3.
RL - Reporting limit.
ND - Not detected.

J - Estimated concentration.

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 $\textbf{Table 3-5: Summary of Previously Conducted Sub-Slab Soil Vapor Testing - Detected Compounds to the property of the propert$ 

TAPASH SAMPLE DESIG	GNATION	SSV-8		SSV-8a		SSV-9		SSV-10		SSV-12	
SAMPLE LOCATI	ON	NY SPORTS	S OUT.	NY SPORT	'S INSIDE	FRONT SI	DEWALK	HARTSDA	LE LIQUOR	ACCESS	ROAD
SAMPLING DAT	E	2/15/10		2/15/10		2/15/10		2/15/10		2/15/10	
Compound	CAS No.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Acetone	67-64-1	13		145		41.1		380		570	
Benzene	71-43-2	2.2		1.2		0.96		2.5		1.9	
Carbon disulfide	75-15-0	5.3		0.72		2.3		1.7		0.69	
Chloroform	67-66-3	50.8		5.4		5.9		ND		ND	
Chloromethane	74-87-3	0.33	J	0.66		2.5		1.5		1.1	
Carbon tetrachloride	56-23-5	23		ND		ND		ND		ND	
Cyclohexane	110-82-7	ND		ND		ND		1		0.76	
Dichlorodifluoromethane	75-71-8	2.9		2.7		2.9		3		2.8	
trans-1,2-Dichloroethylene	156-60-5	ND		ND		ND		0.63	J	4.8	
cis-1,2-Dichloroethylene	156-59-2	3.5		ND		ND		0.63	J	ND	
Ethanol	64-17-5	4.1		1630	J	22.6		10		4.9	
Ethylbenzene	100-41-4	3.5		5.2		2.3		12		28	
4-Ethyholuene	622-96-8	1.3		1.8		ND		9.3		15	
Heptane	142-82-5	2		1.7		0.78	J	4.1		1.1	
Hexane	110-54-3	1.4		1.2		1.1		2.2		1.3	
2-Hexanone	591-78-6	ND		ND		0.86		5.7		ND	
Isopropyl Alcohol	67-63-0	146	J	457	J	82.3		332		23	
Methylene chloride	75-09-2	0.66	J	0.73		ND		2.5		0.73	
Methyl ethyl ketone	78-93-3	2.3		9.1		4.1		49.3		5.9	
Methyl Isobutyl Ketone	108-10-1	ND		2.7		ND		3.9		ND	
Methyl Tert Butyl Ether	1634-04-4	ND		ND		0.47	J	0.58	J	0.65	J
Propylene	115-07-1	2.7		ND		5.3		2.2		22.8	
Styrene	100-42-5	ND		0.77	J	ND		0.81	J	ND	
1,2,4-Trimethylbenzene	95-63-6	4.9		6.4		1.7		19		21	
1,3,5-Trimethylbenzene	108-67-8	1.7		2.2		0.69	J	9.3		12	
2,2,4-Trimethylpentane	540-84-1	ND		6.1		0.93		1.9		ND	
Tertiary Butyl Alcohol	75-65-0	6.4		8.8		3.3		11		2.4	
Tetrachloroethylene	127-18-4	142		155		78		11		193	
Tetrahydrofuran	109-99-9	ND		0.97		ND		2.2		ND	
Toluene	108-88-3	8.3		11		3.8		21		6.8	
Trichloroethylene	79-01-6	13		2.3		0.75		4.1		27	
Trichlorofluoromethane	75-69-4	1.5		1.5		1.6		1.5		1.4	
Vinyl chloride	75-01-4	ND		ND		ND		ND		1.6	
m,p-Xylene		9.1		12		4.8		38		90.3	
o-Xylene	95-47-6	4.3		5.6		2.4		15		27	
Xylenes (total)	1330-20-7	13		18		7.4		53		117	
Total VOCs		469		2496		281		1013		1185	

Sampling conducted by Tapash, Hammonton, NY.

Results in ug/m3. RL - Reporting limit. ND - Not detected.

J - Estimated concentration.

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Table 3-6: Summary of Previously Conducted Sub-Slab Soil Vapor Testing - PCE and Related VOCs

SAMPLE DESIGNATION	SSV-8	SSV-8a	SSV-9	SSV-10	SSV-12
	NY SPORTS	NY SPORTS	FRONT	HARTSDALE	ACCESS
SAMPLE LOCATION	OUT.	INSIDE	SIDEWALK	LIQUOR	ROAD
Tetrachloroethylene	142	155	78	11	193
Trichloroethylene	13	2.3	0.75	4.1	27
cis-1,2-Dichloroethylene	3.5	ND<0.79	ND<0.79	0.63J	ND<0.79
trans-1,2-Dichloroethylene	ND<0.79	ND<0.79	ND<0.79	0.63J	4.8
1,1-Dichloroethylene	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<0.79
Vinyl chloride	ND<0.51	ND<0.51	ND<0.51	ND<0.51	1.6

#### Notes:

Sampling conducted on 2/15/10 by Tapash, Hammonton, NY.

Results in ug/m3.

ND - Not detected.

J - Estimated concentration.

Table 4-1: Summary of Phase I Surveying Results

				LONGITUDE	LATITUDE
Location	ELEV. (ft msl)	LONGITUDE	LATITUDE	(decimal degrees)	(decimal degrees)
MW-1	169.15	-073°47'47.4040"	41°00'42.9037"	-73.796501	41.011918
MW-2	162.70	-073°47'46.8658"	41°00'42.7810"	-73.796352	41.011884
MW-3	162.54	-073°47'47.1924"	41°00'42.8987"	-73.796442	41.011916
MW-4	162.74	-073°47'46.8810"	41°00'42.8889"	-73.796356	41.011914
MW-5	169.50	-073°47'47.1757"	41°00'42.3519"	-73.796438	41.011764
MW-6	162.88	-073°47'46.7708"	41°00'42.7831"	-73.796325	41.011884
MW-7	162.87	-073°47'46.4106"	41°00'42.8477"	-73.796225	41.011902
SSV-2	162.40	-073°47'46.8680"	41°00'42.7979"	-73.796352	41.011888
SUMP 1	162.34	-073°47'46.8769"	41°00'42.7524"	-73.796355	41.011876
SUMP 3	162.21	-073°47'47.2315"	41°00'42.9037"	-73.796453	41.011918

Notes:

ZONE: 3101 - New York East State Plane Position, Elevations are in NAVD 88.

**Survey Date 10/11/11.** 

Surveying Conducted by Gabriel E. Senor, P.C., Hartsdale, New York

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Table 4-2: Summary of Phase I Soil Sampling - Validated Results

LOCATION		SS-1		SB-101 (1)		SSV-2	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-07		L1116534-09		L1116534-08	
General Chemistry	NY-UNRES	Result	Qual	Result	Qual	Result	Qual
Solids, Total (%)	NA	82		82		76	
Total Metals	NY-UNRES	Result	Qual	Result	Qual	Result	Qual
Aluminum, Total	NA NA	12000	Quai	16000	Quai	13000	Quan
Antimony, Total	NA	1.8	UJ	2.2	UJ	2.1	UJ
Arsenic, Total	13	2.6		3.3		3.4	
Barium, Total	350	96		110		73	
Beryllium, Total	7.2	0.37	J	0.48		0.38	J
Cadmium, Total	2.5	0.06	U	0.06	U	0.06	U
Calcium, Total	NA	2500	J	3200	J	4300	J
Chromium, Total	NA	19		24		20	
Cobalt, Total	NA	6.5		8.4		7.7	
Copper, Total	50	30	J	36	J	28	J
Iron, Total	NA	17000		20000		18000	
Lead, Total	63	45	J	48	J	23	J
Magnesium, Total	NA	3300	J	4600	J	3800	J
Manganese, Total	1600	150	J	180	J	250	J
Mercury, Total	0.18	0.35	J	0.32	J	0.36	J
Nickel, Total	30	14		18		15	
Potassium, Total	NA	1400		1900		1500	
Selenium, Total	3.9	1.5	U	1	J	1.4	J
Silver, Total	2	0.15	U	0.15	U	0.17	U
Sodium, Total	NA	200		180		220	
Thallium, Total	NA	0.57	U	0.57	U	0.63	U
Vanadium, Total	NA	26		33		29	
Zinc, Total	109	120		150		180	

#### **Notes:**

All results in mg/kg unless otherwise noted.

- (1) Duplicate of SS-1.
- U Compound was not detected relative to the indicated limit.
- J Estimated value.
- NA Not applicable, no criteria provided.

NY-UNRES - 6NYCRR Part 375 - Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.

Analysis conducted by Alpha Analytical, Westborough, MA.

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Table 4-2: Summary of Phase I Soil Sampling - Validated Results

LOCATION		SS-1		SB-101 (1)		SSV-2	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-07		L1116534-09		L1116534-08	
Volatile Organics	NY-UNRES	Result	Qual	Result	Qual	Result	Qual
1,1,1,2-Tetrachloroethane	NA	0.003	U	0.003	U	0.016	U
1.1.1-Trichloroethane	0.68	0.003	U	0.003	U	0.016	U
1,1,2,2-Tetrachloroethane	NA	0.003	U	0.003	U	0.016	U
1,1,2-Trichloroethane	NA	0.0046	U	0.0046	U	0.025	U
1,1-Dichloroethane	0.27	0.0046	U	0.0046	U	0.025	U
1,1-Dichloroethene	0.33	0.003	U	0.003	U	0.016	U
1,1-Dichloropropene	NA	0.015	U	0.015	U	0.082	U
1,2,3-Trichlorobenzene	NA	0.015	U	0.015	U	0.082	U
1,2,3-Trichloropropane	NA	0.03	U	0.03	U	0.16	U
1,2,4,5-Tetramethylbenzene	NA	0.012	U	0.012	U	0.066	U
1,2,4-Trichlorobenzene	NA	0.015	U	0.015	U	0.082	U
1,2,4-Trimethylbenzene	3.6	0.015	U	0.015	U	0.082	U
1,2-Dibromo-3-chloropropane	NA	0.015	U	0.015	U	0.082	U
1,2-Dibromoethane	NA	0.012	U	0.012	U	0.066	U
1,2-Dichlorobenzene	1.1	0.015	U	0.015	U	0.082	U
1,2-Dichloroethane	0.02	0.003	U	0.003	U	0.016	U
1,2-Dichloropropane	NA	0.011	U	0.011	U	0.058	U
1,3,5-Trimethylbenzene	8.4	0.015	U	0.015	U	0.082	U
1,3-Dichlorobenzene	2.4	0.015	U	0.015	U	0.082	U
1,3-Dichloropropane	NA	0.015	U	0.015	U	0.082	U
1,4-Dichlorobenzene	1.8	0.015	U	0.015	U	0.082	U
1,4-Diethylbenzene	NA	0.012	U	0.012	U	0.066	U
2,2-Dichloropropane	NA	0.015	U	0.015	U	0.082	U
2-Butanone	0.12	0.03	U	0.03	U	0.16	U
2-Hexanone	NA	0.03	UJ	0.03	UJ	0.16	U
4-Ethyltoluene	NA	0.012	U	0.012	U	0.066	U
4-Methyl-2-pentanone	NA	0.03	U	0.03	U	0.16	U
Acetone	0.05	0.03	U	0.03	U	0.16	U
Acrylonitrile	NA	0.03	UJ	0.03	UJ	0.16	U
Benzene	0.06	0.003	U	0.003	U	0.016	U
Bromobenzene	NA	0.015	U	0.015	U	0.082	U
Bromochloromethane	NA	0.015	U	0.015	U	0.082	U
Bromodichloromethane	NA	0.003	U	0.003	U	0.016	U
Bromoform	NA	0.012	U	0.012	U	0.066	U
Bromomethane	NA	0.0061	U	0.0061	U	0.033	U
Carbon disulfide	NA	0.03	UJ	0.03	UJ	0.16	UJ
Carbon tetrachloride	0.76	0.003	U	0.003	U	0.016	U
Chlorobenzene	1.1	0.003	U	0.003	U	0.016	U
Chloroethane	NA	0.0061	U	0.0061	U	0.033	U
Chloroform	0.37	0.0046	U	0.0046	U	0.025	U
Chloromethane	NA	0.015	U	0.015	U	0.082	U
cis-1,2-Dichloroethene	0.25	0.088	J	0.0083	J	0.016	U
cis-1,3-Dichloropropene	NA	0.003	U	0.003	U	0.016	U
Dibromochloromethane	NA	0.003	U	0.003	U	0.016	U
Dibromomethane	NA	0.03	U	0.03	U	0.16	U

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Table 4-2: Summary of Phase I Soil Sampling - Validated Results

LOCATION		SS-1		SB-101 (1)		SSV-2	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-07		L1116534-09		L1116534-08	
Volatile Organics	NY-UNRES	Result	Qual	Result	Qual	Result	Qual
Dichlorodifluoromethane	NA	0.03	UJ	0.03	UJ	0.16	UJ
Ethyl ether	NA	0.015	U	0.015	U	0.082	U
Ethylbenzene	1	0.003	U	0.003	U	0.016	U
Hexachlorobutadiene	NA	0.015	U	0.015	U	0.082	U
Isopropylbenzene	NA	0.003	U	0.003	U	0.016	U
Methyl tert butyl ether	0.93	0.0061	U	0.0061	U	0.033	U
Methylene chloride	0.05	0.03	U	0.03	U	0.16	U
n-Butylbenzene	12	0.003	U	0.003	U	0.016	U
n-Propylbenzene	3.9	0.003	U	0.003	U	0.016	U
Naphthalene	12	0.015	U	0.015	U	0.082	U
o-Chlorotoluene	NA	0.015	U	0.015	U	0.082	U
o-Xylene	NA	0.0061	U	0.0061	U	0.033	U
p-Chlorotoluene	NA	0.015	U	0.015	U	0.082	U
p-Isopropyltoluene	NA	0.003	U	0.003	U	0.016	U
p/m-Xylene	NA	0.0061	U	0.0061	U	0.033	U
sec-Butylbenzene	11	0.003	U	0.003	U	0.016	U
Styrene	NA	0.0061	U	0.0061	U	0.033	U
tert-Butylbenzene	5.9	0.015	U	0.015	U	0.082	U
Tetrachloroethene	1.3	0.64		0.22		1.3	
Toluene	0.7	0.0046	U	0.0046	U	0.025	U
trans-1,2-Dichloroethene	0.19	0.0024	J	0.0046	U	0.025	U
trans-1,3-Dichloropropene	NA	0.003	U	0.003	U	0.016	U
trans-1,4-Dichloro-2-butene	NA	0.015	U	0.015	U	0.082	U
Trichloroethene	0.47	0.003	U	0.003	U	0.016	U
Trichlorofluoromethane	NA	0.015	U	0.015	U	0.082	UJ
Vinyl acetate	NA	0.03	U	0.03	U	0.16	U
Vinyl chloride	0.02	0.0061	U	0.0061	U	0.033	U
Tentatively Identified Compounds (TICS)	NA			0	U		
Cyclohexane, 2-butyl-1,1,3 TIC (14.746)		0.088	J				
Decahydro-4,4,8,9,10-pentam - TIC (16.312)		0.49	J				
Unknown - TIC (14.152)		0.052	J				
Unknown - TIC (14.419)		0.1	J				
Unknown - TIC (14.621)		0.059	J				
Unknown - TIC (14.845)		0.054	J				
Unknown - TIC (15.237)		0.34	J				
Unknown - TIC (16.018)		0.85	J				
Unknown - TIC (16.203)		0.1	J				
Unknown - TIC (16.913)		0.56	J				
Unknown - TIC (2.72)						0.052	J
Unknown - TIC (3.108)						0.042	J

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Table 4-2: Summary of Phase I Soil Sampling - Validated Results

**Airstocrat Cleaners** 

212 E. Hartsdale Ave., Hartsdale, NY

BCA Site #C360111

LOCATION		SS-1		SB-101 (1)		SSV-2	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-07		L1116534-09		L1116534-08	
Volatile Organics	NY-UNRES	Result	Qual	Result	Qual	Result	Qual

#### **Notes:**

All results in mg/kg unless otherwise noted.

- (1) Duplicate of SS-1.
- U Compound was not detected relative to the indicated limit.
- J Estimated value.
- NA Not applicable, no criteria provided.

NY-UNRES - 6NYCRR Part 375 - Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.

Analysis conducted by Alpha Analytical, Westborough, MA.

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Table 4-2: Summary of Phase I Soil Sampling - Validated Results

<u></u>				I			
LOCATION		SS-1		SB-101 (1)		SSV-2	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-07	T	L1116534-09		L1116534-08	T
Semivolatile Organics	NY-UNRES	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	NA	0.2	U	0.2	U	0.22	U
1,2,4-Trichlorobenzene	NA	0.2	U	0.2	U	0.22	U
1,2-Dichlorobenzene	1.1	0.2	U	0.2	U	0.22	U
1,3-Dichlorobenzene	2.4	0.2	U	0.2	U	0.22	U
1,4-Dichlorobenzene	1.8	0.2	U	0.2	U	0.22	U
2,4,5-Trichlorophenol	NA	0.2	U	0.2	U	0.22	U
2,4,6-Trichlorophenol	NA	0.12	U	0.12	U	0.13	U
2,4-Dichlorophenol	NA	0.18	U	0.18	U	0.2	U
2,4-Dimethylphenol	NA	0.2	U	0.2	U	0.22	U
2,4-Dinitrophenol	NA	0.97	U	0.97	U	1	U
2,4-Dinitrotoluene	NA	0.2	U	0.2	U	0.22	U
2,6-Dinitrotoluene	NA	0.2	U	0.2	U	0.22	U
2-Chloronaphthalene	NA	0.2	U	0.2	U	0.22	U
2-Chlorophenol	NA	0.2	U	0.2	U	0.22	U
2-Methylnaphthalene	NA	0.24	U	0.12	J	0.26	U
2-Methylphenol	0.33	0.2	U	0.2	U	0.22	U
2-Nitroaniline	NA	0.2	U	0.2	U	0.22	U
2-Nitrophenol	NA	0.44	U	0.44	U	0.47	U
3,3'-Dichlorobenzidine	NA	0.2	U	0.2	U	0.22	U
3-Methylphenol/4-Methylphenol	0.33	0.29	U	0.29	U	0.32	U
3-Nitroaniline	NA	0.2	U	0.2	U	0.22	U
4,6-Dinitro-o-cresol	NA	0.52	U	0.52	U	0.57	U
4-Bromophenyl phenyl ether	NA	0.2	U	0.2	U	0.22	U
4-Chloroaniline	NA	0.2	U	0.2	U	0.22	U
4-Chlorophenyl phenyl ether	NA	0.2	U	0.2	U	0.22	U
4-Nitroaniline	NA	0.2	U	0.2	U	0.22	U
4-Nitrophenol	NA	0.28	U	0.28	U	0.31	U
Acenaphthene	20	0.16	U	0.16	U	0.18	U
Acenaphthylene	100	0.16	U	0.16	U	0.18	U
Acetophenone	NA	0.2	U	0.2	U	0.22	U
Anthracene	100	0.12	U	0.039	J	0.076	J
Benzo(a)anthracene	1	0.054	J	0.47	J	0.69	
Benzo(a)pyrene	1	0.1	J	0.5	J	0.62	
Benzo(b)fluoranthene	1	0.069	J	0.57	J	0.77	
Benzo(ghi)perylene	100	0.16	U	0.3		0.34	
Benzo(k)fluoranthene	0.8	0.12	U	0.16		0.25	
Benzoic Acid	NA	0.65	U	0.66	U	0.71	U
Benzyl Alcohol	NA	0.2	U	0.2	U	0.22	U
Biphenyl	NA	0.46	U	0.46	U	0.5	U
Bis(2-chloroethoxy)methane	NA	0.22	U	0.22	U	0.24	U
Bis(2-chloroethyl)ether	NA	0.18	U	0.18	U	0.2	U
Bis(2-chloroisopropyl)ether	NA	0.24	UJ	0.24	UJ	0.26	UJ
Bis(2-Ethylhexyl)phthalate	NA	0.2	U	0.2	U	0.22	U
Butyl benzyl phthalate	NA	0.2	U	0.2	U	0.22	U
Carbazole	NA	0.2	U	0.2	U	0.22	U

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Table 4-2: Summary of Phase I Soil Sampling - Validated Results

LOCATION		SS-1		SB-101 (1)		SSV-2	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-07		L1116534-09		L1116534-08	
Semivolatile Organics	NY-UNRES	Result	Qual	Result	Qual	Result	Qual
Chrysene	1	0.063	J	0.44		0.6	
Di-n-butylphthalate	NA	0.2	U	0.2	U	0.22	U
Di-n-octylphthalate	NA	0.2	U	0.2	U	0.22	U
Dibenzo(a,h)anthracene	0.33	0.12	U	0.081	J	0.12	J
Dibenzofuran	7	0.2	U	0.2	U	0.22	U
Diethyl phthalate	NA	0.2	U	0.2	U	0.22	U
Dimethyl phthalate	NA	0.2	U	0.2	U	0.22	U
Fluoranthene	100	0.063	J	0.52	J	1.1	
Fluorene	30	0.2	U	0.2	U	0.22	U
Hexachlorobenzene	0.33	0.12	U	0.12	U	0.13	U
Hexachlorobutadiene	NA	0.2	U	0.2	U	0.22	U
Hexachlorocyclopentadiene	NA	0.58	U	0.58	U	0.63	U
Hexachloroethane	NA	0.16	U	0.16	U	0.18	U
Indeno(1,2,3-cd)Pyrene	0.5	0.078	J	0.29	J	0.32	
Isophorone	NA	0.18	U	0.18	U	0.2	U
n-Nitrosodi-n-propylamine	NA	0.2	U	0.2	U	0.22	U
Naphthalene	12	0.2	U	0.082	J	0.22	U
Nitrobenzene	NA	0.18	U	0.18	U	0.2	U
NitrosoDiPhenylAmine(NDPA)/DPA	NA	0.16	U	0.16	U	0.18	U
P-Chloro-M-Cresol	NA	0.2	U	0.2	U	0.22	U
Pentachlorophenol	0.8	0.16	U	0.16	U	0.18	U
Phenanthrene	100	0.12	U	0.11	J	0.23	
Phenol	0.33	0.2	U	0.2	U	0.22	U
Pyrene	100	0.078	J	0.5	J	1	
<b>Tentatively Identified Compounds (TICS)</b>	NA						
Unknown - TIC (1.302)				0.29	J		
Unknown - TIC (1.548)				0.24	J		
Unknown - TIC (1.655)		0.63	J	0.66	J	0.38	J
Unknown - TIC (10.074)		0.17	J				
Unknown PAH - TIC (7.859)				0.16	J		

#### Notes

All results in mg/kg unless otherwise noted.

- (1) Duplicate of SS-1.
- U Compound was not detected relative to the indicated limit.
- J Estimated value.
- NA Not applicable, no criteria provided.

NY-UNRES - 6NYCRR Part 375 - Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.

Analysis conducted by Alpha Analytical, Westborough, MA.

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Table 4-2: Summary of Phase I Soil Sampling - Validated Results

LOCATION		SS-1		SB-101 (1)		SSV-2	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-07		L1116534-09		L1116534-08	
Polychlorinated Biphenyls	NY-UNRES	Result	Qual	Result	Qual	Result	Qual
Aroclor 1016	0.1	0.0401	U	0.0401	U	0.0436	U
Aroclor 1221	0.1	0.0401	U	0.0401	U	0.0436	U
Aroclor 1232	0.1	0.0401	U	0.0401	U	0.0436	U
Aroclor 1242	0.1	0.0401	U	0.0401	U	0.0436	U
Aroclor 1248	0.1	0.0401	U	0.0401	U	0.0436	U
Aroclor 1254	0.1	0.0401	U	0.0401	U	0.0436	U
Aroclor 1260	0.1	0.0401	U	0.0401	U	0.0436	U

#### **Notes:**

All results in mg/kg unless otherwise noted.

- (1) Duplicate of SS-1.
- U Compound was not detected relative to the indicated limit.
- J Estimated value.
- NA Not applicable, no criteria provided.
- NY-UNRES 6NYCRR Part 375 Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.

Analysis conducted by Alpha Analytical, Westborough, MA.

Table 4-2: Summary of Phase I Soil Sampling - Validated Results

LOCATION		SS-1		SB-101 (1)		SSV-2	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-07		L1116534-09		L1116534-08	
Organochlorine Pesticides	NY-UNRES	Result	Qual	Result	Qual	Result	Qual
4,4'-DDD	0.0033	0.0104		0.0246		0.0134	
4,4'-DDE	0.0033	0.011		0.00741		0.0194	
4,4'-DDT	0.0033	0.0186		0.00994		0.0141	
Aldrin	0.005	0.00192	U	0.00193	U	0.00205	U
Alpha-BHC	0.02	0.000802	U	0.000805	U	0.000854	U
Beta-BHC	0.036	0.00192	U	0.00193	U	0.00205	U
Chlordane	NA	0.0156	U	0.0157	U	0.0166	U
Delta-BHC	0.04	0.00192	U	0.00193	U	0.00205	U
Dieldrin	0.005	0.0012	U	0.00121	U	0.00128	U
Endosulfan I	2.4	0.00192	U	0.00193	U	0.00205	U
Endosulfan II	2.4	0.00192	U	0.00193	U	0.00205	U
Endosulfan sulfate	2.4	0.00122	J	0.000805	U	0.000854	U
Endrin	0.014	0.000914	J	0.000805	U	0.000854	U
Endrin ketone	NA	0.00192	U	0.00193	U	0.00205	U
Heptachlor	0.042	0.000962	U	0.000966	U	0.00102	U
Heptachlor epoxide	NA	0.00186	J	0.00362	U	0.00384	U
Lindane	0.1	0.000802	U	0.000805	U	0.000854	U
Methoxychlor	NA	0.00361	U	0.00362	U	0.00384	U
Toxaphene	NA	0.0361	U	0.0362	U	0.0384	U
trans-Chlordane	NA	0.0024	U	0.00241	U	0.00256	U

#### Notes:

All results in mg/kg unless otherwise noted.

- (1) Duplicate of SS-1.
- $\boldsymbol{U}$  Compound was not detected relative to the indicated limit.
- J Estimated value.
- NA Not applicable, no criteria provided.
- NY-UNRES 6NYCRR Part 375 Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.

Analysis conducted by Alpha Analytical, Westborough, MA.

Table 4-3: Summary of Phase I Soil Sampling - PCE and Related VOCs

LOCATION		SS-1	SB-101 (1)	SSV-2
Volatile Organics	NY-UNRES	Result	Result	Result
Tetrachloroethene	1.3	0.64	0.22	1.3
Trichloroethene	0.47	0.003 U	0.003 U	0.016 U
cis-1,2-Dichloroethene	0.25	0.088 J	0.0083 J	0.016 U
trans-1,2-Dichloroethene	0.19	0.0024 J	0.0046 U	0.025 U
1,1-Dichloroethene	0.33	0.003 U	0.003 U	0.016 U
Vinyl chloride	0.02	0.0061 U	0.0061 U	0.033 U

#### **Notes:**

Sampling conducted on October 11, 2011.

All results in mg/kg.

(1) - Duplicate of SS-1.

U - Compound was not detected relative to the indicated limit.

J - Estimated value.

NY-UNRES - 6NYCRR Part 375 - Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.

**Table 4-4: Summary of Groundwater Elevation Measurements** 

WELL NO.		MW-1			MW-2			MW-3			MW-4			MW-5			MW-6			MW-7	
LOCATION		Outdoor		1	Basemen	t	1	Basemen	t	1	Basemen	t		Outdoor			Basemen	f	1	Basement	
BOREHOLE DIAMETER (in.)		2			2			2	•	-	2			2			2		· ·	2	
CASING/SCREEN DIAMETER (in.)		1			1			1			1			1			1			1	-
TOTAL WELL DEPTH (ft.)		18.5			10.5			10.5			10.5			18.5			10.5			10.5	-
SCREEN INTERVAL (ft.)		8.5 - 18.5	5		0.5 - 10.5	;		0.5 - 10.5	;		0.5 - 10.5	5		8.5 - 18.5	;		0.5 - 10.5	5		0.5 - 10.5	
MP ELEVATION (ft./msl.)		169.15			162.70			162.54			162.71			169.50			162.88			162.87	
			i i						i i												
SAMPLING DATE	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV									
8/12/2008 (1)	9.40	0.00	159.75	0.50	0.00	162.20	0.50	0.00	162.04	0.50	0.00	162.21	10.25	0.00	159.25	0.50	0.00	162.38	0.50	0.00	162.37
10/11/11	8.70	0.00	160.45	1.33	0.00	161.37	1.85	0.00	160.69	2.29	0.00	160.42	9.47	0.00	160.03	2.69	0.00	160.19	2.59	0.00	160.28
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#### Notes:

MP - Top of casing measuring point.

DTW - Depth to water below measuring point (ft.).

FP - Free product thickness (ft.).

ELEV - Groundwater elevation (ft./msl).

(1) - Measurements recorded by Tapash, Hammonton, NY.

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Table 4-5: Summary of Phase I Groundwater Sampling Field Parameters

WELL NO	).	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7
SAMPLING D	ATE	10/11/2011	10/11/2011	10/11/2011	10/11/2011	10/11/2011	10/11/2011	10/11/2011
FIELD PARAMETER	UNITS				RESULTS (1)			
Turbidity	NTU	NS	5.28	12.7	NS	NS	NS	8.73
Specific Conductance	uS/cm	NS	655	641	NS	NS	NS	1046
pН	standard units	NS	11.7	9.1	NS	NS	NS	9.1
Eh (ORP)	mV	NS	-81.5	-89.5	NS	NS	NS	-102.1
Temperature	°C	NS	22.19	20.38	NS	NS	NS	21.11
Dissolved Oxygen	mg/l	NS	1.53	0.49	NS	NS	NS	5.04

#### **Notes:**

NS - Well was not sampled.

(1) - Measurements represent final set taken prior to sample collection.

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Table 4-6: Summary of Phase I Groundwater Sampling - Validated Results

Airstocrat Cleaners

212 E. Hartsdale Ave., Hartsdale, NY

BCA Site #C360111

LOCATION		MW-2	·	MW-101 (1)	·	MW-3	·	MW-7	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-01		L1116534-04		L1116534-02		L1116534-03	
Total Metals	NY-AWQS	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Aluminum, Total	NA	290		240		5400		1400	
Arsenic, Total	25	2	U	2	J	7	U	2	U
Barium, Total	1000	83		117		144		184	
Cadmium, Total	5	1	U	1	U	1	U	1	U
Calcium, Total	NA	63000		87000		110000		100000	
Chromium, Total	50	2	U	2	U	10		4	J
Cobalt, Total	NA	2	U	2	U	3	J	2	J
Copper, Total	200	7	J	5	U	27		6	J
Iron, Total	300	4100		6500		10000		1800	
Lead, Total	25	4	J	4	J	144		5	J
Magnesium, Total	35000	7300		10000		12000		36000	
Manganese, Total	300	617		900		901		183	
Mercury, Total	0.7	0.1	U	0.1	U	0.1	U	0.1	U
Nickel, Total	100	3	U	3	U	10	J	3	J
Potassium, Total	NA	5200		7300		11000		5700	
Selenium, Total	10	3	U	3	U	3	U	3	U
Silver, Total	50	2	U	2	U	2	U	2	U
Sodium, Total	20000	48000		68000		43000		98000	
Vanadium, Total	NA	2	U	2	U	13		3	J
Zinc, Total	2000	210		216		119		15	J

		FIELD BLANK	•	FIELD BLANK.			
LOCATION		1 (PUMP)		2 (AUGER)			
SAMPLING DATE		11-OCT-11		11-OCT-11			
LAB SAMPLE ID		L1116534-05		L1116534-10			
Total Metals	NY-AWQS	Result	Qual	Result	Qual		
Aluminum, Total	NA	20	U	20	U		
Arsenic, Total	25	3	J	2	U		
Barium, Total	1000	1	U	1	U		
Cadmium, Total	5	1	U	1	U		
Calcium, Total	NA	70	J	80	J		
Chromium, Total	50	2	U	2	U		
Cobalt, Total	NA	2	U	2	U		
Copper, Total	200	5	U	5	U		
Iron, Total	300	20	U	20	U		
Lead, Total	25	3	U	3	U		
Magnesium, Total	35000	50	U	50	U		
Manganese, Total	300	1	U	1	U		
Mercury, Total	0.7	0.1	U	0.1	U		
Nickel, Total	100	3	U	3	U		
Potassium, Total	NA	800	U	800	U		
Selenium, Total	10	3	U	3	U		
Silver, Total	50	2	U	2	U		
Sodium, Total	20000	800	U	800	U		
Vanadium, Total	NA	2	U	2	U		
Zinc, Total	2000	5	U	5	U		

#### Notes:

All results in ug/l.

(1) - Duplicate of MW-2.

U - Compound was not detected relative to the indicated limit.

J - Estimated value.

NA -  $Not\ applicable,$  no criteria provided.

NY-AWQS - New York State Ambient Water Quality Standard, TOGS 1.1.1.

 ${\bf Analysis\ conducted\ by\ Alpha\ Analytical,\ Westborough,\ MA.}$ 

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Table 4-6: Summary of Phase I Groundwater Sampling - Validated Results

LOCATION		MW-2		MW-101 (1)		MW-3		MW-7	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-01		L1116534-04		L1116534-02		L1116534-03	
Volatile Organics	NY-AWQS	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1,2-Tetrachloroethane	5	25	U	200	U	0.5	U	0.5	U
1,1,1-Trichloroethane	5	25	U	200	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	5	25	U	200	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	38	U	300	U	0.75	U	0.75	U
1,1-Dichloroethane	5	38	U	300	U	0.75	U	0.75	U
1,1-Dichloroethene	5	25	U	200	U	0.5	U	0.22	J
1,1-Dichloropropene	5	120	U	1000	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	120	U	1000	U	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	250	U	2000	U	5	U	5	U
1,2,4,5-Tetramethylbenzene	NA	100	U	800	U	3		2	U
1,2,4-Trichlorobenzene	5	120	UJ	1000	UJ	2.5	UJ	2.5	UJ
1,2,4-Trimethylbenzene	5	120	U	1000	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	120	U	1000	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	100	U	800	U	2	U	2	U
1,2-Dichlorobenzene	3	120	U	1000	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	25	U	200	U	0.5	U	0.5	U
1,2-Dichloropropane	1	88	U	700	U	1.8	U	1.8	U
1,3,5-Trimethylbenzene	5	120	U	1000	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	120	U	1000	U	2.5	U	2.5	U
1,3-Dichloropropane	5	120	U	1000	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	120	U	1000	U	2.5	U	2.5	U
1,4-Diethylbenzene	NA	100	U	800	U	13		0.34	J
2,2-Dichloropropane	5	120	U	1000	U	2.5	U	2.5	U
2-Butanone	50	250	U	2000	U	5	U	5	U
2-Hexanone	50	250	U	2000	U	5	U	5	U
4-Ethyltoluene	NA	100	U	800	U	2	U	2	U
4-Methyl-2-pentanone	NA To	250	U	2000	U	5	U	5	U
Acetone	50	250	U	2000	U	5	U	5	U
Acrylonitrile	5	250	U	2000	U	5	U	5	U
Benzene	5	25	U U	200	U	0.36	J U	0.5	U
Bromobenzene		120		1000		2.5		2.5	U
Bromochloromethane Bromodichloromethane	5 50	120 25	U U	1000 200	U	2.5 0.5	U U	2.5 0.5	U U
Bromoform	50	100	U	800	U	2	U	2	U
Bromomethane	5	50	UJ	400	UJ	1	UJ	1	UJ
Carbon disulfide	60	250	U	2000	U	5	U	5	U
Carbon distillide Carbon tetrachloride	5	250	U	2000	U	0.5	U	0.5	U
Chlorobenzene	5	25	U	200	U	0.5	U	0.5	U
Chloroethane	5	50	U	400	U	1	U	1	U
Chloroform	7	33	U	300	U	0.75	U	0.75	U
Chloromethane	NA	120	UJ	1000	UJ	2.5	UJ	2.5	UJ
cis-1,2-Dichloroethene	5	910	J	5500	J	9.9		160	29
cis-1,3-Dichloropropene	0.4	25	U	200	U	0.5	U	0.5	U
Dibromochloromethane	50	25	U	200	U	0.5	U	0.5	U
Dibromomethane	5	250	U	2000	U	5	U	5	U
Dichlorodifluoromethane	5	250	UJ	2000	UJ	5	UJ	5	UJ
Ethyl ether	NA NA	120	U	1000	U	2.5	U	2.5	U
Ethylbenzene	5	25	U	200	U	0.5	U	0.5	U
Hexachlorobutadiene	0.5	30	U	240	U	0.6	U	0.6	U
Isopropylbenzene	5	25	U	200	U	2.4		0.5	U
Methyl tert butyl ether	10	50	U	400	U	1	U	1	U
Methylene chloride	5	250	U	2000	U	5	U	5	U
n-Butylbenzene	5	25	U	200	U	2.6		0.5	U
n-Propylbenzene	5	25	U	200	U	2.8		0.5	U
Naphthalene	10	120	U	1000	U	3.8		2.5	U
o-Chlorotoluene	5	120	U	1000	U	2.5	U	2.5	U

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Table 4-6: Summary of Phase I Groundwater Sampling - Validated Results

LOCATION		MW-2		MW-101 (1)		MW-3		MW-7	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-01		L1116534-04		L1116534-02		L1116534-03	
Volatile Organics	NY-AWQS	Result	Qual	Result	Qual	Result	Qual	Result	Qual
o-Xylene	5	50	U	400	U	1	U	1	U
p-Chlorotoluene	5	120	U	1000	U	2.5	U	2.5	U
p-Isopropyltoluene	5	25	U	200	U	0.5	U	0.5	U
p/m-Xylene	5	50	U	400	U	1	U	1	U
sec-Butylbenzene	5	25	U	200	U	4.4		0.5	U
Styrene	5	50	U	400	U	1	U	1	U
tert-Butylbenzene	5	120	U	1000	U	0.38	J	2.5	U
Tetrachloroethene	5	2300	J	13000	J	3.8		98	
Toluene	5	38	U	300	U	0.75	U	0.75	U
trans-1,2-Dichloroethene	5	38	U	300	U	0.39	J	1.2	
trans-1,3-Dichloropropene	0.4	25	U	200	U	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	5	120	U	1000	U	2.5	U	2.5	U
Trichloroethene	5	860	J	4800	J	2		20	
Trichlorofluoromethane	5	120	U	1000	U	2.5	U	2.5	U
Vinyl acetate	NA	250	U	2000	U	5	U	5	U
Vinyl chloride	2	100	J	580	J	3.2		0.26	J
Tentatively Identified Compounds (TICS)	NA	0	U	0	U				
Naphthalene, 1-methyl TIC (21.739)	NA							1.3	J
Unknown - TIC (16.234)	NA					14	J		
Unknown - TIC (17.112)	NA					19	J		
Unknown - TIC (18.138)	NA					14	J		
Unknown - TIC (18.422)	NA					20	J		
Unknown - TIC (19.164)	NA					14	J		
Unknown - TIC (19.617)	NA					15	J		
Unknown - TIC (20.086)	NA			·		14	J	, <u>-</u>	
Unknown - TIC (20.517)	NA					13	J		
Unknown - TIC (21,117)	NA					10	J		
Unknown - TIC (21.739)	NA					12	J		

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Table 4-6: Summary of Phase I Groundwater Sampling - Validated Results

LOCATION		FIELD BLANK-1 (PUMP)		TRIP BLANK		FIELD BLANK 2 (AUGER)		TRIP BLANK	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-05		L1116534-06		L1116534-10		L1116534-11	
Volatile Organics	NY-AWQS	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	0.75	U	0.75	U	0.75	U	0.75	U
1,1-Dichloroethane	5	0.75	U	0.75	U	0.75	U	0.75	U
1,1-Dichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	5	U	5	U	5	U	5	U
1,2,4,5-Tetramethylbenzene	NA	2	U	2	U	2	U	2	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1.8	U	1.8	U	1.8	U	1.8	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Diethylbenzene	NA	2	U	2	U	2	U	2	U
2,2-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U
2-Butanone	50	5	U	5	U	5	U	5	U
2-Hexanone	50	5	U	5	U	5	U	5	U
4-Ethyltoluene	NA	2	U	2	U	2	U	2	U
4-Methyl-2-pentanone	NA	5	U	5	U	5	U	5	U
Acetone	50	5	U	5	U	5	U	5	U
Acrylonitrile	5	5	U	5	U	5	U	5	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U
Bromobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	50	2	U	2	U	2	U	2	U
Bromomethane	5	1	U	1	U	1	U	1	U
Carbon disulfide	60	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	5	1	U	1	U	1	U	1	U
Chloroform	7	0.3	J	0.75	U	0.24	J	0.75	U
Chloromethane	NA	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	5	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	5	5	UJ	5	UJ	5	U	5	U
Ethyl ether	NA	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	5	0.5	U	0.5	U	0.5	U	0.5	U
Hexachlorobutadiene	0.5	0.6	U	0.6	U	0.6	U	0.6	U
Isopropylbenzene	5	0.5	U	0.5	U	0.5	U	0.5	U
Methyl tert butyl ether	10	1	U	1	U	1	U	1	U
Methylene chloride	5	2.9	J	5	U	2.4	J	5	U
n-Butylbenzene	5	0.5	U	0.5	U	0.5	U	0.5	U
n-Propylbenzene	5	0.5	U	0.5	U	0.5	U	0.5	U
Naphthalene	10	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U

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Table 4-6: Summary of Phase I Groundwater Sampling - Validated Results

		FIELD BLANK-1				FIELD BLANK			
LOCATION		(PUMP)		TRIP BLANK		2 (AUGER)		TRIP BLANK	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-05		L1116534-06		L1116534-10		L1116534-11	
Volatile Organics	NY-AWQS	Result	Qual	Result	Qual	Result	Qual	Result	Qual
o-Xylene	5	1	U	1	U	1	U	1	U
p-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene	5	0.5	U	0.5	U	0.5	U	0.5	U
p/m-Xylene	5	1	U	1	U	1	U	1	U
sec-Butylbenzene	5	0.5	U	0.5	U	0.5	U	0.5	U
Styrene	5	1	U	1	U	1	U	1	U
tert-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Tetrachloroethene	5	0.5	U	0.5	U	0.28	J	0.5	U
Toluene	5	0.75	U	0.75	U	0.75	U	0.75	U
trans-1,2-Dichloroethene	5	0.75	U	0.75	U	0.75	U	0.75	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl acetate	NA	5	U	5	U	5	U	5	U
Vinyl chloride	2	1	U	1	U	1	U	1	U
Tentatively Identified Compounds (TICS)	NA	0	U	0	U	0	U	0	U
Naphthalene, 1-methyl TIC (21.739)	NA								
Unknown - TIC (16.234)	NA								
Unknown - TIC (17.112)	NA								
Unknown - TIC (18.138)	NA								
Unknown - TIC (18.422)	NA								
Unknown - TIC (19.164)	NA								
Unknown - TIC (19.617)	NA								
Unknown - TIC (20.086)	NA								
Unknown - TIC (20.517)	NA								
Unknown - TIC (21.117)	NA								
Unknown - TIC (21.739)	NA								

#### Notes:

All results in ug/l.

(1) - Duplicate of MW-2.

 $\boldsymbol{U}$  - Compound was not detected relative to the indicated limit.

J - Estimated value.

NA - Not applicable, no criteria provided.

 $\ensuremath{\mathrm{NY-AWQS}}$  - New York State Ambient Water Quality Standard, TOGS 1.1.1.

Analysis conducted by Alpha Analytical, Westborough, MA.

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Table 4-6: Summary of Phase I Groundwater Sampling - Validated Results

LOCATION		MW-2		MW-101 (1)		MW-3		MW-7		
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11		11-OCT-11		
LAB SAMPLE ID		L1116534-01		L1116534-04		L1116534-02		L1116534-03		
Semivolatile Organics	NY-AWQS	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	
1,2-Dichlorobenzene	3	2.8		2	U	2	U	2	U	
1,3-Dichlorobenzene	3	2	U	2	U	2	U	2	U	
1,4-Dichlorobenzene	3	2	U	2	U	2	U	2	U	
2,4,5-Trichlorophenol	NA	5	U	5	U	5	U	5	U	
2,4,6-Trichlorophenol	NA	5	U	5	U	5	U	5	U	
2,4-Dichlorophenol	1	5	U	5	U	5	U	5	U	
2,4-Dimethylphenol	50	5	U	5	U	5	U	5	U	
2,4-Dinitrophenol	10	20	U	20	U	20	U	20	U	
2,4-Dinitrotoluene	5	5	U	5	U	5	U	5	U	
2,6-Dinitrotoluene	5	5	U	5	U	5	U	5	U	
2-Chlorophenol	NA	2	U	2	U	2	U	2	U	
2-Methylphenol	NA	5	U	5	U	5	U	5	U	
2-Nitroaniline	5	5	U	5	U	5	U	5	U	
2-Nitrophenol	NA	10	U	10	U	10	U	10	U	
3,3'-Dichlorobenzidine	5	5	U	5	U	5	U	5	U	
3-Methylphenol/4-Methylphenol	NA	5	U	5	U	5	U	5	U	
3-Nitroaniline	5	5	U	5	U	5	U	5	U	
4,6-Dinitro-o-cresol	NA	10	U	10	U	10	U	10	U	
4-Bromophenyl phenyl ether	NA	2	U	2	U	2	U	2	U	
4-Chloroaniline	5	5	U	5	U	5	U	5	U	
4-Chlorophenyl phenyl ether	NA	2	U	2	U	2	U	2	U	
4-Nitroaniline	5	5	U	5	U	5	U	5	U	
4-Nitrophenol	NA	10	U	10	U	10	U	10	U	
Acetophenone	NA	5	U	5	U	5	U	5	U	
Benzoic Acid	NA	50	U	50	U	50	U	50	U	
Benzyl Alcohol	NA	2	U	2	U	2	U	2	U	
Biphenyl	NA	2	U	2	U	2	U	2	U	
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U	5	U	
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U	2	U	
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U	2	U	
Bis(2-Ethylhexyl)phthalate	5	3	U	1.6	J	3	U	3	U	
Butyl benzyl phthalate	50	5	U	5	U	5	U	5	U	
Carbazole	NA	2	U	2	U	2	U	2	U	
Di-n-butylphthalate	50	5	U	5	U	5	U	5	U	
Di-n-octylphthalate	50	5	U	5	U	5	U	5	U	
Dibenzofuran	NA	2	U	2	U	2	U	2	U	
Diethyl phthalate	50	1.4	J	5	U	5	U	5	U	
Dimethyl phthalate	50	5	U	5	U	5	U	5	U	
Hexachlorocyclopentadiene	5	20	U	20	U	20	U	20	U	
Isophorone	50	5	U	5		5	U	5	U	
n-Nitrosodi-n-propylamine	NA	5	U	5	U	5	U	5	U	
Nitrobenzene	0.4	2	U	2	U	2	U	2	U	
NitrosoDiPhenylAmine(NDPA)/DPA	50	2	U	2	U	2	U	2	U	
P-Chloro-M-Cresol	NA NA	2	U	2	U	2	U	2	U	
Phenol	1	5	U	5	U	5	U	5	U	
2-Chloronaphthalene	10	0.2	U	0.2	U	0.2	U	0.2	U	
2-Methylnaphthalene	NA NA	0.09	J	0.2	U	0.77		0.2	U	
Acenaphthene	20	0.1	J	0.2	U	3		0.2	U	
Acenaphthylene	NA NA	0.2	U	0.2	U	0.2	U	0.2	U	
Anthracene	50	0.2	U	0.2	U	0.5	Ť	0.2	U	
Benzo(a)anthracene	NA NA	0.2	U	0.2	U	0.24		0.2	U	
Benzo(a)pyrene	NA NA	0.2	U	0.2	U	0.24		0.2	U	
Benzo(b)fluoranthene	0.002	0.2	U	0.2	U	0.24	<u> </u>	0.2	U	
Benzo(ghi)perylene	NA	0.2	U	0.2	U	0.14	J	0.2	U	

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Table 4-6: Summary of Phase I Groundwater Sampling - Validated Results

LOCATION		MW-2		MW-101 (1)		MW-3		MW-7	
SAMPLING DATE		11-OCT-11 11-OCT-11		11-OCT-11		11-OCT-11			
LAB SAMPLE ID			L1116534-01		L1116534-04		L1116534-02		
Semivolatile Organics	NY-AWOS	Result	Qual	Result	Qual	Result	Qual	L1116534-03 Result	Qual
Benzo(k)fluoranthene	0.002	0.2	U	0.2	U	0.18	J	0.2	U
	0.002	0.2	U	0.2	U	0.18	J	0.2	U
Chrysene Dibenzo(a,h)anthracene	NA	0.2	U	0.2	U	0.25	U	0.2	U
Fluoranthene	50	0.2	U	0.2	U	0.73	U	0.2	U
Fluorene	50	0.08	J	0.2	U	4.2		0.2	U
Hexachlorobenzene	0.04	0.08	U	0.2	U	0.8	U	0.2	U
Hexachlorobutadiene		0.5	U	0.5	U	0.5	U	0.5	U
	0.5 5		U	***	U		U		U
Hexachloroethane		0.8	U	0.8	U	0.8	U	0.8	U
Indeno(1,2,3-cd)Pyrene	0.002	0.2	U	0.2	U	0.2	U	0.2	U
Naphthalene	10	0.22	**	0.2	-	0.62	**	0.2	U
Pentachlorophenol	1	0.8	U	0.8	U	0.8	U	0.8	_
Phenanthrene	50	0.2	U	0.2	U	2.5		0.2	U
Pyrene	50	0.2	U	0.2		1.4		0.2	U
Tentatively Identified Compounds (TICS)	NA	0	U					0	U
Unknown - TIC (2.397)	NA			18	J	22	J		
Unknown - TIC (2.637)	NA		U	18	J	21	J		
Unknown - TIC (5.613)	NA					15	J		
Unknown - TIC (7.392)	NA					14	J		
Unknown - TIC (8.3)	NA					8.2	J		
Unknown Alkane - TIC (7.99)	NA					11	J		
Unknown C13H12 Isomer - TIC (7.247)	NA					18	J		
Unknown C13H14 Isomer - TIC (6.943)	NA					9.6	J		
Unknown C13H14 Isomer - TIC (7.007)	NA					8.5	J		
Unknown C15H28 - TIC (6.473)	NA					8.2	J		
Unknown Substituted Alkane - TIC (7.349)	NA					17	J		
Unknown Subsituted Alkane - TIC (7.584)	NA					26	J		
Unknown Subsituted Naphthalene - TIC (5.901)	NA					21	J		
Unknown Subsituted Naphthalene - TIC (6.366)	NA					8.3	J		
Unknown Subsituted Naphthalene - TIC (6.43)	NA					14	J		
Unknown Subsituted Naphthalene - TIC (6.451)	NA					10	J		
Unknown Substituted Naphthalene - TIC (6.531)	NA					27	J		
Unknown Substituted Naphthalene - TIC (6.601)	NA					9.1	J		
Unknown Substituted Naphthalene - TIC (6.82)	NA					8.1	J		
Unknown Substituted Naphthalene - TIC (7.082)	NA					8	J		

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Table 4-6: Summary of Phase I Groundwater Sampling - Validated Results

		FIELD BLANK		FIELD BLANK-2	
LOCATION		1 (PUMP)		(AUGER)	
SAMPLING DATE		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-05		L1116534-10	
Semivolatile Organics	NV AWOS	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	NY-AWQS	10	U	10	U
* * *	5		U		U
1,2,4-Trichlorobenzene	5	5 2	U	5 2	U
1,2-Dichlorobenzene	3	2	U	2	U
1,3-Dichlorobenzene 1,4-Dichlorobenzene	3	2	U		U
,	3		U	2	U
2,4,5-Trichlorophenol	NA	5	U	5	U
2,4,6-Trichlorophenol	NA	5		5	
2,4-Dichlorophenol	1 70	5	U	5	U
2,4-Dimethylphenol	50	5	U	5	U
2,4-Dinitrophenol	10	20		20	
2,4-Dinitrotoluene	5	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U
2-Chlorophenol	NA	2	U	2	U
2-Methylphenol	NA	5	U	5	U
2-Nitroaniline	5	5	U	5	U
2-Nitrophenol	NA	10	U	10	U
3,3'-Dichlorobenzidine	5	5	U	5	U
3-Methylphenol/4-Methylphenol	NA	5	U	5	U
3-Nitroaniline	5	5	U	5	U
4,6-Dinitro-o-cresol	NA	10	U	10	U
4-Bromophenyl phenyl ether	NA	2	U	2	U
4-Chloroaniline	5	5	U	5	U
4-Chlorophenyl phenyl ether	NA	2	U	2	U
4-Nitroaniline	5	5	U	5	U
4-Nitrophenol	NA	10	U	10	U
Acetophenone	NA	5	U	5	U
Benzoic Acid	NA	50	U	50	U
Benzyl Alcohol	NA	2	U	2	U
Biphenyl	NA	2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U
Bis(2-Ethylhexyl)phthalate	5	3	U	3	U
Butyl benzyl phthalate	50	5	U	5	U
Carbazole	NA	2	U	2	U
Di-n-butylphthalate	50	5	U	5	U
Di-n-octylphthalate	50	5	U	5	U
Dibenzofuran	NA	2	U	2	U
Diethyl phthalate	50	5	U	5	U
Dimethyl phthalate	50	5	U	5	U
Hexachlorocyclopentadiene	5	20	U	20	U
Isophorone	50	5	U	5	U
n-Nitrosodi-n-propylamine	NA	5	U	5	U
Nitrobenzene	0.4	2	U	2	U
NitrosoDiPhenylAmine(NDPA)/DPA	50	2	U	2	U
P-Chloro-M-Cresol	NA	2	U	2	U
Phenol	1	5	U	5	U
2-Chloronaphthalene	10	0.2	U	0.2	U
2-Methylnaphthalene	NA	0.2	U	0.2	U
Acenaphthene	20	0.2	U	0.2	U
Acenaphthylene	NA NA	0.2	U	0.2	U
Anthracene	50	0.2	U	0.2	U
Benzo(a)anthracene	NA NA	0.2	U	0.2	U
Benzo(a)pyrene	NA NA	0.2	U	0.2	U
Benzo(b)fluoranthene	0.002	0.2	U	0.2	U
Benzo(ghi)perylene	NA	0.2	U	0.2	U
(Bm/kerliene	1 1128	V-2		V-1=	

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Table 4-6: Summary of Phase I Groundwater Sampling - Validated Results

		Γ		FIELD	
		FIELD BLANK		BLANK-2	
LOCATION		1 (PUMP)		(AUGER)	
SAMPLING DATE	11-OCT-11		11-OCT-11		
LAB SAMPLE ID		L1116534-05		L1116534-10	
Semivolatile Organics	NY-AWQS	Result	Qual	Result	Qual
Benzo(k)fluoranthene	0.002	0.2	U	0.2	U
Chrysene	0.002	0.2	U	0.2	U
Dibenzo(a,h)anthracene	NA	0.2	U	0.2	U
Fluoranthene	50	0.2	U	0.2	U
Fluorene	50	0.2	U	0.2	U
Hexachlorobenzene	0.04	0.8	U	0.8	U
Hexachlorobutadiene	0.5	0.5	U	0.5	U
Hexachloroethane	5	0.8	U	0.8	U
Indeno(1,2,3-cd)Pyrene	0.002	0.2	U	0.2	U
Naphthalene	10	0.2	U	0.2	U
Pentachlorophenol	1	0.8	U	0.8	U
Phenanthrene	50	0.2	U	0.2	U
Pyrene	50	0.2	U	0.2	U
Tentatively Identified Compounds (TICS)	NA	0	U	0	U
Unknown - TIC (2.397)	NA				
Unknown - TIC (2.637)	NA				
Unknown - TIC (5.613)	NA				
Unknown - TIC (7.392)	NA				
Unknown - TIC (8.3)	NA				
Unknown Alkane - TIC (7.99)	NA				
Unknown C13H12 Isomer - TIC (7.247)	NA				
Unknown C13H14 Isomer - TIC (6.943)	NA				
Unknown C13H14 Isomer - TIC (7.007)	NA				
Unknown C15H28 - TIC (6.473)	NA				
Unknown Substituted Alkane - TIC (7.349)	NA				
Unknown Substtuted Alkane - TIC (7.584)	NA				
Unknown Substituted Naphthalene - TIC (5.901)	NA				
Unknown Substituted Naphthalene - TIC (6.366)	NA				
Unknown Substituted Naphthalene - TIC (6.43)	NA				
Unknown Substituted Naphthalene - TIC (6.451)	NA				
Unknown Substituted Naphthalene - TIC (6.531)	NA				
Unknown Substituted Naphthalene - TIC (6.601)	NA	-		·	
Unknown Substituted Naphthalene - TIC (6.82)	NA				
Unknown Substituted Naphthalene - TIC (7.082)	NA				

#### Notes:

All results in ug/l.

(1) - Duplicate of MW-2.

 $\boldsymbol{U}$  - Compound was not detected relative to the indicated limit.

J - Estimated value.

NA - Not applicable, no criteria provided.

 $NY\text{-}AWQS - New\ York\ State\ Ambient\ Water\ Quality\ Standard,\ TOGS\ 1.1.1.$ 

Analysis conducted by Alpha Analytical, Westborough, MA.

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Table 4-6: Summary of Phase I Groundwater Sampling - Validated Results

LOCATION		MW-2		MW-101 (1)		MW-3		MW-7	
SAMPLING DATE		11-OCT-11		11-OCT-11		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-01		L1116534-04		L1116534-02		L1116534-03	
Polychlorinated Biphenyls	NY-AWQS	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Aroclor 1016	0.09	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1221	0.09	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1232	0.09	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1242	0.09	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1248	0.09	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1254	0.09	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1260	0.09	0.083	U	0.083	U	0.083	U	0.083	U

	FIELD BLANK		FIELD BLANK.		
LOCATION		1 (PUMP)		2 (AUGER)	
SAMPLING DATE		11-OCT-11		11-OCT-11	
LAB SAMPLE ID		L1116534-05		L1116534-10	
Polychlorinated Biphenyls	NY-AWQS	Result	Qual	Result	Qual
Aroclor 1016	0.09	0.083	U	0.1	U
Aroclor 1221	0.09	0.083	U	0.1	U
Aroclor 1232	0.09	0.083	U	0.1	U
Aroclor 1242	0.09	0.083	U	0.1	U
Aroclor 1248	0.09	0.083	U	0.1	U
Aroclor 1254	0.09	0.083	U	0.1	U
Aroclor 1260	0.09	0.083	U	0.1	U

#### Notes:

All results in ug/l.

(1) - Duplicate of MW-2.

U - Compound was not detected relative to the indicated limit.

J - Estimated value.

NA - Not applicable, no criteria provided.

 $NY-AWQS-New\ York\ State\ Ambient\ Water\ Quality\ Standard,\ TOGS\ 1.1.1.$ 

Analysis conducted by Alpha Analytical, Westborough, MA.

Table 4-6: Summary of Phase I Groundwater Sampling - Validated Results

**Airstocrat Cleaners** 

212 E. Hartsdale Ave., Hartsdale, NY

BCA Site #C360111

LOCATION		MW-2		MW-101 (1)		MW-3		MW-7	
SAMPLING DATE	MPLING DATE 11-OCT-11		11-OCT-11		11-OCT-11		11-OCT-11		
LAB SAMPLE ID		L1116534-01		L1116534-04		L1116534-02		L1116534-03	
Organochlorine Pesticides	NY-AWQS	Result	Qual	Result	Qual	Result	Qual	Result	Qual
4,4'-DDD	0.3	0.04	U	0.01	J	0.054		0.009	J
4,4'-DDE	0.2	0.04	U	0.04	U	0.04	U	0.041	U
4,4'-DDT	0.2	0.04	U	0.04	U	0.04	U	0.01	J
Aldrin	NA	0.02	U	0.02	U	0.02	U	0.02	U
Alpha-BHC	0.01	0.02	U	0.02	U	0.02	U	0.02	U
Beta-BHC	0.04	0.02	U	0.02	U	0.02	U	0.02	U
Chlordane	0.05	0.2	U	0.2	U	0.2	U	0.204	U
Delta-BHC	0.04	0.02	U	0.02	U	0.02	U	0.02	U
Dieldrin	0.004	0.04	U	0.04	U	0.04	U	0.041	U
Endosulfan I	NA	0.02	U	0.02	U	0.02	U	0.02	U
Endosulfan II	NA	0.04	U	0.04	U	0.04	U	0.041	U
Endosulfan sulfate	NA	0.04	U	0.04	U	0.04	U	0.041	U
Endrin	NA	0.04	U	0.04	U	0.04	U	0.041	U
Endrin ketone	5	0.04	U	0.04	U	0.04	U	0.041	U
Heptachlor	0.04	0.02	U	0.02	U	0.02	U	0.02	U
Heptachlor epoxide	0.03	0.02	U	0.02	U	0.02	U	0.02	U
Lindane	0.05	0.02	U	0.02	U	0.02	U	0.02	U
Methoxychlor	35	0.2	U	0.012	J	0.2	U	0.014	J
Toxaphene	0.06	0.2	U	0.2	U	0.2	U	0.204	U
trans-Chlordane	NA	0.02	U	0.02	U	0.02	U	0.02	U

		FIELD		FIELD BLANK	
LOCATION		BLANK-1		2 (AUGER)	
SAMPLING DATE	11-OCT-11		11-OCT-11		
LAB SAMPLE ID		L1116534-05		L1116534-10	
Organochlorine Pesticides	NY-AWQS	Result	Qual	Result	Qual
4,4'-DDD	0.3	0.04	U	0.04	U
4,4'-DDE	0.2	0.04	U	0.04	U
4,4'-DDT	0.2	0.04	U	0.04	U
Aldrin	NA	0.02	U	0.02	U
Alpha-BHC	0.01	0.02	U	0.02	U
Beta-BHC	0.04	0.02	U	0.02	U
Chlordane	0.05	0.2	U	0.2	U
Delta-BHC	0.04	0.02	U	0.02	U
Dieldrin	0.004	0.04	U	0.04	U
Endosulfan I	NA	0.02	U	0.02	U
Endosulfan II	NA	0.04	U	0.04	U
Endosulfan sulfate	NA	0.04	U	0.04	U
Endrin	NA	0.04	U	0.04	U
Endrin ketone	5	0.04	U	0.04	U
Heptachlor	0.04	0.02	U	0.02	U
Heptachlor epoxide	0.03	0.02	U	0.02	U
Lindane	0.05	0.02	U	0.02	U
Methoxychlor	35	0.2	U	0.2	U
Toxaphene	0.06	0.2	U	0.2	U
trans-Chlordane	NA	0.02	U	0.02	U

#### Notes:

All results in ug/l.

(1) - Duplicate of MW-2.

U - Compound was not detected relative to the indicated limit.

J - Estimated value.

NA -  $Not\ applicable,$  no criteria provided.

NY-AWQS - New York State Ambient Water Quality Standard, TOGS 1.1.1.

 $\label{lem:Analytical} Analysis \ conducted \ by \ Alpha \ Analytical, \ Westborough, \ MA.$ 

Page 11 of 11 EnviroTrac Ltd.

Table 4-7: Summary of Phase I Groundwater Sampling - PCE and Related VOCs

LOCATION		MW-2	MW-101 (1)	MW-3	MW-7
Volatile Organics	NY-AWQS	Result	Result	Result	Result
Tetrachloroethene	5	2300 J	13000 J	3.8	98
Trichloroethene	5	860 J	4800 J	2	20
cis-1,2-Dichloroethene	5	910 J	5500 J	9.9	160
trans-1,2-Dichloroethene	5	38 U	300 U	0.39 J	1.2
1,1-Dichloroethene	5	25 U	200 U	0.5 U	0.22 J
Vinyl chloride	2	100 J	580 J	3.2	0.26 J

#### **Notes:**

Sampling conducted October 11, 2011.

All results in ug/l.

(1) - Duplicate of MW-2.

U - Compound was not detected relative to the indicated limit.

J - Estimated value.

NY-AWQS - New York State Ambient Water Quality Standard, TOGS 1.1.1.

## **APPENDICES**



## **APPENDIX A**

## DATA USABILITY SUMMARY REPORTS FOR PREVIOUSLY CONDUCTED AIR TESTING

Hartsdale Village Square, Aristocrat Cleaners 212 East Hartsdale Avenue Hartsdale, New York 10530

BCA Site #C360111



# Indoor Air Testing Conducted August 12, 2009





## DATA USABILITY SUMMARY REPORT ARISTOCRAT CLEANERS, HARTSDALE, NEW YORK

Client:

EnviroTrac Ltd., Yaphank, New York

SDG:

JA25561

Laboratory:

Accutest Laboratories, Dayton, New Jersey

Site:

Aristocrat Cleaners, Hartsdale, New York

Date:

September 12, 2011

EDS ID	Client ID	Laboratory ID	Matrix
1	BASEMENT	JA25561-1	Air
2	DRY CLEANER	JA25561-2	Air

A Data Usability Summary Review was performed on the analytical data for two air samples collected on August 12, 2009 by EnviroTrac at the Aristocrat Cleaners site in Hartsdale, New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination Of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters And Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)".

The data have been evaluated according to the protocols and quality control (QC) requirements of the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-31, Revision 4, October 2006: Validating Volatile Organics of Ambient Air on Canisters by Method TO-15, and the reviewer's professional judgment.

## **Organics**

The following items/criteria were reviewed for this report:

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks
- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation
- Laboratory Control Sample (LCS) recoveries
- Surrogate Compound Recoveries
- GC/MS Tuning
- Method Blank Contamination
- Initial and Continuing Calibration Summaries
- Compound Quantitation
- Internal Standard (IS) Area Performance

• Field Duplicate Sample Precision

## Overall Evaluation of Data and Potential Usability Issues

There were no rejections of data. Overall the data is acceptable for the intended purposes. Data were not qualified.

## **Data Completeness**

 The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

### Cover letter, Narrative, and Data Reporting Forms

All criteria were met

### **Canister Certification Blanks**

• The canister certification blanks were free of contamination.

#### **Canister Certification Pressures Differences**

All criteria were met.

#### Chains-of-Custody and Traffic Reports

All criteria were met

## **Holding Times**

• All samples were analyzed within 30 days for air samples.

#### <u>Laboratory Control Samples</u>

• The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
V3W500-BS	Hexachlorobutadiene	132%	None	All ND

## **Surrogate Compound Recoveries**

• All samples exhibited acceptable surrogate recoveries.

## **GC/MS Tuning**

• All criteria were met.

#### **Method Blank**

• The method blanks were free of contamination.

#### **Initial Calibration**

• The initial calibrations exhibited acceptable %RSD and mean RRF values.

## **Continuing Calibration**

• The continuing calibrations exhibited acceptable %D and/or RRF values.

## **Compound Quantitation**

All criteria were met.

## Internal Standard (IS) Area Performance

• All internal standards met response and retention time (RT) criteria.

## Field Duplicate Sample Precision

• Field duplicate samples were not analyzed.

Package	Summary:
1 achage	oummany.

All data are valid and usable with qualifications as noted in this review.

Signed:

Nancy Weaver Senior Chemist Dated: 911311

# **Data Qualifiers**

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
- U = The analyte was analyzed for, but was not detected above the sample reporting limit.
- R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

#### Accutest LabLink@590100 11:33 06-Dec-2010

# Report of Analysis

Page 1 of 3

Client Sample ID: BASEMENT

Lab Sample ID: JA25561-1

400 ml

Initial Volume

Project:

Run #1

Summa ID: A042 Matrix: AIR - Air Method: TO-15

212 E. Hartsdale, Hartsdale, NY

08/12/09 Date Sampled:

Date Received: 08/13/09

Percent Solids:

	File ID	DF	Analyzed	Ву	Prep Date	Prep Batch	Analytical Batch
Run #1	3W12196.D	1	08/26/09	<b>YMH</b>	n/a	n/a	V3W500
Run #2	3W12215.D	1	08/27/09	YMH	n/a	n/a	V3W501

Run #2	40.0 ml				_					
CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	22.9	0.20	0.039	ppbv		54.4	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.036	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	1.5	0.20	0.021	ppbv		4.8	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.028	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.022	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.024	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.033	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	0.34	0.20	0.034	ppbv		1.1	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	1.9	0.20	0.026	ppbv		8.8	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.040	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	0.12	0.20	0.028	ppbv	J	0.59	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.87	0.20	0.047	ppbv		1.8	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.031	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.022	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.11	0.20	0.022	ppbv	J	0.69	1.3	ug/m3
110-82-7	84.16	Cyclohexane	0.34	0.20	0.061	ppbv		1.2	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.032	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.044	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.021	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.036	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.71	0.20	0.024	ppbv		3.5	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.034	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
			340,000,000			I P				٠, ٠

ND = Not detected

10061-01-5 111

156-59-2

541-73-1

95-50-1

106-46-7

10061-02-6

MDL - Method Detection Limit

cis-1,2-Dichloroethylene

cis-1,3-Dichloropropene

trans-1,3-Dichloropropene

m-Dichlorobenzene

o-Dichlorobenzene

p-Dichlorobenzene

RL = Reporting Limit

96.94

147

147

147

111

E = Indicates value exceeds calibration range

J = Indicates an estimated value

ppbv

ppbv

ppbv

ppbv

ppbv

ppbv

0.028

0.019

0.032

0.037

0.032

0.016

0.20

0.20

0.20

0.20

0.20

0.20

B = Indicates analyte found in associated method blank

4.0

ND

ND

ND

1.3 ND 0.79

0.91

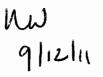
1.2

1.2

1.2

0.91

N = Indicates presumptive evidence of a compound



1.0

ND

ND

ND

0.22

ND



ug/m3

ug/m3

ug/m3

ug/m3

ug/m3

ug/m3



Page 2 of 3

Client Sample ID: BASEMENT

Lab Sample ID: JA25561-1 AIR - Air Matrix:

Method:

TO-15

Summa ID: A042

Date Sampled: 08/12/09 Date Received: 08/13/09

Percent Solids: n/a

212 E. Hartsdale, Hartsdale, NY Project:

CAS No.	MW	Compound	Result	RL	MDL	Units Q	Result	RL	Units
64-17-5	46.07	Ethanol	59.0 a	5.0	0.77	ppbv	111 <sup>a</sup>	9.4	ug/m3
100-41-4	106.2	Ethylbenzene	0.69	0.20	0.019	ppbv	3.0	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.051	ppbv	ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.38	0.20	0.043	ppbv	1.9	0.98	ug/m3
76-13-1	187.4	Freon 113	0.18	0.20	0.022	ppbv J	1.4	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.022	ppbv	ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.57	0.20	0.026	ppbv	2.3	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.043	ppbv	ND	2.1	ug/m3
110-54-3	86.17	Hexane	1.3	0.20	0.019	ppbv	4.6	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.030	ppbv	ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.20	0.035	ppbv	ND	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.41	0.20	0.025	ppbv	1.4	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.96	0.20	0.039	ppbv	2.8	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.045	ppbv	ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.022	ppbv	ND	0.72	ug/m3
115-07-1	42	Propylene	2.6	0.50	0.061	ppbv	4.5	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.018	ppbv	ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.025	ppbv	ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.023	ppbv	ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.021	ppbv	ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.065	ppbv	ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	1.5	0.20	0.021	ppbv	7.4	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.48	0.20	0.026	ppbv	2.4	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane		0.20	0.020	ppbv	5.1	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.15	0.20	0.023	ppbv J	0.45	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	128 <sup>a</sup>	0.40	0.21	ppbv	868 a	2.7	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.032	ppbv	ND	0.59	ug/m3
108-88-3	92.14	Toluene	3.7	0.20	0.018	ppbv	14	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	3.4	0.040	0.019	ppbv	18	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.74	0.20	0.021	ppbv	4.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	0.12	0.20	0.023	ppbv J	0.31	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.046	ppbv	ND	0.70	ug/m3
	106.2	m,p-Xylene	2.6	0.20	0.045	ppbv	11	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.94	0.20	0.023	ppbv	4.1	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	3.5	0.20	0.023		15	0.87	ug/m3
	106.2		3.5	0.20		ppbv			

ND = Not detected

460-00-4

MDL - Method Detection Limit

99%

RL = Reporting Limit

E = Indicates value exceeds calibration range

4-Bromofluorobenzene

J = Indicates an estimated value

65-128%

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



90%



Result

RL

Page 3 of 3

Client Sample ID: BASEMENT

Lab Sample ID:

Matrix:

Method:

Project:

CAS No.

JA25561-1 AIR - Air

Compound

TO-15

Summa ID: A042

212 E. Hartsdale, Hartsdale, NY

Date Sampled: 08/12/09

Date Received: 08/13/09

Percent Solids: n/a

RLMDL Units Q Result Units

(a) Result is from Run# 2

MW

ND = Not detected

RL = Reporting Limit E = Indicates value exceeds calibration range

MDL - Method Detection Limit

J = Indicates an estimated value

B = Indicates analyte found in associated method blank





Page 1 of 2

Client Sample ID: DRY CLEANER

Lab Sample ID: JA25561-2

Matrix: AIR - Air Summa ID: A854

Method: TO-15

Date Sampled: 08/12/09 Date Received: 08/13/09

Percent Solids: n/a

Project: 212 E. Hartsdale, Hartsdale, NY

File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 W22260.	D 1	09/01/09	YMH		n/a	VW936
T # 0						

Run #2

Initial Volume

Run #1 400 ml

Run #2

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	7.9	0.20	0.039	ppbv		19	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.036	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.19	0.20	0.021	ppbv	J	0.61	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.028	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.022	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.024	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.033	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.034	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.026	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.040	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.028	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.56	0.20	0.047	ppbv		1.2	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.031	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.022	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.022	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.061	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.032	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.044	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.021	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.036	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.56	0.20	0.024	ppbv		2.8	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.034	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.037	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.016	ppbv		ND	0.91	ug/m3

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

ew 9/12/11



Client Sample ID: DRY CLEANER

Lab Sample ID: JA25561-2

Date Sampled: 08/12/09 AIR - Air Matrix: Summa ID: A854 Date Received: 08/13/09 Method: TO-15 Percent Solids: n/a

Project: 212 E. Hartsdale, Hartsdale, NY

100-41-4 141-78-6 622-96-8 76-13-1	46.07 106.2 88 120.2	Ethanol Ethylbenzene	5.8	0.50						
141-78-6 622-96-8 76-13-1	88			0.50	0.077	ppbv		11	0.94	ug/m3
622-96-8 76-13-1			0.11	0.20	0.019	ppbv	J	0.48	0.87	ug/m3
76-13-1	120.2	Ethyl Acetate	ND	0.20	0.051	ppbv		ND	0.72	ug/m3
		4-Ethyltoluene	ND	0.20	0.043	ppbv		ND	0.98	ug/m3
	187.4	Freon 113	ND	0.20	0.022	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.022	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.20	0.026	ppbv		ND	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.043	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.16	0.20	0.019	ppbv	J	0.56	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.030	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.20	0.035	ppbv		ND	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.16	0.20	0.025	ppbv	J	0.56	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.93	0.20	0.039	ppbv		2.7	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.045	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.022	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	0.49	0.50	0.061	ppbv	J	0.84	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.018	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.025	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.023	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.021	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.065	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.16	0.20	0.021	ppbv	J	0.79	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.16	0.20	0.020	ppbv	J	0.75	0.93	ug/m3
	74.12	Tertiary Butyl Alcohol	ND	0.20	0.023	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	23.5	0.040	0.021	ppbv		159	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.032	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	0.55	0.20	0.018	ppbv		2.1	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	0.48	0.040	0.019	ppbv		2.6	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.28	0.20	0.021	ppbv		1.6	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.023	ppbv		ND	0.51	ug/m3
	86	Vinyl Acetate	ND	0.20	0.046	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.33	0.20	0.045	ppbv		1.4	0.87	ug/m3
	106.2	o-Xylene	0.14	0.20	0.023	ppbv	J	0.61	0.87	ug/m3
	106.2	Xylenes (total)	0.47	0.20	0.023	ppbv	•	2.0	0.87	ug/m3

460-00-4 4-Bromofluorobenzene 97% 65-128%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

 $B \,=\, Indicates \ analyte \ found \ in \ associated \ method \ blank$ 





# Additional Soil Vapor Assessment February 15, 2010





# DATA USABILITY SUMMARY REPORT ARISTOCRAT CLEANERS, HARTSDALE, NEW YORK

Client:

EnviroTrac Ltd., Yaphank, New York

SDG:

JA39887

Laboratory:

Accutest Laboratories, Dayton, New Jersey Aristocrat Cleaners, Hartsdale, New York

Site:
Date:

September 12, 2011

EDS ID	Client ID	Laboratory ID	Matrix
1	ACCESS ROAD	JA39887-1	Air
2	HARTSDALE LIQUOR	JA39887-2	Air
3	NY SPORTS OUT.	JA39887-3	Air
4	NY SPORTS INSIDE	JA39887-4	Air
5	FROM SIDEWALK	JA39887-5	Air

A Data Usability Summary Review was performed on the analytical data for five air samples collected on February 15, 2011 by EnviroTrac at the Aristocrat Cleaners site in Hartsdale, New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination Of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters And Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)".

The data have been evaluated according to the protocols and quality control (QC) requirements of the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-31, Revision 4, October 2006: Validating Volatile Organics of Ambient Air on Canisters by Method TO-15, and the reviewer's professional judgment.

# **Organics**

The following items/criteria were reviewed for this report:

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks
- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation
- Laboratory Control Sample (LCS) recoveries
- Surrogate Compound Recoveries
- GC/MS Tuning
- Method Blank Contamination

- Initial and Continuing Calibration Summaries
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision

# Overall Evaluation of Data and Potential Usability Issues

There were no rejections of data. Overall the data is acceptable for the intended purposes. Data were not qualified.

# **Data Completeness**

• The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

# Cover letter, Narrative, and Data Reporting Forms

• All criteria were met

#### **Canister Certification Blanks**

• The canister certification blanks were free of contamination.

#### Canister Certification Pressures Differences

All criteria were met.

# **Chains-of-Custody and Traffic Reports**

• All criteria were met

# **Holding Times**

• All samples were analyzed within 30 days for air samples.

# **Laboratory Control Samples**

• The LCS samples exhibited acceptable %R values.

# **Surrogate Compound Recoveries**

All samples exhibited acceptable surrogate recoveries.

# **GC/MS Tuning**

• All criteria were met.

# **Method Blank**

The method blanks were free of contamination.

# **Initial Calibration**

• The initial calibrations exhibited acceptable %RSD and mean RRF values.

# Continuing Calibration

• The continuing calibrations exhibited acceptable %D and/or RRF values.

# **Compound Quantitation**

- EDS sample ID 3 exhibited a high concentration of isopropyl alcohol and was flagged (E) by the laboratory for exceeding the linear range of the instrument. The sample was not diluted and reanalyzed and the isopropyl alcohol result was qualified as estimated (J) by the reviewer.
- EDS sample ID 4 exhibited high concentrations of acetone, ethanol and isopropyl alcohol and the sample was reanalyzed at a dilution and the dilution results for these compounds were reported. However, ethanol and isopropyl alcohol were flagged (E) by the laboratory for exceeding the linear range of the instrument in the dilution analysis and have been qualified as estimated (J) by the reviewer.

# Internal Standard (IS) Area Performance

• All internal standards met response and retention time (RT) criteria.

# Field Duplicate Sample Precision

Field duplicate samples were not analyzed.

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Package	Siimmaatti
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All data are valid and usable with qualifications as noted in this review.

Signed:

Nancy Weaver Senior Chemist

any Weaver Dated: 9/13/11

# **Data Qualifiers**

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
- U = The analyte was analyzed for, but was not detected above the sample reporting limit.
- R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Page 1 of 3

Client Sample ID: ACCESS ROAD

Lab Sample ID: JA39887-1 Matrix:

AIR - Air Summa ID: A761 Date Sampled: 02/15/10

Date Received: 02/15/10

Method:

Run #1

TO-15

Initial Volume

400 ml

Percent Solids: n/a

Project: 212 E. Hartsdale, Hartsdale, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W25093.D	1	02/26/10	YMH	n/a	n/a	VW1042
Run #2	3W15461.D	1	03/02/10	YMH	n/a	n/a	V3W620

Run #2	40.0 ml								
CAS No.	MW	Compound	Result	RL	MDL	Units Q	Result	RL	Units
67-64-1	58.08	Acetone	240 a	2.0	0.39	ppbv	570 a	4.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.036	ppbv	ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.58	0.20	0.021	ppbv	1.9	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.028	ppbv	ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.022	ppbv	ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.024	ppbv	ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv	ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.033	ppbv	ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	0.22	0.20	0.034	ppbv	0.69	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.026	ppbv	ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.040	ppbv	ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.028	ppbv	ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.53	0.20	0.047	ppbv	1.1	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.031	ppbv	ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.022	ppbv	ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.022	ppbv	ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	0.22	0.20	0.061	ppbv	0.76	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.032	ppbv	ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.044	ppbv	ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.021	ppbv	ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.036	ppbv	ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv	ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv	ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.57	0.20	0.024	ppbv	2.8	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.034	ppbv	ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	1.2	0.20	0.035	ppbv	4.8	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.028	ppbv	ND	0.79	ug/m3
10061-01-5		cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv	ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.032	ppbv	ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.037	ppbv	ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.032	ppbv	ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.016	ppbv	ND	0.91	ug/m3
		• •							-

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank





Client	Sample	ID:	<b>ACCESS</b>	ROAD
Chone	Sample	ID.	ACCESS	KOAD

Lab Sample ID: JA39887-1

Matrix: AIR - Air Method:

TO-15

Project:

212 E. Hartsdale, Hartsdale, NY

Summa ID: A761

Date Sampled: 02/15/10 Date Received: 02/15/10

Percent Solids: n/a

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	2.6	0.50	0.077	ppbv		4.9	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	6.4	0.20	0.019	ppbv		28	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.051	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	3.0	0.20	0.043	ppbv		15	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.022	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.022	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.28	0.20	0.026	ppbv		1.1	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.043	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.36	0.20	0.019	ppbv		1.3	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.030	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	9.2	0.20	0.035	ppbv		23	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.21	0.20	0.025	ppbv		0.73	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.0	0.20	0.039	ppbv		5.9	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.045	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	0.18	0.20	0.022	ppbv	J	0.65	0.72	ug/m3
115-07-1	42	Propylene	13.3	0.50	0.061	ppbv		22.8	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.018	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.025	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.023	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.021	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.065	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	4.2	0.20	0.021	ppbv		21	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	2.5	0.20	0.026	ppbv		12	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	0.020	ppbv		ND	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.79	0.20	0.023	ppbv		2.4	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	28.5	0.040	0.021	ppbv		193	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.032	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	1.8	0.20	0.018	ppbv		6.8	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	5.1	0.040	0.019	ppbv		27	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.25	0.20	0.021	ppbv		1.4	1.1	ug/m
75-01-4	62.5	Vinyl chloride	0.61	0.20	0.023	ppbv		1.6	0.51	ug/m
108-05-4	86	Vinyl Acetate	ND	0.20	0.046	ppbv		ND	0.70	ug/m
	106.2	m,p-Xylene	20.8	0.20	0.045	ppbv		90.3	0.87	ug/m
95-47-6	106.2	o-Xylene	6.2	0.20	0.023	ppbv		27	0.87	ug/m
1330-20-7	106.2	Xylenes (total)	27.0	0.20	0.023	ppbv		117	0.87	ug/m3
CAS No.	Surrog	gate Recoveries Run#	1 Run#	2 L	imits					
460-00-4	4-Bron	nofluorobenzene 96%	88%	6	5-128%					

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound





J = Indicates an estimated value

B = Indicates analyte found in associated method blank

#### Accutest LabLink@590100 11:34 06-Dec-2010

# Report of Analysis

Page 3 of 3

Client Sample ID: ACCESS ROAD Lab Sample ID:

Matrix:

Method:

Project:

CAS No.

JA39887-1 AIR - Air

Compound

Summa ID: A761

Date Sampled: 02/15/10

Date Received: 02/15/10

Percent Solids: n/a

TO-15 212 E. Hartsdale, Hartsdale, NY

Result

RL

MDL Units Q Result

RL. Units

(a) Result is from Run# 2

MW

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

**E** = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank







#### Accutest LabLink@590100 11:34 06-Dec-2010

# Report of Analysis

Page 1 of 3

Client Sample ID: HARTSDALE LIQUOR

**Initial Volume** 

Lab Sample ID: JA39887-2

Matrix: AIR - Air Summa ID: A254 Method: TO-15

Date Received: 02/15/10 Percent Solids: n/a

Date Sampled: 02/15/10

Project: 212 E. Hartsdale, Hartsdale, NY

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
	W25094.D	1	02/26/10	YMH	n/a	n/a	VW1042
Run #2	3W15462.D	1	03/02/10	YMH	n/a	n/a	V3W620

Dun #1	400 ml	oranie.								
Run #1 Run #2	400 ml									
Kull #2	40.0 III			_						
CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	160 a	2.0	0.39	ppbv		380 a	4.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.036	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.77	0.20	0.021	ppbv		2.5	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.028	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.022	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.024	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.033	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	0.54	0.20	0.034	ppbv		1.7	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.026	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.040	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.028	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.71	0.20	0.047	ppbv		1.5	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.031	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.022	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.022	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	0.29	0.20	0.061	ppbv		1.0	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.032	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.044	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.021	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.036	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.61	0.20	0.024	ppbv		3.0	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.034	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	0.16	0.20	0.035	ppbv	J	0.63	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	0.16	0.20	0.028	ppbv	J	0.63	0.79	ug/m3
10061-01-5	5 111	cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.037	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
10061-02-6		trans-1,3-Dichloropropene	ND	0.20	0.016	ppbv		ND	0.91	ug/m3

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank





Client Sample ID: HARTSDALE LIQUOR

Lab Sample ID:

Matrix:

Method:

JA39887-2

AIR - Air TO-15

Summa ID: A254

Date Sampled: 02/15/10

Date Received: 02/15/10

Percent Solids: n/a

Project:	212 F	Hartsdale	Hartsdale,	NY
rroject.	212 E.	riai isuaic,	Hallsuale,	14 1

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	5.4	0.50	0.077	ppbv		10	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	2.8	0.20	0.019	ppbv		12	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.051	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	1.9	0.20	0.043	ppbv		9.3	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.022	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.022	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	1.0	0.20	0.026	ppbv		4.1	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.043	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.63	0.20	0.019	ppbv		2.2	0.70	ug/m3
591-78-6	100	2-Hexanone	1.4	0.20	0.030	ppbv		5.7	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	135 a	2.0	0.35	ppbv		332 a	4.9	ug/m3
75-09-2	84.94	Methylene chloride	0.73	0.20	0.025	ppbv		2.5	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	16.7	0.20	0.039	ppbv		49.3	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.94	0.20	0.045	ppbv		3.9	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	0.16	0.20	0.022	ppbv	J	0.58	0.72	ug/m3
115-07-1	42	Propylene	1.3	0.50	0.061	ppbv		2.2	0.86	ug/m3
100-42-5	104.1	Styrene	0.19	0.20	0.018	ppbv	J	0.81	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.025	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.023	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.021	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.065	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	3.9	0.20	0.021	ppbv		19	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	1.9	0.20	0.026	ppbv		9.3	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.41	0.20	0.020	ppbv		1.9	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	3.6	0.20	0.023	ppbv		11	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	1.6	0.040	0.021	ppbv		11	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.76	0.20	0.032	ppbv		2.2	0.59	ug/m3
108-88-3	92.14	Toluene	5.5	0.20	0.018	ppbv		21	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	0.77	0.040	0.019	ppbv		4.1	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.27	0.20	0.021	ppbv		1.5	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.023	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.046	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	8.8	0.20	0.045	ppbv		38	0.87	ug/m3
95-47-6	106.2	o-Xylene	3.4	0.20	0.023	ppbv		15	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	12.2	0.20	0.023	ppbv		53.0	0.87	ug/m3
CAS No.	Surro	gate Recoveries Runs	#1 Run#	2 L	imits					

ND = Not detected

460-00-4

MDL - Method Detection Limit

106%

RL = Reporting Limit

E = Indicates value exceeds calibration range

4-Bromofluorobenzene

J = Indicates an estimated value

65-128%

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



89%



Page 3 of 3

Client Sample ID: HARTSDALE LIQUOR Lab Sample ID:

Matrix:

CAS No.

JA39887-2 AIR - Air

Summa ID: A254

Date Sampled: 02/15/10

Date Received: 02/15/10

Percent Solids: n/a

Method: TO-15 Project:

MW

212 E. Hartsdale, Hartsdale, NY Compound

Result

RL

MDL

Units Q Result

RĹ Units

(a) Result is from Run# 2

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank





#### Accutest LabLink@590100 11:34 06-Dec-2010

# Report of Analysis

Page 1 of 2

Client Sample ID: NY SPORTS OUT.

Lab Sample ID:

JA39887-3

AIR - Air

Summa ID: A213

Date Sampled: 02/15/10 Date Received: 02/15/10

Percent Solids: n/a

Project: 212 E. Hartsdale, Hartsdale, NY

TO-15

File ID DF Analyzed By Prep Date Prep Batch **Analytical Batch** W25095.D VW1042 Run #1 1 02/26/10 YMH n/a n/a

Run #2

Matrix:

Method:

Initial Volume

Run #1 400 ml

Run #2

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	5.6	0.20	0.039	ppbv		13	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.036	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.68	0.20	0.021	ppbv		2.2	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.028	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.022	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.024	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.033	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	1.7	0.20	0.034	ppbv		5.3	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.026	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	0.53	0.20	0.040	ppbv		1.4	0.53	ug/m3
67-66-3	119.4	Chloroform	10.4	0.20	0.028	ppbv		50.8	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.16	0.20	0.047	ppbv	J	0.33	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.031	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.022	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	3.7	0.20	0.022	ppbv		23	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.061	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.032	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.044	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.021	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.036	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.59	0.20	0.024	ppbv		2.9	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.034	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	0.88	0.20	0.028	ppbv		3.5	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.037	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.016	ppbv		ND	0.91	ug/m3

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank





Client	Sample ID:	NY SPORTS OUT.	

Lab Sample ID: Matrix:

JA39887-3

AIR - Air

Hexane

2-Hexanone

Isopropyl Alcohol

Summa ID: A213

Date Sampled: Date Received: 02/15/10

0.019

0.030

0.035

ppbv ppbv

ppbv

02/15/10

1.4

ND

146

0.70

0.82

0.49

0.69

0.59

0.82

0.72

0.86

0.85

1.1

1.4

1.1

1.5

0.87

0.87

ug/m3

Percent Solids: n/a

Method: Project:

110-54-3

591-78-6

67-63-0

86.17

100

60.1

TO-15

212 E. Hartsdale, Hartsdale, NY

CAS No.	MW	Compound	Result	RL	MDL	Units Q	Result	RL	Units
64-17-5	46.07	Ethanol	2.2	0.50	0.077	ppbv	4.1	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.80	0.20	0.019	ppbv	3.5	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.051	ppbv	ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.27	0.20	0.043	ppbv	1.3	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.022	ppbv	ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.022	ppbv	ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.48	0.20	0.026	ppbv	2.0	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.043	ppbv	ND	2.1	ug/m3

0.40

ND

59.5 J

0.20

0.20

0.20

75-09-2	84.94	Methylene chloride	0.19 0.20	0.025	ppbv J	0.66
78-93-3	72.11	Methyl ethyl ketone	0.78 0.20	0.039	ppbv	2.3
108-10-1	100.2	Methyl Isobutyl Ketone	ND 0.20	0.045	ppbv	ND
1634-04-4	88.15	Methyl Tert Butyl Ether	ND 0.20	0.022	ppbv	ND
115-07-1	42	Propylene	1.6 0.50	0.061	ppbv	2.7
100-42-5	104.1	Styrene	ND 0.20	0.018	ppbv	ND
71-55-6	133.4	1,1,1-Trichloroethane	ND 0.20	0.025	ppbv	ND
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND 0.20	0.023	ppbv	ND
79-00-5	133.4	1,1,2-Trichloroethane	ND 0.20	0.021	ppbv	ND
120-82-1	181.5	1,2,4-Trichlorobenzene	ND 0.20	0.065	ppbv	ND
95-63-6	120.2	1,2,4-Trimethylbenzene	1.0 0.20	0.021	ppbv	4.9

95-63-6	120.2	1,2,4-Trimethylbenzene	1.0 0.20	0.021	ppbv	4.9 0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.35 0.20	0.026	ppbv	1.7 0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND 0.20	0.020	ppbv	ND 0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	2.1 0.20	0.023	ppbv	6.4 0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	20.9 0.040	0.021	ppbv	142 0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND 0.20	0.032	ppbv	ND 0.59	ug/m3
108-88-3	92.14	Toluene	2.2 0.20	0.018	ppbv	8.3 0.75	ug/m3
79-01-6	131.4	Trichloroethylene	2.4 0.040	0.019	ppbv	13 0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.27 0.20	0.021	ppbv	1.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND 0.20	0.023	ppbv	ND 0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND 0.20	0.046	ppby	ND 0.70	ug/m3

2.1

0.99

3.1

1330-20-7	106.2	Xylenes (total)
CAS No.	Surrog	ate Recoveries

106.2

106.2

Run# 1

Run# 2

0.20

0.20

0.20

460-00-4 4-Bromofluorobenzene 102%

Limits 65-128%

0.045

0.023

0.023

ppbv

ppbv

ppbv

95-47-6

MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

9.1

4.3

13

E = Indicates value exceeds calibration range

m,p-Xylene

o-Xylene





ND = Not detected

Page 1 of 3

Client Sample ID: NY SPORTS INSIDE

Initial Volume

400 ml

Run #1

Lab Sample ID: JA39887-4

Date Sampled: 02/15/10 Matrix: AIR - Air Summa ID: A206 Date Received: 02/15/10 Method: TO-15 Percent Solids: n/a

Project: 212 E. Hartsdale, Hartsdale, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W25096.D	1	02/26/10	<b>YMH</b>	n/a	n/a	VW1042
Run #2	3W15463.D	1	03/02/10	<b>YMH</b>	n/a	n/a	V3W620

Run #2	100 ml				_				
CAS No.	MW	Compound	Result	RL	MDL	Units Q	Result	RL	Units
67-64-1	58.08	Acetone	61.2 a	0.80	0.16	ppbv	145 a	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.036	ppbv	ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.37	0.20	0.021	ppbv	1.2	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.028	ppbv	ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.022	ppbv	ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.024	ppbv	ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv	ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.033	ppbv	ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	0.23	0.20	0.034	ppbv	0.72	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.026	ppbv	ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.040	ppbv	ND	0.53	ug/m3
67-66-3	119.4	Chloroform	1.1	0.20	0.028	ppbv	5.4	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.32	0.20	0.047	ppbv	0.66	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.031	ppbv	ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.022	ppbv	ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.022	ppbv	ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.061	ppbv	ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.032	ppbv	ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.044	ppbv	ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.021	ppbv	ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.036	ppbv	ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv	ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv	ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.55	0.20	0.024	ppbv	2.7	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.034	ppbv	ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv	ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.028	ppbv	ND	0.79	ug/m3
10061-01-5		cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv	ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.032	ppbv	ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.037	ppbv	ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.032	ppbv	ND	1.2	ug/m3
10061-02-6		trans-1,3-Dichloropropene	ND	0.20	0.016	ppbv	ND	0.91	ug/m3

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank





Page 2 of 3

Client Sample ID: NY SPORTS INSIDE

Lab Sample ID: JA39887-4 Date Sampled: 02/15/10 Matrix: AIR - Air Summa ID: A206 Date Received: 02/15/10 Percent Solids: n/a

TO-15 Method:

Project: 212 E. Hartsdale, Hartsdale, NY

CAS No.	$\mathbf{M}\mathbf{W}$	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	865 a J	2.0	0.31	ppbv	<b>y</b>	1630 a	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	1.2	0.20	0.019	ppbv		5.2	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.051	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.37	0.20	0.043	ppbv		1.8	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.022	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.022	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.42	0.20	0.026	ppbv		1.7	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.043	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.33	0.20	0.019	ppbv		1.2	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.030	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	186 a J	0.80	0.14	ppbv	Ľ	457 a	2.0	ug/m3
75-09-2	84.94	Methylene chloride	0.21	0.20	0.025	ppbv		0.73	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.1	0.20	0.039	ppbv		9.1	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.65	0.20	0.045	ppbv		2.7	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.022	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	0.061	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	0.18	0.20	0.018	ppbv	J	0.77	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.025	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.023	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.021	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.065	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	1.3	0.20	0.021	ppbv		6.4	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.44	0.20	0.026	ppbv		2.2	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.3	0.20	0.020	ppbv		6.1	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	2.9	0.20	0.023	ppbv		8.8	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	22.8	0.040	0.021	ppbv		155	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.33	0.20	0.032	ppbv		0.97	0.59	ug/m3
108-88-3	92.14	Toluene	2.9	0.20	0.018	ppbv		11	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	0.43	0.040	0.019	ppbv		2.3	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.26	0.20	0.021	ppbv		1.5	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.023	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.046	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	2.8	0.20	0.045	ppbv		12	0.87	ug/m3
95-47-6	106.2	o-Xylene	1.3	0.20	0.023	ppbv		5.6	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	4.1	0.20	0.023	ppbv		18	0.87	ug/m3
CAS No.	Surro	gate Recoveries Run#	1 Run#	2 I	Limits					
460-00-4	4-Broi	mofluorobenzene 108%	90%	(	65-128%					

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

 $B = Indicates \ analyte \ found \ in \ associated \ method \ blank$ 





Page 3 of 3

Client Sample ID: NY SPORTS INSIDE Lab Sample ID:

Matrix:

Method:

Project:

CAS No.

JA39887-4 AIR - Air

TO-15

Summa ID: A206

212 E. Hartsdale, Hartsdale, NY

Date Sampled: 02/15/10

Date Received: 02/15/10

Result

Percent Solids: n/a

Compound

RL

MDL Units Q Result

RL

Units

(a) Result is from Run# 2

MW

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank







#### Accutest LabLink@590100 11:34 06-Dec-2010

# Report of Analysis

By

**YMH** 

n/a

Page 1 of 2

Client Sample ID: FROM SIDEWALK

File ID

400 ml

W25097.D

Lab Sample ID:

JA39887-5

Matrix: Method: AIR - Air

Summa ID: A195

Date Sampled: 02/15/10

Date Received: 02/15/10

Percent Solids: n/a

Project:

TO-15

212 E. Hartsdale, Hartsdale, NY

Analyzed

02/26/10

DF

1

Prep Date Prep Batch Analytical Batch

> n/a VW1042

Run #1 Run #2

Initial Volume

Run #1

Run #2

		-			_				
CAS No.	MW	Compound	Result	RL	MDL	Units Q	Result	RL	Units
67-64-1	58.08	Acetone	17,3	0.20	0.039	ppbv	41.1	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.036	ppbv	ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.30	0.20	0.021	ppbv	0.96	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.028	ppbv	ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.022	ppbv	ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.024	ppbv	ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv	ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.033	ppbv	ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	0.73	0.20	0.034	ppbv	2.3	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.026	ppbv	ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.040	ppbv	ND	0.53	ug/m3
67-66-3	119.4	Chloroform	1.2	0.20	0.028	ppbv	5.9	0.98	ug/m3
74-87-3	50.49	Chloromethane	1.2	0.20	0.047	ppbv	2.5	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.031	ppbv	ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.022	ppbv	ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.022	ppbv	ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.061	ppbv	ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.032	ppbv	ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.044	ppbv	ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.021	ppbv	ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.036	ppbv	ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv	ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv	ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.58	0.20	0.024	ppbv	2.9	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.034	ppbv	ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv	ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.028	ppbv	ND	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv	ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.032	ppbv	ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.037	ppbv	ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.032	ppbv	ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.016	ppbv	ND	0.91	ug/m3

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank



Client Sample ID: FROM SIDEWALK

Lab Sample ID:

Matrix:

Method:

JA39887-5

Summa ID: A195 AIR - Air

Date Sampled: 02/15/10

Date Received: 02/15/10

Percent Solids: n/a

Project: 212 E. Hartsdale, Hartsdale, NY

TO-15

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	12.0	0.50	0.077	ppbv		22.6	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.52	0.20	0.019	ppbv		2.3	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.051	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.043	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.022	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.022	ppby		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.19	0.20	0.026	ppbv	J	0.78	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.043	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.30	0.20	0.019	ppbv		1.1	0.70	ug/m3
591-78-6	100	2-Hexanone	0.21	0.20	0.030	ppbv		0.86	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	33.5	0.20	0.035	ppbv		82.3	0.49	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.025	ppbv		ND	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	1.4	0.20	0.039	ppbv		4.1	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.045	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	0.13	0.20	0.022	ppbv	J	0.47	0.72	ug/m3
115-07-1	42	Propylene	3.1	0.50	0.061	ppbv		5.3	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.018	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.025	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.023	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.021	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.065	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.34	0.20	0.021	ppbv		1.7	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.14	0.20	0.026	ppbv	J	0.69	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.20	0.20	0.020	ppbv		0.93	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	1.1	0.20	0.023	ppbv		3.3	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	11.5	0.040	0.021	ppbv		78.0	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.032	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	1.0	0.20	0.018	ppbv		3.8	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	0.14	0.040	0.019	ppbv		0.75	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.28	0.20	0.021	ppbv		1.6	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.023	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.046	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	1.1	0.20	0.045	ppbv		4.8	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.56	0.20	0.023	ppbv		2.4	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	1. <b>7</b>	0.20	0.023	ppbv		7.4	0.87	ug/m3
CAS No.	Surro	gate Recoveries Runs	#1 Run#	2 L	imits					
460-00-4	4-Bro	mofluorobenzene 1049	6	6	55-128%					

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank





# **APPENDIX B**

# DATA USABILITY SUMMARY REPORTS FOR RI PHASE I SOIL AND GROUNDWATER TESTING

Hartsdale Village Square, Aristocrat Cleaners 212 East Hartsdale Avenue Hartsdale, New York 10530

**BCA Site #C360111** 





# DATA USABILITY SUMMARY REPORT ARISTOCRAT CLEANERS, HARTSDALE, NEW YORK

Client:

EnviroTrac Ltd., Yaphank, New York

SDG:

L1116534

Laboratory:

Alpha Analytical, Westborough, Massachusetts

Site:

Aristocrat Cleaners, Hartsdale, New York

Date:

November 25, 2011

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-2	L1116534-01	Water
1MS	MW-2MS	L1116534-01MS	Water
1MSD	MW-2MSD	L1116534-01MSD	Water
2	MW-3	L1116534-02	Water
3	MW-7	L1116534-03	Water
4	MW-101	L1116534-04	Water
5	FIELD BLANK-1 (PUMP)	L1116534-05	Water
6*	TRIP BLANK	L1116534-06	Water
7**	SS-1	L1116534-07	Soil
7MS**	SS-1MS	L1116534-07MS	Soil
7MSD**	SS-1MSD	L1116534-07MSD	Soil
8**	SSV-2	L1116534-08	Soil
9**	SB-101	L1116534-09	Soil
10**	FIELD BLANK-2 (AUGER)	L1116534-10	Water
11*	TRIP BLANK	L1116534-11	Water

<sup>\* -</sup> Analyzed for VOCs only

A Data Usability Summary Review was performed on the analytical data for four water samples, three soil samples, two aqueous field blank samples and two aqueous trip blank samples collected on October 11, 2011 by EnviroTrac at the Aristocrat Cleaners site in Hartsdale, New York. The samples were analyzed under Environmental Protection Agency (USEPA) "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions" and the Standard Methods for the Examination of Water and Wastewater.

#### Specific method references are as follows:

<u>Analysis</u>

Method References

VOCs

USEPA SW-846 Method 8260B

SVOCs/SVOCs by SIM

USEPA SW-846 Method 8270C/8270C SIM

Pesticides PCBs USEPA SW-846 Method 8081 USEPA SW-846 Method 8082

Metals/Mercury

USEPA SW-846 Method 6010B/7470A

<sup>\*\* -</sup> Not analyzed for SVOCs by SIM

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 4, August 2008: Validating Semivolatile Organic Compounds by SW-846 Method 8270C;
- SOP Number HW-44, Revision 1, October 2006, Validating Organochlorine Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

# **Organics**

The following items/criteria were reviewed for this report:

- Data Completeness
- · Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

# Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

# **Overall Usability Issues:**

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- Chloroform was qualified as non-detect in one sample due to method blank contamination.
- Several VOC compounds were qualified as estimated in several samples due to high continuing calibration %D values.
- Four VOC compounds were qualified as estimated in two samples due to poor field duplicate precision.
- cis-1,2-Dichloroethene was qualified as estimated in two samples due to poor field duplicate precision.
- Bis(2-chloroisopropyl)ether was qualified as estimated in three samples due to high continuing calibration %D values.
- Seven SVOC compounds were qualified as estimated in two samples due to poor field duplicate precision.
- Several metals compounds were qualified as estimated in three samples due to high or low MS/MSD percent recoveries.
- Antimony was qualified as non-detect in three samples due to method blank contamination.
- Arsenic was qualified as non-detect in four samples due to field blank contamination.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

# **Data Completeness**

• The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

#### **Volatile Organics Compounds (VOCs)**

# **Holding Times**

All samples were analyzed within 14 days for preserved water and soil samples.

# **Surrogate Spike Recoveries**

All samples exhibited acceptable surrogate %R values.

# Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

• The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier
7	Trichloroethene	277%/156%/56	None- ND

# **Laboratory Control Samples**

The LCS samples exhibited acceptable %R values.

#### Method Blank

• The following table lists field blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of methylene chloride, 2-butanone, toluene or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc.	Action Level	Qualifier	Affected Samples
	_	ug/L	ug/L		
WG495933-3	1,4-Diethylbenzene	0.24	1.2	None	All ND

#### Field Blank

• The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of acetone, 2-butanone and methylene chloride (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc.	Action Level	Qualifier	Affected Samples
	_	ug/L	ug/L		
FIELD BLANK-1 (PUMP)	Methylene chloride	2.9	29	None	All ND
	Chloroform	0.30	1.5	U	1
TRIP BLANK (6)	None - ND	-	-	-	-
FIELD BLANK-2 (AUGER)	Methylene chloride	2.4	24	None	All ND
, , ,	Chloroform	0.24	1.2	None	
	Tetrachloroethene	0.28	1.4	None	All > 5X
TRIP BLANK (11)	None - ND	-	-	-	-

# **GC/MS Tuning**

All criteria were met.

# **Initial Calibration**

• The initial calibrations exhibited acceptable %RSD and mean RRF values.

# **Continuing Calibration**

• The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
10/14/11 (0813)	Dichlorodifluoromethane	25.4%	J/UJ	7,9
	Carbon disulfide	42.3%	J/UJ	
	Acrylonitrile	21.0%	J/UJ	
	2-Hexanone	21.6%	J/UJ	
10/14/11 (0823)	Dichlorodifluoromethane	24.3%	J/UJ	5, 6, 10, 11
10/17/11 (0840)	Dichlorodifluoromethane	24.7%	J/UJ	1-4
	Chloromethane	22.7%	J/UJ	
	Bromomethane	40.8%	J/UJ	
	1,2,4-Trichlorobenzene	23.8%	J/UJ	
10/17/11 (1704)	Dichlorodifluoromethane	29.6%	J/UJ	8
	Trichlorofluoromethane	24.5%	J/UJ	
	Carbon disulfide	26.7%	J/UJ	

# **Compound Quantitation**

- EDS sample ID #3 exhibited a high concentration of the compound cis-1,2-dichloroethene and was flagged (E) by the laboratory. The sample was reanalyzed at a 10X dilution, and the dilution result for cis-1,2-dichloroethene should be used for reporting purposes.
- Several samples were analyzed at various dilutions due to high concentrations of target compounds.

# Internal Standard (IS) Area Performance

• All internal standards met response and retention time (RT) criteria.

# Field Duplicate Sample Precision

• Field duplicate results are summarized below. For a high RPD >50% for water samples or >100% for soil samples, results are considered estimated and qualified (J). A high %RPD may indicate a potential bias due to poor laboratory instrument precision.

	VOCs								
Compound	MW-2 ug/L	MW-101 ug/L	RPD	Qualifier					
Tetrachloroethene	2300	13000	140%	J					
Vinyl chloride	100	580	141%	J					
Trichloroethene	860	4800	139%	J					
cis-1,2-Dichloroethene	910	5500	143%	J					

		VOCs		
Compound	SS-1 ug/kg	SB-101 ug/kg	RPD	Qualifier
Tetrachloroethene	640	220	98%	None
trans-1,2-Dichloroethene	2.4	ND	NC	None
cis-1,2-Dichloroethene	88	8.3	166%	J

# **Tentatively Identified Compounds (TICs)**

• All TICs were qualified estimated (J) for known compounds and (NJ) for tentatively identified compounds.

# Semivolatile Organic Compounds (SVOCs) & SVOCs by SIM

# **Holding Times**

• All samples were extracted within 7 days for water samples, 14 days for soil samples, and analyzed within 40 days.

# Surrogate Spike Recoveries

All samples exhibited acceptable surrogate %R values.

# Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

• The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier
1	Pentachlorophenol	110%/OK/OK	None - ND

#### **Laboratory Control Samples**

• The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
WG495807-2LCS	2,4-Dinitrotoluene	98%	None	All associated samples ND

#### Method Blank

• The method blanks were free of contamination.

#### Field Blank

• The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination.

Detected sample concentrations of phthalates (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FIELD BLANK-1 (PUMP)	None- ND	-	-	-	-
FIELD BLANK-2 (AUGER)	None- ND	-	-	_	-

# **GC/MS Tuning**

• All criteria were met.

#### **Initial Calibration**

• The initial calibrations exhibited acceptable %RSD and mean RRF values.

# **Continuing Calibration**

• The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
10/14/11 (0510)	Bis(2-chloroisopropyl)ether	33.6%	J/UJ	7-9

# **Compound Quantitation**

• All criteria were met.

#### Internal Standard (IS) Area Performance

• All criteria were met.

# Field Duplicate Sample Precision

• Field duplicate results are summarized below. For a high RPD >50% for water samples or >100% for soil samples, results are considered estimated and qualified (J). A high %RPD may indicate a potential bias due to poor laboratory instrument precision.

SVOCs				
Compound	MW-2 ug/L	MW-101 ug/L	RPD	Qualifier
1,2-Dichlorobenzene	2.8	ND	NC	None
Bis(2-ethylhexyl)phthalate	ND	1.6	NC	None
Diethyl phthalate	1.4	ND	NC	None

SVOCs by SIM				
Compound	MW-2 ug/L	MW-101 ug/L	RPD	Qualifier
Acenaphthene	0.10	ND	NC	None
Naphthalene	0.22	ND	NC	None
Fluorene	0.08	ND	NC	None
2-Methylnaphthalene	0.09	ND	NC	None

	S	SVOCs		
Compound	SS-1 ug/kg	SB-101 ug/kg	RPD	Qualifier
Fluoranthene	63	520	157%	J
Naphthalene	ND	82	NC	None
Benzo(a)anthracene	54	470	159%	J
Benzo(a)pyrene	100	500	133%	J
Benzo(b)fluoranthene	69	570	157%	J
Benzo(k)fluoranthene	ND	160	NC	None
Chrysene	63	440	150%	J
Anthracene	ND	39	NC	None
Benzo(g,h,i)perylene	ND	300	NC	None
Phenanthrene	ND	110	NC	None
Dibenzo(a,h)anthracene	ND	81	NC	None
Indeno(1,2,3-cd)pyrene	78	290	115%	J
Pyrene	78	500	146%	J
2-Methylnaphthalene	ND	120	NC	None

# **Tentatively Identified Compounds (TICs)**

• All TICs were qualified estimated (J) for known compounds and (NJ) for tentatively identified compounds.

# Pesticides (Pest)

# **Holding Times**

• All samples were extracted within 7 days for water samples, 14 days for soil samples and analyzed within 40 days for all samples.

# **Surrogate Spike Recoveries**

• All samples exhibited acceptable surrogate %R values.

# Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

• The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
7	4,4'-DDT	OK/OK/54	None for RPD alone

# <u>Laboratory Control Samples</u>

• The LCS samples exhibited acceptable %R values.

#### Method Blank

• The method blanks were free of contamination.

#### **Initial Calibration**

• All %RSD and/or correlation coefficient criteria were met.

# **Continuing Calibration**

All %D criteria were met.

## Compound Quantitation

• All criteria were met.

#### Field Blank

• The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FIELD BLANK-1 (PUMP)	None- ND	-	-	-	-
FIELD BLANK-2 (AUGER)	None- ND	-	-	-	-

### Field Duplicate Sample Precision

Field duplicate results are summarized below. The precision was acceptable.

Pesticides						
Compound	MW-2 ug/L	MW-101 ug/L	RPD	Qualifier		
4,4'-DDD	ND	0.010	NC	None		
Methoxychlor	ND	0.012	NC	None		

Pesticides							
Compound	SS-1 ug/kg	SB-101 ug/kg	RPD	Qualifier			
Heptachlor epoxide	1.86	ND	NC	None			
Endrin	0.914	ND	NC	None			
4,4'-DDE	11.0	7.41	39%	None			
4,4'-DDD	10.4	24.6	81%	None			
4,4'-DDT	18.6	9.94	61%	None			
Endosulfan sulfate	1.22	ND	NC	None			

#### **GC Column Difference Results**

• Several samples exhibited high %D values > 25% between columns and have been qualified as estimated (J) by the reviewer.

### Polychlorinated Biphenyls (PCBs)

### **Holding Times**

• All samples were extracted within 7 days for water samples, 14 days for soil samples and analyzed within 40 days for all samples.

#### **Surrogate Spike Recoveries**

• All samples exhibited acceptable surrogate %R values.

### Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

• The MS/MSD samples exhibited acceptable %R and RPD values.

### **Laboratory Control Samples**

• The LCS samples exhibited acceptable %R values.

#### **Method Blank**

• The method blanks were free of contamination.

#### Initial Calibration

• All %RSD and/or correlation coefficient criteria were met.

### Continuing Calibration

• All %D criteria were met.

#### **Compound Quantitation**

• All criteria were met.

#### Field Blank

• The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FIELD BLANK-1 (PUMP)	None- ND	-	-	-	-
FIELD BLANK-2 (AUGER)	None- ND	-	-	-	-

### Field Duplicate Sample Precision

• Field duplicate results are summarized below. The precision was acceptable.

PCBs					
Compound	MW-2 ug/L	MW-101 ug/L	RPD	Qualifier	
None	ND	ND	-	-	

PCBs					
Compound	SS-1 ug/kg	SB-101 ug/kg	RPD	Qualifier	
None	ND	ND	-	-	

### **GC Column Difference Results**

All criteria were met.

#### Metals & Mercury

#### **Holding Times**

All samples were prepared and analyzed within 28 days for mercury and 180 days for all
other metals.

## Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

• The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS %R/RPD	Qualifier	Affected samples
7	Antimony	45%/51%/OK	J/UJ	7-9
	Calcium	128%/OK/OK	J	
	Copper	OK/64%/OK	J/UJ	
	Lead	OK/44%/OK	J/UJ	
	Magnesium	85%/149%/OK	J/UJ	
	Manganese	128%/234%/OK	J	
	Potassium	OK/43%/OK	J/UJ	
	Mercury	152%/OK/OK	J	

## **Laboratory Control Samples**

The LCS sample exhibited acceptable recoveries.

#### **Method Blank**

• The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Blank ID	Compound	Conc.	Action Level	Qualifier	Affected Samples
		mg/kg	mg/kg		
PBS	Aluminum	1.1	11	None	All soil samples > 10X
	Antimony	0.49	4.9	U	7-9
	Arsenic	0.17	1.7	None	All soil samples > 10X
	Iron	1.8	18	None	

#### Field Blank

• The following table lists field QC blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Blank ID	Compound	Conc.	Action Level	Qualifier	Affected Samples
	-	mg/L	mg/L		_
FIELD BLANK-1 (PUMP)	Arsenic	0.003	0.03	U	1-4
	Calcium	0.07	0.7	None	All > 10X
FIELD BLANK-2 (AUGER)	Calcium	0.08	0.8	None	All > 10X

#### **Initial Calibration Verification**

• All initial calibration criteria were met.

### **Continuing Calibration Verification**

• All continuing calibration criteria were met.

## **Compound Quantitation**

 Several analytes were reported with elevated detection limits due to high concentrations of target compounds.

#### **ICP Serial Dilution**

• ICP serial dilution percent differences (%D) were within acceptance limits.

#### Field Duplicate Sample Precision

Field duplicate results are summarized below. The precision was acceptable.

	Metals & Mercury						
Compound	MW-2 ug/L	MW-101 ug/L	RPD	Qualifier			
Aluminum	0.29	0.24	19%	None			
Barium	0.083	0.117	34%	None			
Calcium	63	87	32%	None			
Copper	0.007	0.005 U	NC	None			
Iron	4.1	6.5	45%	None			
Lead	0.004	0.004	0%	None			
Magnesium	7.3	10	31%	None			

Metals & Mercury							
Compound	MW-2 ug/L	MW-101 ug/L	RPD	Qualifier			
Manganese	0.617	0.900	37%	None			
Potassium	5.2	7.3	34%	None			
Sodium	48	68	34%	None			
Zinc	0.210	0.216	3%	None			

	Metals & Mercury						
Compound	SS-1 mg/kg	SB-101 RPD mg/kg		Qualifier			
Aluminum	12000	16000	29%	None			
Arsenic	2.6	3.3	24%	None			
Barium	96	110	14%	None			
Beryllium	0.37	0.48	26%	None			
Calcium	2500	3200	25%	None			
Chromium	19	24	23%	None			
Cobalt	6.5	8.4	26%	None			
Copper	30	36	18%	None			
Iron	17000	20000	16%	None			
Lead	45	48	6%	None			
Magnesium	3300	4600	33%	None			
Manganese	150	180	18%	None			
Nickel	14	18	25%	None			
Potassium	1400	1900	30%	None			
Selenium	1.5	1.0	40%	None			
Sodium	200	180	11%	None			
Vanadium	26	33	24%	None			
Zinc	120	150	22%	None			
Mercury	0.35	0.32	9%	None			

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Very truly yours, Environmental Data Services, Inc.

Naucy Weaver 11/30/11

Nancy Weaver

Date Senior Chemist

#### **Data Qualifiers**

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
- U = The analyte was analyzed for, but was not detected above the sample reporting limit.
- R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Client : Envirotrac Ltd.

**Project Name** : ARISTOCRAT CLEANERS

Lab ID : L1116534-01D

Client ID : MW-2

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER Analytical Method : 1,8260B Lab File ID : 1017A11 Sample Amount : 0.200 ml

Soil Extract Volume: --

Level : LOW Lab Number : L1116534

Project Number

**Date Collected** : 10/11/11 11:00 Date Received : 10/12/11

**Date Analyzed** : 10/17/11 14:21

**Dilution Factor** : 50 : PD Analyst

Instrument ID : GONZO.I GC Column : RTX-502.2

%Solids : N/A

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	THE STATE OF THE S
75-09-2	Methylene chloride	ND	250	27.	U	
75-34-3	1,1-Dichloroethane	ND	38	11.	U	Protein december consistence of
67-66-3	Chloroform	33 <b>U</b>	38	9.9		######################################
56-23-5	Carbon tetrachloride	ND	25	8.3	U	1.000 m ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (
78-87-5				200000000000000000000000000000000000000	U	
	1,2-Dichloropropane	ND	88	15.	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	
124-48-1	Dibromochloromethane	ND	25	9.5	U	
79-00-5	1,1,2-Trichloroethane	ND	38	13.	U	annual control of the
127-18-4	Tetrachloroethene	2300 丁	25	9.1		
108-90-7	Chlorobenzene	ND	25	9.6	U	00400000000000000000000000000000000000
75-69-4	Trichlorofluoromethane	ND	120	13.	U	
107-06-2	1,2-Dichloroethane	ND	25	8.0	U	
71-55-6	1,1,1-Trichloroethane	ND	25	7.9	U	
75-27-4	Bromodichloromethane	ND	25	9.6	U	
10061-02-6	trans-1,3-Dichloropropene	ND	25	8.2	U	
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.2	U	
563-58-6	1,1-Dichloropropene	ND	120	13.	U	00000000000000000000000000000000000000
75-25-2	Bromoform	ND	100	12.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	9.6	U	
71-43-2	Benzene	ND	25	9.7	U	
108-88-3	Toluene	ND	38	11.	U	
100-41-4	Ethylbenzene	ND	25	13.	U	99 808 69 (
74-87-3	Chloromethane	ND U.J	120	14.	U	
74-83-9	Bromomethane	LUCH	50	13.	U	
75-01-4	Vinyl chloride	100 🗇	50	11.		
75-00-3	Chloroethane	ND	50	12.	U	
75-35-4	1,1-Dichloroethene	ND	25	9.0	U	- 0000000000000000000000000000000000000
156-60-5	trans-1,2-Dichloroethene	ND	38	10.	U	



Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-01D

Client ID : MW-2

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER
Analytical Method : 1,8260B
Lab File ID : 1017A11
Sample Amount : 0.200 ml

Level : LOW Soil Extract Volume: --

//VV-Z

Project Number
Date Collected
Date Received

Lab Number

: 10/11/11 11:00

: 10/12/11

: L1116534

Date Analyzed : 10/17/11 14:21

Dilution Factor : 50
Analyst : PD
Instrument ID : GONZO.I
GC Column : RTX-502.2

%Solids : N/A

			ug/L		
CAS NO.	Parameter	Results	RL	MDL	Qualifier
70.04.0	Triables and an	000	25	0.7	
79-01-6	Trichloroethene	860 J	25	8.7	
95-50-1	1,2-Dichlorobenzene	<b>ND</b>	120	9.2	U .
541-73-1	1,3-Dichlorobenzene	ND	120	9.3	U
106-46-7	1,4-Dichlorobenzene	ND	120	11.	U
1634-04-4	Methyl tert butyl ether	ND	50	8.0	<u>U</u>
106-42-3/108-38-3	p/m-Xylene	ND	50	17.	U.
95-47-6	o-Xylene	ND	50	16.	U
156-59-2	cis-1,2-Dichloroethene	910 J	25	9.3	
74-95-3	Dibromomethane	ND	250	18.	U
96-18-4	1,2,3-Trichloropropane	ND	250	21.	U
107-13-1	Acrylonitrile	ND	250	21.	U
100-42-5	Styrene	ND	50	18.	U
75-71-8	Dichlorodifluoromethane	TH GN	250	15.	U
67-64-1	Acetone	ND	250	78.	U
75-15-0	Carbon disulfide	ND	250	15.	U
78-93-3	2-Butanone	ND	250	97.	U
108-05-4	Vinyl acetate	ND	250	16.	<b>U</b> .
108-10-1	4-Methyl-2-pentanone	, ND	250	21.	U
591-78-6	2-Hexanone	ND	250	29.	U
74-97-5	Bromochloromethane	ND	120	16.	U
594-20-7	2,2-Dichloropropane	ND	120	20.	U
106-93-4	1,2-Dibromoethane	ND	100	9.6	U
142-28-9	1,3-Dichloropropane	ND	120	11.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	8.3	U
108-86-1	Bromobenzene	ND	120	9.2	U
104-51-8	n-Butylbenzene	ND	25	9.8	Ü
135-98-8	sec-Butylbenzene	ND	25	9.0	U
		The state of the s		ennennennen voor alle voorsele flydroegte de oorly oorde de	



Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-01D

Client ID : MW-2

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER Analytical Method : 1,8260B Lab File ID : 1017A11 Sample Amount : 0.200 ml

Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

**Project Number** 

Date Collected : 10/11/11 11:00

Date Received : 10/12/11 Date Analyzed : 10/17/11 14:21

**Dilution Factor** : 50 Analyst : PD

Instrument ID : GONZO.I

GC Column : RTX-502.2 %Solids : N/A

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
98-06-6	tert-Butylbenzene	ND	120	15.	U	
95-49-8	o-Chlorotoluene	ND	120	9.1	U	to a construction
106-43-4	p-Chlorotoluene	ND	120	9.2	U	***************************************
96-12-8	1,2-Dibromo-3-chloropropane	ND	120	16.	U	Windows
87-68-3	Hexachlorobutadiene	ND	30	12.	U	Maria (1.1888)
98-82-8	Isopropylbenzene	ND	25	9.4	U	
99-87-6	p-Isopropyltoluene	ND	25	9.4	U	
91-20-3	Naphthalene	ND	120	11.	U	###COMMONSORMEDICOCCORDITIONSCOMMON
103-65-1	n-Propylbenzene	ND .	25	8.7	U	
87-61-6	1,2,3-Trichlorobenzene	ND	120	12.	U	
120-82-1	1,2,4-Trichlorobenzene	wиj	120	11.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	120	10.	U	ffine and the second second
95-63-6	1,2,4-Trimethylbenzene	ND	120	13.	U	in the second section of the second section is a second section of the second second section s
105-05-5	1,4-Diethylbenzene	ND	100	5.4	U	***************************************
622-96-8	4-Ethyltoluene	ND	100	21.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	4.8	U	
60-29-7	Ethyl ether	ND	120	10.	U	
110-57-6	trans-1,4-Dichloro-2-butene	ND	120	8.7	U	managan mengelakan perbahan kelangan pengelakan kelangan pengelakan kelangan pengelakan kelangan pengelakan ke
		·····			***************************************	***************************************

## **Tentatively Identified Compounds** Volatile

Lab Number Client : Envirotrac Ltd.

: L1116534 **Project Number** Project Name : ARISTOCRAT CLEANERS

Date Collected : 10/11/11 11:00 Lab ID : L1116534-01D Client ID : MW-2 Date Received : 10/12/11

: 10/17/11 14:21 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed

Dilution Factor : 50 Sample Matrix : WATER Analyst : PD Analytical Method : 1,8260B Instrument ID : GONZO.I Lab File ID : 1017A11 GC Column : RTX-502.2 Sample Amount : 0.200 ml

Level : LOW %Solids : N/A Soil Extract Volume: --Injection Volume

Number TICS found: 0 Concentration Units: ug/L

EST. CONC. **CAS Number Compound Name** RT NO TENTATIVELY IDENTIFIED COMPOUNDS



Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-02

Client ID : MW-3

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER
Analytical Method : 1,8260B
Lab File ID : 1017A08
Sample Amount : 10.0 ml

Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number

Date Collected : 10/11/11 15:30

Date Received : 10/12/11
Date Analyzed : 10/17/11 12:38

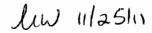
Date Analyzed : 10/1 Dilution Factor : 1

Analyst : PD Instrument ID : GON

Instrument ID : GONZO.I GC Column : RTX-502.2

%Solids : N/A

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	****
75-09-2	Methylene chloride	ND	5.0	0.54	U	one on the second
75-34-3	1,1-Dichloroethane	ND	0.75	0.22	U	V
67-66-3	Chloroform	, ND	0.75	0.20	U	
56-23-5	Carbon tetrachloride	ND	0.50	0.16	U	
78-87-5	1,2-Dichloropropane	ND	1.8	0.30	U	
124-48-1	Dibromochloromethane	ND	0.50	0.19	U	
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.26	U	6*.6.6*
127-18-4	Tetrachloroethene	3.8	0.50	0.18	**************************************	2449403402944000
108-90-7	Chlorobenzene	ND	0.50	0.19	U	
75-69-4	Trichlorofluoromethane	ND	2.5	0.27	U	
107-06-2	1,2-Dichloroethane	ND	0.50	0.16	U	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U	( The Park Park Park Park Park Park Park Park
75-27-4	Bromodichloromethane	ND	0.50	0.19	U ·	***************************************
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U	
563-58-6	1,1-Dichloropropene	ND	2.5	0.26	U	***************************************
75-25-2	Bromoform	. ND	2.0	0.25	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.19	U	umaka Wilder
71-43-2	Benzene	0.36	0.50	0.19	J	
108-88-3	Toluene	ND	0.75	0.23	U	
100-41-4	Ethylbenzene	ND	0.50	0.26	U	************
74-87-3	Chloromethane	LNOW	2.5	0.28	U	****************
74-83-9	Bromomethane	MUJ	1.0	0.26	U	
75-01-4	Vinyl chloride	3.2	1.0	0.22		***************************************
75-00-3	Chloroethane	ND	1.0	0.23	U	
75-35-4	1,1-Dichloroethene	ND	0.50	0.18	U	****************
156-60-5	trans-1,2-Dichloroethene	0.39	0.75	0.21	J	
	and and all and an all and an all an all and an all an all and an all an		**************************************			A





Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-02

Client ID : MW-3

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER
Analytical Method : 1,8260B
Lab File ID : 1017A08
Sample Amount : 10.0 ml

Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number :

Date Collected : 10/11/11 15:30

Date Received : 10/12/11
Date Analyzed : 10/17/11 12:38

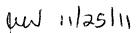
Date Analyzed : 10 Dilution Factor : 1

Analyst : PD

Instrument ID : GONZO.I GC Column : RTX-502.2

%Solids : N/A

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	***************************************
79-01-6	Trichloroethene	2.0	0.50	0.17		
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U	***************************************
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.22	U	hi n nemni Allaenee
1634-04-4	Methyl tert butyl ether	ND	1.0	0.16	U	
106-42-3/108-38-3	p/m-Xylene	ND	1.0	0.35	U	******************
95-47-6	o-Xylene	ND	1.0	0.33	U	Historia and Antonio
156-59-2	cis-1,2-Dichloroethene	9.9	0.50	0.19		
74-95-3	Dibromomethane	ND	5.0	0.36	U	-
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.43	U	*****************
107-13-1	Acrylonitrile	ND	5.0	0.43	U	
100-42-5	Styrene	ND	1.0	0.36	U	
75-71-8	Dichlorodifluoromethane	No M I	5.0	0.30	U	~~~~
67-64-1	Acetone	ND	5.0	1.6	U	
75-15-0	Carbon disulfide	ND	5.0	0.30	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-05-4	Vinyl acetate	ND .	5.0	0.31	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U	
591-78-6	2-Hexanone	ND	5.0	0.58	U	
74-97-5	Bromochloromethane	ND	2.5	0.33	U	
594-20-7	2,2-Dichloropropane	ND	2.5	0.40	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U	
142-28-9	1,3-Dichloropropane	ND	2.5	0.21	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.16	U	
108-86-1	Bromobenzene	ND	2.5	0.18	U	
104-51-8	n-Butylbenzene	2.6	0.50	0.20		
135-98-8	sec-Butylbenzene	4.4	0.50	0.18		





Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-02

Client ID : MW-3

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER
Analytical Method : 1,8260B
Lab File ID : 1017A08
Sample Amount : 10.0 ml

Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number

Date Collected : 10/11/11 15:30

Date Received : 10/12/11
Date Analyzed : 10/17/11 12:38

Date Analyzed : 10 Dilution Factor : 1

Analyst : PD

Instrument ID : GONZO.I GC Column : RTX-502.2

%Solids : N/A

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
98-06-6	tert-Butylbenzene	0.38	2.5	0.30	J	
95-49-8	o-Chlorotoluene	ND	2.5	0.18	U	
106-43-4	p-Chlorotoluene	ND	2.5	0.18	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.33	U	
87-68-3	Hexachlorobutadiene	ND	0.60	0.23	U	
98-82-8	Isopropylbenzene	2.4	0.50	0.19		
99-87-6	p-Isopropyltoluene	ND	0.50	0.19	U	
91-20-3	Naphthalene	3.8	2.5	0.22		
103-65-1	n-Propylbenzene	2.8	0.50	0.17		
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U	
120-82-1	1,2,4-Trichlorobenzene	wur	2.5	0.22	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.21	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.27	U	halahan m <b>alaman sasa</b>
105-05-5	1,4-Diethylbenzene	13	2.0	0.11		
622-96-8	4-Ethyltoluene	ND	2.0	0.42	U	
95-93-2	1,2,4,5-Tetramethylbenzene	3.0	2.0	0.10		
60-29-7	Ethyl ether	ND	2.5	0.20	U	
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.17	U	



## Tentatively Identified Compounds Volatile

Client : Envirotrac Ltd. Lab Number : L1116534
Project Name : ARISTOCRAT CLEANERS Project Number :

Lab ID : L1116534-02 Date Collected : 10/11/11 15:30
Client ID : MW-3 Date Received : 10/12/11

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/17/11 12:38

Sample Matrix: WATERDilution Factor: 1Analytical Method: 1,8260BAnalyst: PDLab File ID: 1017A08Instrument ID: GONZO.ISample Amount: 10.0 mlGC Column: RTX-502.2

Level : LOW %Solids : N/A

Soil Extract Volume: -- Injection Volume :

#### Number TICS found: 10

#### Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier	
	Unknown	16.23	14	1 J	
***************************************	Unknown	17.11	19		
	Unknown	18.14	14		
***************************************	Unknown	18.42	20		-
	Unknown	19.16	14		
***************************************	Unknown	19.62	15		ARTERNATION.
	Unknown	20.09	14		
	Unknown	20.52	13	<b>J</b> . <b>.</b>	
***************************************	Unknown	21.12	10	J	
***************************************	Unknown	21.74	12		***************************************
		· · · · · · · · · · · · · · · · · · ·	·		**********

Total TIC Compounds

145



Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-03

Client ID : MW-7

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER
Analytical Method : 1,8260B
Lab File ID : 1017A09
Sample Amount : 10.0 ml

Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number

Date Collected : 10/11/11 13:45

Date Received : 10/12/11
Date Analyzed : 10/17/11 13:12

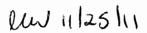
Dilution Factor : 1

Analyst : PD Instrument ID : GONZO.I

GC Column : RTX-502.2

%Solids : N/A

			ug/L		
AS NO.	Parameter	Results	RL	MDL	Qualifier
5-09-2	Methylene chloride	ND	5.0	0.54	U
5-34-3	1,1-Dichloroethane	ND	0.75	0.22	U
7-66-3	Chloroform	ND	0.75	0.20	U
6-23-5	Carbon tetrachloride	ND	0.50	0.16	U
8-87-5	1,2-Dichloropropane	ND	1.8	0.30	U
24-48-1	Dibromochloromethane	ND	0.50	0.19	U
9-00-5	1,1,2-Trichloroethane	ND	0.75	0.26	U
27-18-4	Tetrachloroethene	98	0.50	0.18	
08-90-7	Chlorobenzene	ND	0.50	0.19	U
5-69-4	Trichlorofluoromethane	ND	2.5	0.27	U
07-06-2	1,2-Dichloroethane	ND	0.50	0.16	U
1-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
5-27-4	Bromodichloromethane	ND	0.50	0.19	U
0061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
0061-01-5	cis-1,3-Dichloropropene	.ND	0.50	0.14	U
63-58-6	1,1-Dichloropropene	ND	2.5	0.26	U
5-25-2	Bromoform	ND	2.0	0.25	U
9-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.19	U
'1-43-2	Benzene	ND	0.50	0.19	U
08-88-3	Toluene	ND	0.75	0.23	U
00-41-4	Ethylbenzene	ND	0.50	0.26	U
'4-87-3	Chloromethane	nout	2.5	0.28	U
<b>'4-83-9</b>	Bromomethane	Cu ok	1.0	0.26	U
<b>'5-01-4</b>	Vinyl chloride	0.26	1.0	0.22	J
75-00-3	Chloroethane	ND	1.0	0.23	U
<b>'</b> 5-35-4	1,1-Dichloroethene	0.22	0.50	0.18	J
56-60-5	trans-1,2-Dichloroethene	1.2	0.75	0.21	
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Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-03 Client ID : MW-7

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER
Analytical Method : 1,8260B
Lab File ID : 1017A09

Sample Amount : 10.0 ml Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number

Date Collected : 10/11/11 13:45

Date Received : 10/12/11
Date Analyzed : 10/17/11 13:12

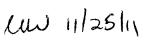
Dilution Factor : 1

Analyst : PD

Instrument ID : GONZO.I GC Column : RTX-502.2

%Solids : N/A

		· <u> </u>	ug/L			
CAS NO.	Parameter	<u> </u>	Results	RL I	MDL	Qualifier
79-01-6	Trichloroethene		20	0.50	0.17	
95-50-1	1,2-Dichlorobenzene		ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	A	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene		ND	2.5	0.22	U
1634-04-4	Methyl tert butyl ether		ND	1.0	0.16	U
106-42-3/108-38-3	p/m-Xylene		ND	1.0	0.35	U
95-47-6	o-Xylene		ND	1.0	0.33	U .
156-59-2	cis-1,2-Dichloroethene	160	1 <del>80E</del> 5.0	0.50 1.9	0 <del>.10-</del>	ميكر.
74-95-3	Dibromomethane		ND	5.0	0.36	U
96-18-4	1,2,3-Trichloropropane		ND	5.0	0.43	·U
107-13-1	Acrylonitrile		ND	5.0	0.43	U
100-42-5	Styrene		ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane		tu on	5.0	0.30	U
67-64-1	Acetone		ND	5.0	1.6	U
75-15-0	Carbon disulfide		ND	5.0	0.30	U
78-93-3	2-Butanone		ND	5.0	1.9	U
108-05-4	Vinyl acetate	· .	ND	5.0	0.31	U
108-10-1	4-Methyl-2-pentanone		ND	5.0	0.42	U
591-78-6	2-Hexanone		ND	5.0	0.58	U
74-97-5	Bromochloromethane		ND	2.5	0.33	U
594-20-7	2,2-Dichloropropane		ND	2.5	0.40	U
106-93-4	1,2-Dibromoethane		ND	2.0	0.19	U
142-28-9	1,3-Dichloropropane		ND	2.5	0.21	U
630-20-6	1,1,1,2-Tetrachloroethane		ND	0.50	0.16	U
108-86-1	Bromobenzene		ND	2.5	0.18	U
104-51-8	n-Butylbenzene		ND	0.50	0.20	U
135-98-8	sec-Butylbenzene		ND	0.50	0.18	U





Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-03

Client ID : MW-7

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER Analytical Method : 1,8260B Lab File ID : 1017A09 Sample Amount : 10.0 ml

Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

**Project Number** 

Date Collected : 10/11/11 13:45

Date Received : 10/12/11 Date Analyzed : 10/17/11 13:12

**Dilution Factor** : 1 Analyst : PD

Instrument ID : GONZO.I GC Column : RTX-502.2

%Solids : N/A

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
98-06-6	tert-Butylbenzene	ND	2.5	0.30	U	
95-49-8	o-Chlorotoluene	ND	2.5	0.18	U	·/-h
106-43-4	p-Chlorotoluene	ND .	2.5	0.18	U	Later At will thank age, ag
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.33	U	und distributes.
87-68-3	Hexachlorobutadiene	ND	0.60	0.23	U	***************************************
98-82-8	Isopropylbenzene	ND	0.50	0.19	U	101001111111111111111111111111111111111
99-87-6	p-Isopropyltoluene	ND	0.50	0.19	U	viiiiiiiii
91-20-3	Naphthalene	ND	2.5	0.22	U	***************************************
103-65-1	n-Propylbenzene	ND	0.50	0.17	U .	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U	
120-82-1	1,2,4-Trichlorobenzene	MUJ	2.5	0.22	U	F14
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.21	U	1200-00-00-0
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.27	U	***************************************
105-05-5	1,4-Diethylbenzene	0.34	2.0	0.11	J	
622-96-8	4-Ethyltoluene	ND	2.0	0.42	U	100-6100000-
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.10	U	Manachine de Manach
60-29-7	Ethyl ether	ND	2.5	0.20	U	
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.17	U	yakianana
		***************************************			The second secon	



Client : Envirotrac Ltd. Lab Number : L1116534 **Project Name** : ARISTOCRAT CLEANERS **Project Number** Lab ID : L1116534-03D **Date Collected** : 10/11/11 18:45 Client ID : MW-7 **Date Received** : 10/12/1/ 10/17/11 17:12 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed Sample Matrix : WATER **Dilution Factor** 10 Analytical Method : 1,8260B PD Analyst Lab File ID GONZO.I : 1017A16 Instrument ID Sample Amount : 1.00 ml : RTX-502.2 GC Column Level : LOW %Solids : N/A

Soil Extract Volume : -- Injection Volume :

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CAS NO. Parameter Results RL MDL Qualifier

156-59-2 cis-1,2-Dichloroethene

pu 11/25/11



## Tentatively Identified Compounds Volatile

Client : Envirotrac Ltd. Lab Number : L1116534 : ARISTOCRAT CLEANERS **Project Number** Project Name Date Collected : 10/11/11 13:45 Lab ID : L1116534-03 : 10/12/11 : MW-7 Date Received Client ID Date Analyzed : 10/17/11 13:12 Sample Location : 212 E. HARDSDALE AVE., NY Sample Matrix : WATER Dilution Factor : 1 Analytical Method : 1,8260B Analyst : PD Lab File ID Instrument ID : GONZO.I : 1017A09 GC Column : RTX-502.2 Sample Amount : 10.0 ml %Solids : N/A Level : LOW Injection Volume Soil Extract Volume: --

Number TICS found: 1

Concentration Units: ug/L

<b>CAS Number</b>	Compound Name	-	RT	EST. CONC.	Qualifier	
90-12-0	Naphthalene, 1-methyl-		21.74	1.3	<b>ソ</b> ブ	
			· · · · · · · · · · · · · · · · · · ·			

**Total TIC Compounds** 

1.3



Client Project Name : Envirotrac Ltd.

: ARISTOCRAT CLEANERS

Lab Number Project Number : L1116534

Lab ID

: L1116534-04D

: 10/11/11 11:15

Client ID

: MW-101

Date Collected **Date Received** 

: 10/12/11

Sample Location

: 212 E. HARDSDALE AVE., NY

Date Analyzed **Dilution Factor** 

: 10/17/11 17:46

Sample Matrix Analytical Method : 1,8260B

: WATER

: 400 : PD

Lab File ID

: 1017A17

Analyst : GONZO.I Instrument ID

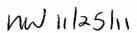
Sample Amount Level

: 0.0250 ml : LOW

GC Column : RTX-502.2 %Solids : N/A

Soil Extract Volume: --

			ug/L		
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75.00.0	Mail de la Maria		0000	000	
75-09-2	Methylene chloride	<b>ND</b>	2000	220	<b>U</b>
75-34-3	1,1-Dichloroethane	<b>ND</b>	300	86.	
67-66-3	Chloroform	ND.	300	79.	U
56-23-5	Carbon tetrachloride	, <b>ND</b>	200	66.	U .
78-87-5	1,2-Dichloropropane	. ND	700	120	<u> </u>
124-48-1	Dibromochloromethane	ND	200	76.	U
79-00-5	1,1,2-Trichloroethane	ND	300	100	U
127-18-4	Tetrachloroethene	13000 J	200	72.	
108-90-7	Chlorobenzene	ND	200	77.	U
75-69-4	Trichlorofluoromethane	ND	1000	110	U
107-06-2	1,2-Dichloroethane	ND	200	64.	· U
71-55-6	1,1,1-Trichloroethane	ND	200	63.	U
75-27-4	Bromodichloromethane	ND	200	77.	U
10061-02-6	trans-1,3-Dichloropropene	ND	200	66.	U
10061-01-5	cis-1,3-Dichloropropene	ND	200	57.	U
563-58-6	1,1-Dichloropropene	ND	1000	100	U
75-25-2	Bromoform	ND	800	99.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	200	77.	U
71-43-2	Benzene	ND	200	78.	U
108-88-3	Toluene	ND	300	91.	· U
100-41-4	Ethylbenzene	ND	200	110	U
74-87-3	Chloromethane	LN ON	1000	110	U
74-83-9	Bromomethane	LN CM	400	100	U
75-01-4	Vinyl chloride	580 ブ	400	90.	
75-00-3	Chloroethane	ND	400	93.	U
75-35-4	1,1-Dichloroethene	ND	200	72.	U
156-60-5	trans-1,2-Dichloroethene	ND	300	84.	U
and the same of th	**************************************		### 00000 000 minutoupons		





Client Project Name : Envirotrac Ltd.

: ARISTOCRAT CLEANERS

Lab ID : L1116534-04D Client ID : MW-101

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix Analytical Method : 1,8260B Lab File ID

: WATER : 1017A17 : 0.0250 ml

Sample Amount Level

: LOW

Soil Extract Volume: --

Lab Number

Project Number

Date Collected

: 10/11/11 11:15

: L1116534

Date Received : 10/12/11 Date Analyzed : 10/17/11 17:46

**Dilution Factor** : 400 Analyst : PD

Instrument ID : GONZO.I : RTX-502.2 GC Column : N/A

%Solids

			ug/L		
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	4800 <b>J</b>	200	70.	
95-50-1	1,2-Dichlorobenzene	ND	1000	73.	U
541-73-1	1,3-Dichlorobenzene	ND	1000	74.	U
106-46-7	1,4-Dichlorobenzene	ND	1000	86.	U
1634-04-4	Methyl tert butyl ether	ND	400	64.	U
106-42-3/108-38-3	p/m-Xylene	ND	400	140	U
95-47-6	o-Xylene	ND	400	130	U
156-59-2	cis-1,2-Dichloroethene	5500 J	200	75.	
74-95-3	Dibromomethane	ND	2000	140	Ú
96-18-4	1,2,3-Trichloropropane	· ND	2000	170	U
107-13-1	Acrylonitrile	ND	2000	170	
100-42-5	Styrene	ND	400	140	U
75-71-8	Dichlorodifluoromethane	yeuj	2000	120	U
67-64-1	Acetone	ND	2000	620	U
75-15-0	Carbon disulfide	ND	2000	120	U
78-93-3	2-Butanone	ND	2000	780	U
108-05-4	Vinyl acetate	ND	2000	120	U
108-10-1	4-Methyl-2-pentanone	ND	2000	170	U
591-78-6	2-Hexanone	ND	2000	230	U
74-97-5	Bromochloromethane	ND	1000	130	U
594-20-7	2,2-Dichloropropane	ND	1000	160	U
106-93-4	1,2-Dibromoethane	ND	800	77.	U
142-28-9	1,3-Dichloropropane	ND	1000	85.	U
630-20-6	1,1,1,2-Tetrachloroethane	<b>N</b> D	200	66.	U
108-86-1	Bromobenzene	ND	1000	73.	U
104-51-8	n-Butylbenzene	ND	200	78.	U
135-98-8	sec-Butylbenzene	ND	200	72.	U
			nederline on exceptible cuttines		

Client

: Envirotrac Ltd.

Lab Number

: L1116534

Project Name

: ARISTOCRAT CLEANERS

**Project Number** 

Lab ID

: L1116534-04D

Date Collected

: 10/11/11 11:15

Client ID

: MW-101

Date Received

: 10/12/11

Sample Location Sample Matrix

: 212 E. HARDSDALE AVE., NY : WATER

Date Analyzed **Dilution Factor** 

: 10/17/11 17:46

Analytical Method : 1,8260B

: 400

: PD

Lab File ID

: 1017A17

Analyst Instrument ID : GONZO.I

Sample Amount

: RTX-502.2

Level

: 0.0250 ml

GC Column %Solids : N/A

: LOW

Injection Volume

Soil Extract Volume: --

		ug/L						
CAS NO.	Parameter	Results	RL	MDL	Qualifier			
98-06-6	tert-Butylbenzene	ND	1000	120	U			
95-49-8	o-Chlorotoluene	ND	1000	73.	U			
106-43-4	p-Chlorotoluene	ND	1000	74.	· U			
96-12-8	1,2-Dibromo-3-chloropropane	ND	1000	130	U			
87-68-3	Hexachlorobutadiene	ND	240	92.	U			
98-82-8	Isopropylbenzene	ND	200	75.	U			
99-87-6	p-Isopropyltoluene	ND	200	75.	U	-		
91-20-3	Naphthalene	ND	1000	87.	U			
103-65-1	n-Propylbenzene	ND	200	69.	U			
87-61-6	1,2,3-Trichlorobenzene	ND	1000	94.	U			
120-82-1	1,2,4-Trichlorobenzene	M54J	1000	88.	U	-		
108-67-8	1,3,5-Trimethylbenzene	ND	1000	84.	U	-		
95-63-6	1,2,4-Trimethylbenzene	ND	1000	110	U	CCC COSCOCICO Mentione Cost de Side Side Side Side Side Side Side S		
105-05-5	1,4-Diethylbenzene	ND	800	43.	U	-		
622-96-8	4-Ethyltoluene	ND	800	170	U	The second design of the second secon		
95-93-2	1,2,4,5-Tetramethylbenzene	ND	800	39.	U	00000000000000000000000000000000000000		
60-29-7	Ethyl ether	ND ND	1000	82.	U			
110-57-6	trans-1,4-Dichloro-2-butene	ND	1000	69.	U	**************************************		

## **Tentatively Identified Compounds Volatile**

Client

: Envirotrac Ltd.

Lab Number

: L1116534

**Project Name** 

: ARISTOCRAT CLEANERS

**Project Number** 

Lab ID

: L1116534-04D

Date Collected

: 10/11/11 11:15

Client ID

: MW-101

Date Received Date Analyzed : 10/12/11

Sample Matrix

Sample Location : 212 E. HARDSDALE AVE., NY

**Dilution Factor** 

: 10/17/11 17:46

Analytical Method : 1,8260B

: WATER

: 400 Analyst

: PD

Lab File ID Sample Amount

: 1017A17 : 0.0250 ml

Instrument ID GC Column

: GONZO.I : RTX-502.2

Level

%Solids

: LOW

: N/A

Soil Extract Volume: --

Injection Volume

Number TICS found: 0

Concentration Units: ug/L

**CAS Number** 

**Compound Name** 

RT

EST. CONC.

Qualifier

NO TENTATIVELY IDENTIFIED COMPOUNDS

W 1/25/11



Dage 66 of 5010

Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-05

Client ID : FIELD BLANK-1 (PUMP)
Sample Location : 212 F. HARDSDALF AVE. N

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER
Analytical Method : 1,8260B
Lab File ID : 1014A05
Sample Amount : 10.0 ml

Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number

Date Collected : 10/11/11 16:00

Date Received : 10/12/11

Date Analyzed : 10/14/11 10:36

Dilution Factor : 1 Analyst : PD

Instrument ID : GONZO.I GC Column : RTX-502.2

%Solids : N/A

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	***************************************
75-09-2	Methylene chloride	2.9	5.0	0.54	J	
75-34-3	1,1-Dichloroethane	ND	0.75	0.22	U	····
67-66-3	Chloroform	0.30	0.75	0.20	J	
56-23-5	Carbon tetrachloride	. ND	0.50	0.16	U	
78-87-5	1,2-Dichloropropane	ND	1.8	0.30	U	***
124-48-1	Dibromochloromethane	ND	0.50	0.19	U	
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.26	U	
127-18-4	Tetrachloroethene	ND	0.50	0.18	U	
108-90-7	Chlorobenzene	ND	0.50	0.19	U	
75-69-4	Trichlorofluoromethane	ND	2.5	0.27	U	***************************************
107-06-2	1,2-Dichloroethane	, ND	0.50	0.16	U	,
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U	
75-27-4	Bromodichloromethane	ND	0.50	0.19	U	WC29099000000000000000000000000000000000
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U	REAGANT WARREST COURS FOR WARREST WAS S
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U	
563-58-6	1,1-Dichloropropene	ND	2.5	0.26	U .	
75-25-2	Bromoform	ND	2.0	0.25	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.19	U	
71-43-2	Benzene	ND	0.50	0.19	U	
108-88-3	Toluene	ND	0.75	0.23	U	-
100-41-4	Ethylbenzene	ND	0.50	0.26	U	
74-87-3	Chloromethane	ND	2.5	0.28	U	
74-83-9	Bromomethane	ND	1.0	0.26	U	m (tersali) aanimataania
75-01-4	Vinyl chloride	ND	1.0	0.22	U	
75-00-3	Chloroethane	ND	1.0	0.23	U	
75-35-4	1,1-Dichloroethene	ND	0.50	0.18	U	**************************************
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.21	U	to design also gripped and the state of the property and a physical and the state of the state o
**************************************						



Client

: Envirotrac Ltd.

Lab Number

: L1116534

Project Name

: ARISTOCRAT CLEANERS

Project Number

Lab ID

: L1116534-05

Date Collected

: 10/11/11 16:00

Client ID

: FIELD BLANK-1 (PUMP)

Date Received

: 10/12/11

Sample Location

: 212 E. HARDSDALE AVE., NY

Date Analyzed

: 10/14/11 10:36

Sample Matrix Analytical Method : 1,8260B

: WATER

**Dilution Factor** Analyst

: 1 : PD

Lab File ID

: 1014A05

Instrument ID

Sample Amount

: GONZO.I

: 10.0 ml

GC Column

: RTX-502.2

Level

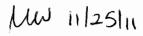
: LOW

%Solids

: N/A

Soil Extract Volume: --

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
<b></b>	**************************************					
79-01-6	Trichloroethene	ND.	0.50	0.17	U	corederate and consistence
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19		
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.22	U	
1634-04-4	Methyl tert butyl ether	ND	1.0	0.16	U	CONTRACTOR
106-42-3/108-38-3	p/m-Xylene	ND	1.0	0.35	U	·
95-47-6	o-Xylene	ND	1.0	0.33	U	
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U	
74-95-3	Dibromomethane	. ND	5.0	0.36	U	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.43	U	
107-13-1	Acrylonitrile	ND	5.0	0.43	U	
100-42-5	Styrene	ND	1.0	0.36	U	
75-71-8	Dichlorodifluoromethane	<b>炒</b> ロブ	5.0	0.30	U	
67-64-1	Acetone	ND	5.0	1.6	U	
75-15-0	Carbon disulfide	ND	5.0	0.30	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-05-4	Vinyl acetate	ND	5.0	0.31	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U	-
591-78-6	2-Hexanone	ND	5.0	0.58	U	
74-97-5	Bromochloromethane	ND .	2.5	0.33	U	-
594-20-7	2,2-Dichloropropane	ND ·	2.5	0.40	U	***************************************
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U	
142-28-9	1,3-Dichloropropane	ND	2.5	0.21	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.16	U	
108-86-1	Bromobenzene	ND	2.5	0.18	U	
104-51-8	n-Butylbenzene	ND	0.50	0.20	U	
135-98-8	sec-Butylbenzene	ND	0.50	0.18	U	***************************************
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Client

: Envirotrac Ltd.

Project Name

: ARISTOCRAT CLEANERS

Lab ID

: L1116534-05

Client ID

: FIELD BLANK-1 (PUMP) : 212 E. HARDSDALE AVE., NY

Sample Location Sample Matrix

: WATER

Analytical Method : 1,8260B Lab File ID

: 1014A05

Sample Amount

: 10.0 ml

Level

: LOW

Soil Extract Volume: --

Lab Number

: L1116534

**Project Number** 

**Date Collected** 

: 10/11/11 16:00

Date Received

: 10/12/11 : 10/14/11 10:36

Date Analyzed **Dilution Factor** 

: 1

Analyst

: PD

Instrument ID GC Column

: GONZO.I : RTX-502.2

%Solids

: N/A

	Parameter	ug/L			
CAS NO.		Results	RL .	MDL	Qualifier
98-06-6	tert-Butylbenzene	ND	2.5	0.30	U
95-49-8	o-Chlorotoluene	ND	2.5	0.18	U
106-43-4	p-Chlorotoluene	ND	2.5	0.18	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.33	U
87-68-3	Hexachlorobutadiene	ND	0.60	0.23	U ,
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
99-87-6	p-Isopropyltoluene	ŅD	0.50	0.19	U
91-20-3	Naphthalene	ND	2.5	0.22	U
103-65-1	n-Propylbenzene	ND .	0.50	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.21	· U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.27	U .
105-05-5	1,4-Diethylbenzene	ND	2.0	0.11	U
622-96-8	4-Ethyltoluene	ND	2.0	0.42	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.10	U
60-29-7	Ethyl ether	. ND	2.5	0.20	U
110-57-6	trans-1,4-Dichloro-2-butene	· ND	2.5	0.17	U
			() - () - ( - () - ( - () - () - () - (		

## **Tentatively Identified Compounds Volatile**

Client

: Envirotrac Ltd.

Lab Number : L1116534

**Project Name** 

: ARISTOCRAT CLEANERS

**Project Number** 

Lab ID Client ID : L1116534-05

**Date Collected** 

: 10/11/11 16:00 : 10/12/11

Sample Location

: FIELD BLANK-1 (PUMP) : 212 E. HARDSDALE AVE., NY **Date Received** Date Analyzed

: 10/14/11 10:36

Sample Matrix

: WATER

**Dilution Factor** 

: 1

Analytical Method : 1,8260B Lab File ID

: 1014A05

Analyst

: PD : GONZO.I

Sample Amount

: 10.0 ml

Instrument ID GC Column

: RTX-502.2

Level

: LOW

%Solids

: N/A

Soil Extract Volume: --

Injection Volume

Number TICS found: 0

Concentration Units: ug/L

**CAS Number** 

**Compound Name** 

RT

EST. CONC.

Qualifier

NO TENTATIVELY IDENTIFIED COMPOUNDS

lud 11/25/11



Client : Envirotrac Ltd.

: ARISTOCRAT CLEANERS Project Name

Lab ID : L1116534-06 Client ID : TRIP BLANK

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER Analytical Method : 1,8260B Lab File ID : 1014A06 Sample Amount : 10.0 ml Level

: LOW

Soil Extract Volume: --

Lab Number : L1116534

**Project Number** 

Date Collected : 10/11/11 00:00

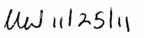
Date Received : 10/12/11 Date Analyzed : 10/14/11 11:09

**Dilution Factor** : 1 Analyst : PD

Instrument ID : GONZO.I GC Column : RTX-502.2

%Solids : N/A

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	***************************************
75-09-2	Methylene chloride	ND	5.0	0.54	U	
75-34-3	1,1-Dichloroethane	ND	0.75	0.22	U	unnindiste
67-66-3	Chloroform	ND ND	0.75	0.20	J	
56-23-5	Carbon tetrachloride	ND	0.73	0.16	U	
78-87-5	1,2-Dichloropropane	ND ND	1.8	0.30	U	************
124-48-1	Dibromochloromethane	· ND	0.50	0.30	U	***************************************
79-00-5		the Philosophia and the Combination of the Combinat	Market State of the Control of the C			
127-18-4	1,1,2-Trichloroethane	ND	0.75	0.26	U	******************************
	Tetrachloroethene	ND	0.50	0.18	U	
108-90-7	Chlorobenzene	ND	0.50	0.19	U	***********
75-69-4	Trichlorofluoromethane	ND .	2.5	0.27	<b>U</b>	N/A* - 14 - 1 - 1 - 14 - 14 - 14 - 14 - 14
107-06-2	1,2-Dichloroethane	ND ·	0.50	0.16	<b>U</b> .	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U	
75-27-4	Bromodichloromethane	ND	0.50	0.19	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U	
563-58-6	1,1-Dichloropropene	ND	2.5	0.26	U	
75-25-2	Bromoform	ND	2.0	0.25	U	
79-34-5	1,1,2,2-Tetraichloroethane	ND	0.50	0.19	U	
71-43-2	Benzene	ND	0.50	0.19	U	
108-88-3	Toluene	ND	0.75	0.23	U	elektronom girk man medele
100-41-4	Ethylbenzene	ND	0.50	0.26	U	******************
74-87-3	Chloromethane	ND	2.5	0.28	U	
74-83-9	Bromomethane	ND	1.0	0.26	U	ma imiliari
75-01-4	Vinyl chloride	ND	1.0	0.22	U	
75-00-3	Chloroethane	ND	1.0	0.23	U	
75-35-4	1,1-Dichloroethene	ND	0.50	0.18	U	
156-60-5	trans-1,2-Dichloroethene	· ND	0.75	0.21	U	II ACCOMACHINACADA C





Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-06 Client ID : TRIP BLANK

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER Analytical Method : 1,8260B Lab File ID : 1014A06 Sample Amount : 10.0 ml Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

**Project Number** 

: 10/11/11 00:00 Date Collected

Date Received : 10/12/11

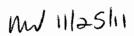
Date Analyzed : 10/14/11 11:09

**Dilution Factor** : 1 Analyst : PD Instrument ID : GONZO.I

GC Column : RTX-502.2

%Solids : N/A

04040	_		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	*******************************
79-01-6	Trichloroethene	ND	0.50	0.17	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.22	U	
1634-04-4	Methyl tert butyl ether	ND	1.0	0.16	U	******************************
106-42-3/108-38-3	p/m-Xylene	ND	1.0	0.35	U	
95-47-6	o-Xylene	, ND	1.0	0.33	U	en en englesche en en ensche en ech en en enschedible en en
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U	***************************************
74-95-3	Dibromomethane	ND	5.0	0.36	U	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.43	U	
107-13-1	Acrylonitrile	ND	5.0	0.43	U	
100-42-5	Styrene	ND	1.0	0.36	U	enth diserten entitled is a transmission descin
75-71-8	Dichlorodifluoromethane	LUCK	5.0	0.30	U	and the control of th
67-64-1	Acetone	ND	5.0	1.6	U	
75-15-0	Carbon disulfide	ND	5.0	0.30	U	
78-93-3	2-Butanone	ND ND	5.0	1.9	U	744174777777777777777777777777777777777
108-05-4	Vinyl acetate	ND	5.0	0.31	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U	eter reer reer reer en
591-78-6	2-Hexanone	ND	5.0	0.58	U	
74-97-5	Bromochloromethane	ND	2.5	0.33	U	
594-20-7	2,2-Dichloropropane	, ND	2.5	0.40	υ	
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U	
142-28-9	1,3-Dichloropropane	ND	2.5	0.21	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.16	U	
108-86-1	Bromobenzene	ND	2.5	0.18	U	
104-51-8	n-Butylbenzene	ND	0.50	0.20	U	
135-98-8	sec-Butylbenzene	ND	0.50	0.18	U	





Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-06 Client ID : TRIP BLANK

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER
Analytical Method : 1,8260B
Lab File ID : 1014A06
Sample Amount : 10.0 ml
Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number

Date Collected : 10/11/11 00:00

Date Received : 10/12/11
Date Analyzed : 10/14/11 11:09

Dilution Factor : 1
Analyst : PD
Instrument ID : GONZO.I

GC Column : RTX-502.2 %Solids : N/A

		<u>-</u>	ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	***************************************
98-06-6	tert-Butylbenzene	ND	2.5	0.30	U	••••
95-49-8	o-Chlorotoluene	ND	2.5	0.18	U	
106-43-4	p-Chlorotoluene	ND	2.5	0.18	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.33	U	
87-68-3	Hexachlorobutadiene	ND	0.60	0.23	U	
98-82-8	Isopropylbenzene	ND	0.50	0.19	U	
99-87-6	p-Isopropyltoluene	ND	0.50	0.19	U	***************************************
91-20-3	Naphthalene	ND	2.5	0.22	U	
103-65-1	n-Propylbenzene	ND	0.50	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.21	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.27	U	
105-05-5	1,4-Diethylbenzene	ND	2.0	0.11	U	***************************************
622-96-8	4-Ethyltoluene	ND	2.0	0.42	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.10	U	***************************************
60-29-7	Ethyl ether	ND	2.5	0.20	U	
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.17	U	
WWW.WWW.WWW.WWW.WWW.WW.WW.WW.WW.WW.WW.W		**************************************	······································			**************



## Tentatively Identified Compounds Volatile

6

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number : Lab ID Date Collected : 10/11/11 00:00

Lab ID: L1116534-06Date Collected: 10/11/11 00:00Client ID: TRIP BLANKDate Received: 10/12/11Sample Location: 212 E. HARDSDALE AVE., NYDate Analyzed: 10/14/11 11:09

Sample Matrix: WATERDilution Factor: 1Analytical Method: 1,8260BAnalyst: PDLab File ID: 1014A06Instrument ID: GONZO.ISample Amount: 10.0 mlGC Column: RTX-502.2

Level : LOW %Solids : N/A

Soil Extract Volume: -- Injection Volume :

Number TICS found: 0 Concentration Units: ug/L

CAS Number Compound Name RT EST. CONC. Qualifier

NO TENTATIVELY IDENTIFIED COMPOUNDS



Client

: Envirotrac Ltd.

Lab Number : L1116534

Project Name

: ARISTOCRAT CLEANERS

**Project Number** 

Lab ID

: L1116534-07

Date Collected

: 10/11/11 12:30

Client ID

: SS-1

Date Received

: 10/12/11

Sample Matrix

Sample Location : 212 E. HARDSDALE AVE., NY : SOIL

Date Analyzed **Dilution Factor** 

: 10/14/11 15:18

Analytical Method : 1,8260B

Analyst

: BN

Lab File ID

: 1014A18

Instrument ID : VOA100.I

ug/Kg

Sample Amount Level

75-00-3

75-35-4

156-60-5

: 2.00 g : LOW

Chloroethane

1,1-Dichloroethene

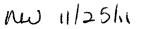
trans-1,2-Dichloroethene

GC Column : RTX-502.2 %Solids : 82

Soil Extract Volume: --

Injection Volume

CAS NO. **Parameter** Results RL MDL Qualifier 75-09-2 Methylene chloride ND 30 2.5 U 75-34-3 1,1-Dichloroethane ND 4.6 0.90 U 67-66-3 ND Chloroform 4.6 0.99 U 56-23-5 Carbon tetrachloride ND 3.0 0.64 U U 78-87-5 1,2-Dichloropropane ND 0.78 11 124-48-1 Dibromochloromethane ND 3.0 0.94 Ų 79-00-5 ND 1,1,2-Trichloroethane 4.6 1.2 U 127-18-4 Tetrachloroethene 640 3.0 0.93 108-90-7 Chlorobenzene ND 3.0 0.57 U 75-69-4 Trichlorofluoromethane ND 15 1.2 U 107-06-2 1,2-Dichloroethane ND 0.69 U 3.0 71-55-6 1,1,1-Trichloroethane ND 3.0 0.82 U 75-27-4 ND U Bromodichloromethane 1.2 3.0 10061-02-6 trans-1,3-Dichloropropene ND 3.0 0.92 U 10061-01-5 ND U cis-1,3-Dichloropropene 3.0 0.81 563-58-6 1,1-Dichloropropene ND 15 1.4 U 75-25-2 Bromoform ND 12 1.5 U 79-34-5 1,1,2,2-Tetrachloroethane ND 3.0 0.73 U 71-43-2 Benzene ND 3.0 0.91 U ND 108-88-3 Toluene 4.6 0.74 U 100-41-4 Ethylbenzene ND 3.0 0.68 U ND 74-87-3 Chloromethane 15 2.4 U 74-83-9 Bromomethane ND 6.1 2.0 U 75-01-4 Vinyl chloride ND 6.1 2.3 U



ND

ND

6.1

3.0

4.6

1.3

0.79

1.2

U

U

J



7

Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-07

Client ID : SS-1

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : SOIL
Analytical Method : 1,8260B
Lab File ID : 1014A18
Sample Amount : 2.00 g

Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number

Date Collected : 10/11/11 12:30

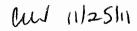
Date Received : 10/12/11

Date Analyzed : 10/14/11 15:18 Dilution Factor : 1

Analyst : BN
Instrument ID : VOA100.I
GC Column : RTX-502.2

%Solids : 82

			ug/Kg		
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	· ND	3.0	0.68	U
95-50-1	1,2-Dichlorobenzene	ND	15	1.1	U
541-73-1	1,3-Dichlorobenzene	ND	15	1.2	
106-46-7	1,4-Dichlorobenzene	ND	15	1.3	U
1634-04-4	Methyl tert butyl ether	ND	6.1	1.5	U
106-42-3/108-38-3	p/m-Xylene	ND	6.1	1.3	U
95-47-6	o-Xylene	ND	6.1	1.3	U
156-59-2	cis-1,2-Dichloroethene	88 J	3.0	0.92	
74-95-3	Dibromomethane	ND	30	1.3	U
100-42-5	Styrene	. ND	6.1	2.2	U
75-71-8	Dichlorodifluoromethane	ye uJ	30	1.2	U
67-64-1	Acetone	ND	30	9.9	V
75-15-0	Carbon disulfide	ye u I	30	1.1	U
78-93-3	2-Butanone	ND	30	12.	U
108-05-4	Vinyl acetate	· ND	30	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	30	2.5	U
96-18-4	1,2,3-Trichloropropane	ND	30	1.2	U
591-78-6	2-Hexanone	MOUT	30	1.2	U
74-97-5	Bromochloromethane	ND .	15	0.92	· U
594-20-7	2,2-Dichloropropane	ND	15	2.4	U
106-93-4	1,2-Dibromoethane	ND	12	1.2	U
142-28-9	1,3-Dichloropropane	ND	15	1.7	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.0	1.0	U
108-86-1	Bromobenzene	ND	15	0.67	U
104-51-8	n-Butylbenzene	ND	3.0	0.96	U
135-98-8	sec-Butylbenzene	ND	3.0	0.84	U
98-06-6	tert-Butylbenzene	ND	15	1.8	U
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: L1116534

## Form 1 Volatile

Client : Envirotrac Ltd. Lab Number

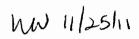
Project Name : ARISTOCRAT CLEANERS Project Number

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 15:18

Sample Matrix: SOILDilution Factor: 1Analytical Method: 1,8260BAnalyst: BNLab File ID: 1014A18Instrument ID: VOA100.ISample Amount: 2.00 gGC Column: RTX-502.2

Level: LOW %Solids: 82 Soil Extract Volume: -- Injection Volume:

ug/Kg Qualifier CAS NO. **Parameter** Results RL MDL ND 15 0.95 U 95-49-8 o-Chlorotoluene 106-43-4 p-Chlorotoluene ND 15 1.1 U U 96-12-8 1,2-Dibromo-3-chloropropane ND 15 2.6 ND 15 U 87-68-3 Hexachlorobutadiene 1.4 U 3.0 0.54 98-82-8 Isopropylbenzene ND ND 3.0 0.83 99-87-6 p-Isopropyltoluene U Naphthalene ND 15 2.3 U 91-20-3 MUJ Acrylonitrile 30 1.1 U 107-13-1 0.86 U 103-65-1 n-Propylbenzene ND 3.0 87-61-6 1,2,3-Trichlorobenzene ND 15 1.2 U U ND 15 2.4 120-82-1 1,2,4-Trichlorobenzene ND 15 1.8 U 108-67-8 1,3,5-Trimethylbenzene ND 1.7 U 1,2,4-Trimethylbenzene 15 95-63-6 105-05-5 1,4-Diethylbenzene ND 12 0.61 U ND 0.30 U 4-Ethyltoluene 12 622-96-8 1,2,4,5-Tetramethylbenzene ND 12 0.55 U 95-93-2 1.2 U ND 15 60-29-7 Ethyl ether U 110-57-6 trans-1,4-Dichloro-2-butene ND 15 4.5





### **Tentatively Identified Compounds Volatile**

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS **Project Number** 

: L1116534-07 **Date Collected** : 10/11/11 12:30 Lab ID Client ID : SS-1 Date Received : 10/12/11

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 15:18 Sample Matrix **Dilution Factor** : 1 : SOIL : BN

Analyst Analytical Method : 1,8260B Lab File ID : 1014A18 Instrument ID : VOA100.I Sample Amount GC Column : RTX-502.2 : 2.00 g

Level : LOW Soil Extract Volume: --Injection Volume

Number TICS found: 10

Concentration Units: ug/Kg

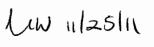
: 82

CAS Number	Compound Name	. RT	EST. CONC.	Qualifier	
	Unknown	14.15	52	1 J	
	Unknown	14.42	100		
	Unknown	14.62	59		
54676-39-0	Cyclohexane, 2-butyl-1,1,3-	14.75	88		,
-	Unknown	14.85	54		Water-reserve reserves and rese
	Unknown	15.24	340		***************************************
***************************************	Unknown	16.02	850		
	Unknown	16.20	100		
80655-44-3	Decahydro-4,4,8,9,10-pentam	16.31	490	4	
	Unknown	16.91	560	4 \$	

%Solids

Total TIC Compounds

2693





Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-08D

Client ID : SSV-2

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : SOIL
Analytical Method : 1,8260B
Lab File ID : 1017A06
Sample Amount : 0.400 g
Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number

Date Collected : 10/11/11 13:30

Date Received : 10/12/11

Date Analyzed : 10/17/11 19:18 Dilution Factor : 5

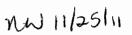
Analyst : BN

Instrument ID : VOA100.I GC Column : RTX-502.2

%Solids : 76

Injection Volume :

	Parameter		ug/Kg			
CAS NO.		Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	160	13.	U	
75-34-3	1,1-Dichloroethane	, ND	25	4.8	<b>U</b>	~~~~
67-66-3	Chloroform	ND	25	5.3	<u>.</u>	ee-gevener.
56-23-5	Carbon tetrachloride	ND	16	3.5	U	
78-87-5	1,2-Dichloropropane	ND	58	4.2	U	-
124-48-1	Dibromochloromethane	ND	16	5.1	U	
79-00-5	1,1,2-Trichloroethane	ND	25	6.5	U	
127-18-4	Tetrachloroethene	1300	16	5.0		
108-90-7	Chlorobenzene	ND	16	3.1	U	
75-69-4	Trichlorofluoromethane	LN DK	82 ·	6.4	U	
107-06-2	1,2-Dichloroethane	ND	16	3.7	U	***************************************
71-55-6	1,1,1-Trichloroethane	ND	16	4.4	U	./*************************************
75-27-4	Bromodichloromethane	ND	16	6.3	U	
10061-02-6	trans-1,3-Dichloropropene	ND ·	16	4.9	U	
10061-01-5	cis-1,3-Dichloropropene	ND .	16	4.4	U	
563-58-6	1,1-Dichloropropene	ND	82	7.5	U	
75-25-2	Bromoform	ND	66	8.1	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	16	4.0	U	
71-43-2	Benzene	ND	16	4.9	U	
108-88-3	Toluene	ND	25	4.0	U	
100-41-4	Ethylbenzene	ND	16	3.6	U	***************************************
74-87-3	Chloromethane	ND	82	13.	U	
74-83-9	Bromomethane	ND	33	11.	U	
75-01-4	Vinyl chloride	ND ·	33	12.	U	***************************************
75-00-3	Chloroethane	ND	33	7.2	U	
75-35-4	1,1-Dichloroethene	· ND	16	4.3	U	
156-60-5	trans-1,2-Dichloroethene	ND	25	6.4	U	
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Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-08D

Client ID : SSV-2

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : SOIL Analytical Method : 1,8260B Lab File ID : 1017A06 Sample Amount : 0.400 g

Soil Extract Volume: --

Level : LOW Lab Number : L1116534

**Project Number** 

**Date Collected** : 10/11/11 13:30

**Date Received** : 10/12/11

Date Analyzed : 10/17/11 19:18 **Dilution Factor** : 5

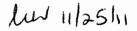
Analyst : BN

Instrument ID : VOA100.I GC Column : RTX-502.2

%Solids : 76

Injection Volume

			ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
79-01-6	Trichloroethene	ND	16	3.7	U	
95-50-1	1,2-Dichlorobenzene	ND	82	6.0	U	
541-73-1	1,3-Dichlorobenzene	ND	82	6.6	U	
106-46-7	1,4-Dichlorobenzene	ND	82	6.9	U	
1634-04-4	Methyl tert butyl ether	ND	33	8.0	U	
106-42-3/108-38-3	p/m-Xylene	ND	33	7.1	U	
95-47-6	o-Xylene	ND	33	6.9	Ų	
156-59-2	cis-1,2-Dichloroethene	ND	16	5.0	U	
74-95-3	Dibromomethane	ND .	160	7.2	U	
100-42-5	Styrene	ND	33	12.	U	
75-71-8	Dichlorodifluoromethane	ng uj	160	6.4	U	TT TEAT TO LOOK THE SEARCH AND
67-64-1	Acetone	. ND	160	53.	U	
75-15-0	Carbon disulfide	wuJ	160	6.2	U	
78-93-3	2-Butanone	ND	160	64.	U	Marie Control of the
108-05-4	Vinyl acetate	ND	160	12.	U ·	
108-10-1	4-Methyl-2-pentanone	ND	160	13.	U	- -
96-18-4	1,2,3-Trichloropropane	ND	160	6.4	U	
591-78-6	2-Hexanone	ND	160	6.5	U	
74-97-5	Bromochloromethane	ND	82	5.0	Ú	THE TITLE OF THE TOTAL STATE OF THE STATE OF THE
594-20-7	2,2-Dichloropropane	ND	82	13.	U	HAMILI II I I I I I I I I I I I I I I I I
106-93-4	1,2-Dibromoethane	ND	66	6.7	U	
142-28-9	1,3-Dichloropropane	ND	82	9.3	U	######################################
630-20-6	1,1,1,2-Tetrachloroethane	. ND	16	5.4	U	
108-86-1	Bromobenzene	ND	82	3.6	U	***************************************
104-51-8	n-Butylbenzene	ND	16	5.2	U	
135-98-8	sec-Butylbenzene	· ND	16	4.5	U	14.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.
98-06-6	tert-Butylbenzene	ND	82	9.9	U	
	· ·		***********			A





Client

: Envirotrac Ltd.

Project Name

: ARISTOCRAT CLEANERS

Lab ID

: L1116534-08D

Client ID

: SSV-2

Sample Location

: 212 E. HARDSDALE AVE., NY

Sample Matrix Analytical Method : 1,8260B Lab File ID

: SOIL : 1017A06

Sample Amount

: 0.400 g

Level

: LOW

Soil Extract Volume: --

Lab Number

**Project Number** 

Date Collected

Date Received

: 10/11/11 13:30 : 10/12/11

: L1116534

Date Analyzed

: 10/17/11 19:18

**Dilution Factor** 

: 5 : BN

Analyst

Instrument ID

: VOA100.I

GC Column

: RTX-502.2

%Solids

: 76

Injection Volume

			ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
95-49-8	o-Chlorotoluene	ND	82	5.1	U	
106-43-4	p-Chlorotoluene	ND	82	5.9	U	1
96-12-8	1,2-Dibromo-3-chloropropane	ND	82	14.	<b>U</b>	
87-68-3	Hexachlorobutadiene	ND	82	7.5	U	
98-82-8	Isopropylbenzene	ND	16	2.9	U	***************************************
99-87-6	p-Isopropyltoluene	ND	16	4.5	U	-
91-20-3	Naphthalene	ND	82	13.	U	
107-13-1	Acrylonitrile	. ND	160	6.2	U	•••••••••••••••••••••••••••••••••••••••
103-65-1	n-Propylbenzene	ND	16	4.7	U	
87-61-6	1,2,3-Trichlorobenzene	ND	82	6.6	U	
120-82-1	1,2,4-Trichlorobenzene	ND	82	13.	U	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
108-67-8	1,3,5-Trimethylbenzene	ND	82	9.9	U	
95-63-6	1,2,4-Trimethylbenzene	ND	82	9.4	U	
105-05-5	1,4-Diethylbenzene	ND	66	3.3	U	////// <del>///////////////////////////////</del>
622-96-8	4-Ethyltoluene	ND	66	1.6	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	66	3.0	U	
60-29-7	Ethyl ether	ND	82	6.2	U	
110-57-6	trans-1,4-Dichloro-2-butene	ND	82	24.	U	



### **Tentatively Identified Compounds** Volatile

Client	: Envirotrac Ltd.	Lab Number	: L1116534
Project Name	: ARISTOCRAT CLEANERS	Project Number	:
Lab ID	: L1116534-08D	Date Collected	: 10/11/11 13:30
Client ID	: SSV-2	Date Received	: 10/12/11
Sample Location	: 212 E. HARDSDALE AVE., NY	Date Analyzed	: 10/17/11 19:18
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260B	Analyst	: BN
Lab File ID	: 1017A06	Instrument ID	: VOA100.I
Sample Amount	: 0.400 g	GC Column	: RTX-502.2
Level	: LOW	%Solids	: 76
Soil Extract Volume	e:	Injection Volume	• :

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.72	52	15
	Unknown	3.11	42	ŢŢ.
			-	

**Total TIC Compounds** 



MU 11/25/1 Page 82 of 5010

Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-09

Client ID : SB-101

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : SOIL Analytical Method : 1,8260B Lab File ID : 1014A22 Sample Amount : 2.00 g

Soil Extract Volume: --

Level : LOW Lab Number : L1116534

**Project Number** 

Date Collected : 10/11/11 14:00

Date Received : 10/12/11

: 10/14/11 17:05 Date Analyzed **Dilution Factor** : 1

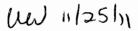
Analyst : BN

Instrument ID : VOA100.I GC Column : RTX-502.2

%Solids : 82

Injection Volume

		ug/Kg			
Parameter	Results	RL	MDL	Qualifier	
Methylene chloride	ND	30	2.5	U	*************
1,1-Dichloroethane	ND	4.6	0.90	U	www.
Chloroform	ND	4.6	0.99	U .	
Carbon tetrachloride	ND	3.0	0.64	U	
1,2-Dichloropropane	ND	11	0.78	U	
Dibromochloromethane	ND	3.0	0.94	U	
1,1,2-Trichloroethane	ND	4.6	1.2	U	
Tetrachloroethene	220	3.0	0.93		
Chlorobenzene	, ND	3.0	0.57	U	
Trichlorofluoromethane	ND ND	15	1.2	U	-
1,2-Dichloroethane	ND	3.0	0.69	U	
1,1,1-Trichloroethane	ND	3.0	0.82	U	
Bromodichloromethane	ND	3.0	1.2	U .	diserran assessessessessessessessessessessessesse
trans-1,3-Dichloropropene	ND	3.0	0.92	U	
cis-1,3-Dichloropropene	ND	3.0	0.81	U	
1,1-Dichloropropene	ND	15	1.4	U	and the second
Bromoform	ND	12	1.5	U	
1,1,2,2-Tetrachloroethane	ND .	3.0	0.73	U	#00***********************************
Benzene	ND .	3.0	0.91	·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Toluene	, ND	4.6	0.74	U .	
Ethylbenzene	ND.	3.0	0.68	U	erithoor-rom-roccou
Chloromethane	ND	15	2.4	U	***************************************
Bromomethane	ND	6.1	2.0	U	
Vinyl chloride	ND	6.1	2.3	U	nnidenendendese wes
Chloroethane	ND	6.1	1.3	U	
1,1-Dichloroethene	ND .	3.0	0.79	U	· reenega.co
trans-1,2-Dichloroethene	ND	4.6	1.2	<u>U</u>	
	Methylene chloride  1,1-Dichloroethane Chloroform Carbon tetrachloride 1,2-Dichloropropane Dibromochloromethane 1,1,2-Trichloroethane Tetrachloroethene Chlorobenzene Trichlorofluoromethane 1,2-Dichloroethane 1,1,1-Trichloroethane Bromodichloromethane trans-1,3-Dichloropropene cis-1,3-Dichloropropene Bromoform 1,1,2,2-Tetrachloroethane Benzene Toluene Ethylbenzene Chloromethane Bromomethane Vinyl chloride Chloroethane 1,1-Dichloroethane	Methylene chloride         ND           1,1-Dichloroethane         ND           Chloroform         ND           Carbon tetrachloride         ND           1,2-Dichloropropane         ND           Dibromochloromethane         ND           1,1,2-Trichloroethane         ND           Tetrachloroethene         220           Chlorobenzene         ND           Trichlorofluoromethane         ND           1,2-Dichloroethane         ND           Bromodichloromethane         ND           trans-1,3-Dichloropropene         ND           trans-1,3-Dichloropropene         ND           1,1-Dichloropropene         ND           1,1-Dichloropropene         ND           Bromoform         ND           Benzene         ND           Toluene         ND           Ethylbenzene         ND           Chloromethane         ND           Vinyl chloride         ND           Chloroethane         ND           1,1-Dichloroethene         ND	Parameter         Results         RL           Methylene chloride         ND         30           1,1-Dichloroethane         ND         4,6           Chloroform         ND         4,6           Carbon tetrachloride         ND         3,0           1,2-Dichloropropane         ND         11           Dibromochloromethane         ND         3,0           1,1,2-Trichloroethane         ND         4,6           Tetrachloroethene         220         3,0           Chlorobenzene         ND         3,0           Trichlorofluoromethane         ND         3,0           1,2-Dichloroethane         ND         3,0           1,1,1-Trichloroethane         ND         3,0           Bromodichloromethane         ND         3,0           trans-1,3-Dichloropropene         ND         3,0           trans-1,3-Dichloropropene         ND         1,5           Bromoform         ND         15           Bromoform         ND         1,5           Toluene         ND         3,0           Toluene         ND         3,0           Ethylbenzene         ND         6,1           Vinyl chloride         ND	Parameter         Results         RL         MDL           Methylene chloride         ND         30         2.5           1,1-Dichloroethane         ND         4.6         0.90           Chloroform         ND         4.6         0.99           Carbon tetrachloride         ND         3.0         0.64           1,2-Dichloropropane         ND         11         0.78           Dibromochloromethane         ND         3.0         0.94           1,1,2-Trichloroethane         ND         3.0         0.94           1,1,2-Trichloroethane         ND         3.0         0.93           Chlorobenzene         ND         3.0         0.57           Trichlorofluoromethane         ND         3.0         0.69           1,1,1-Trichloroethane         ND         3.0         0.82           Bromodichloromethane         ND         3.0         0.82           Bromodichloropropene         ND         3.0         0.81           1,1-Dichloropropene         ND         3.0         0.81           1,1-Dichloropropene         ND         3.0         0.73           Benzene         ND         3.0         0.91           Toluene         N	Parameter         Results         RL         MDL         Qualifier           Methylene chloride         ND         30         2.5         U           1,1-Dichloroethane         ND         4.6         0.99         U           Chloroform         ND         4.6         0.99         U           Carbon tetrachloride         ND         3.0         0.64         U           1,2-Dichloropropane         ND         11         0.78         U           Dibromochloromethane         ND         3.0         0.94         U           1,1,2-Trichloroethane         ND         3.0         0.94         U           Tetrachloroethane         ND         3.0         0.93         U           Chlorobenzene         ND         3.0         0.57         U           Trichlorofluoromethane         ND         3.0         0.57         U           Trichlorofluoromethane         ND         3.0         0.69         U           1,1,1-Trichloroethane         ND         3.0         0.82         U           Bromodichloromethane         ND         3.0         0.82         U           trans-1,3-Dichloropropene         ND         3.0         0.81





: L1116534

### Form 1 **Volatile**

Client : Envirotrac Ltd. Lab Number

Project Name : ARISTOCRAT CLEANERS **Project Number** 

Lab ID : L1116534-09 Date Collected : 10/11/11 14:00 Client ID : SB-101 Date Received : 10/12/11

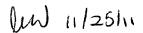
Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 17:05 Sample Matrix : SOIL **Dilution Factor** : 1

Analytical Method : 1,8260B : BN Analyst Lab File ID : 1014A22 Instrument ID : VOA100.I Sample Amount : 2.00 g GC Column : RTX-502.2 Level

: LOW %Solids : 82

Soil Extract Volume: --Injection Volume

			ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	**********
79-01-6	Trichloroethene	ND	3.0	0.68	U	
95-50-1	1,2-Dichlorobenzene	ND	15	1.1	U	
541-73-1	1,3-Dichlorobenzene	ND	15	1.2	U	***
106-46-7	1,4-Dichlorobenzene	ND	15	1.3	U	
1634-04-4	Methyl tert butyl ether	ND	6.1	1.5	U	***************************************
106-42-3/108-38-3	p/m-Xylene	ND	6.1	1.3	U	***************************************
95-47-6	o-Xylene	ND	6.1	1.3	U	**************************************
156-59-2	cis-1,2-Dichloroethene	8.3 丁	3.0	0.92		
74-95-3	Dibromomethane	ND .	30	1.3	U	***************************************
100-42-5	Styrene	ND	6.1	2.2	U	
75-71 <del>-</del> 8	Dichlorodifluoromethane	JUON	30	1.2	U	
67-64-1	Acetone	ND	30	9.9	U	
75-15-0	Carbon disulfide	wuJ	30	1.1	U	************
78-93-3	2-Butanone	ND	30	12.	U	
108-05-4	Vinyl acetate	ND	30	2.3	U	
108-10-1	4-Methyl-2-pentanone	ND	30	2.5	U	***************************************
96-18-4	1,2,3-Trichloropropane	ND	30	1.2	U	
591-78-6	2-Hexanone	уюUJ	30	1.2	U	
74-97-5	Bromochloromethane	ND	15	0.92	U	
594-20-7	2,2-Dichloropropane	ND	15	2.4	U	
106-93-4	1,2-Dibromoethane	ND	12	1.2	U	
142-28-9	1,3-Dichloropropane	ND	15	1.7	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.0	1.0	U	
108-86-1	Bromobenzene	ND	15	0.67	U	
104-51-8	n-Butylbenzene	ND	3.0	0.96	U	
135-98-8	sec-Butylbenzene	ND	3.0	0.84	U	
98-06-6	tert-Butylbenzene	ND	15	1.8	U	





Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS Project Nur

Lab ID : L1116534-09

Client ID : SB-101

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : SOIL
Analytical Method : 1,8260B
Lab File ID : 1014A22
Sample Amount : 2.00 g

Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number :

Date Collected : 10/11/11 14:00

Date Received : 10/12/11

Date Analyzed : 10/14/11 17:05 Dilution Factor : 1

Analyst : BN

Instrument ID : VOA100.I GC Column : RTX-502.2

%Solids : 82

Injection Volume :

	Parameter		ug/Kg		
CAS NO.		Results	RL	MDL	Qualifier
95-49-8	o-Chlorotoluene	ND	15	0.95	U
106-43-4	p-Chlorotoluene	` ND	15	1.1	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	15	2.6	U
87-68-3	Hexachlorobutadiene	ND	15	1.4	·U
98-82-8	Isopropylbenzene	ND	3.0	0.54	U
99-87-6	p-Isopropyltoluene	ND	3.0	0.83	U
91-20-3	Naphthalene	ND	15	2.3	U
107-13-1	Acrylonitrile	ZNAK	30	1.1	U .
103-65-1	n-Propylbenzene	ND	3.0	0.86	U .
87-61-6	1,2,3-Trichlorobenzene	ND	15	1.2	U
120-82-1	1,2,4-Trichlorobenzene	ND	15	2.4	U
108-67-8	1,3,5-Trimethylbenzene	ND	15	1.8	U
95-63-6	1,2,4-Trimethylbenzene	ND	15	1,7	U
105-05-5	1,4-Diethylbenzene	ND	12	0.61	U
622-96-8	4-Ethyltoluene	ND	. 12	0.30	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	12	0.55	U
60-29-7	Ethyl ether	ND .	15	1.2	U
110-57-6	trans-1,4-Dichloro-2-butene	ND .	15	4,5	Ü
		······································		· · · · · · · · · · · · · · · · · · ·	***************************************



## Tentatively Identified Compounds Volatile

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number : Lab ID : L1116534-09 Date Collected : 10/11/11 14:00

Sample Matrix : SOIL Dilution Factor : 1

Analytical Method : 1,8260B Analyst : BN

Lab File ID : 1014A22 Instrument ID : VOA100.I

Sample Amount : 2.00 g GC Column : RTX-502.2

Sample Amount : 2.00 g GC Column : RTX-502.2 Level : LOW %Solids : 82

Soil Extract Volume: -- Injection Volume :

Number TICS found: 0 Concentration Units: ug/Kg

CAS Number Compound Name RT EST. CONC. Qualifier

NO TENTATIVELY IDENTIFIED COMPOUNDS

mu 1/25/11



Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-10

Client ID : FIELD BLANK-2 (AUGER)

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER
Analytical Method : 1,8260B
Lab File ID : 1014A07
Sample Amount : 10.0 ml
Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number :

Date Collected : 10/11/11 16:05

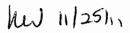
Date Received : 10/12/11
Date Analyzed : 10/14/11 11:43

Dilution Factor : 1
Analyst : PD
Instrument ID : GONZO.I
GC Column : RTX-502.2

%Solids : N/A

Injection Volume :

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	***************************************
75-0 <del>9</del> -2	Methylene chloride	2.4	5.0	0.54	J	
75-34-3	1,1-Dichloroethane	ND	0.75	0.22	U	- Vanishali
67-66-3	Chloroform	0.24	0.75	0.20	J	
56-23-5	Carbon tetrachloride	ND	0.50	0.16	U	en fan it en
78-87-5	1,2-Dichloropropane	ND	1.8	0.30	<u>U</u>	occores veces coccocores ceranamentas en ellas
124-48-1	Dibromochloromethane	ND	0.50	0.19	. U	er tyr till formatt i het til en et til skalade skalade skalade skalade skalade skalade skalade skalade skalad
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.26	U ·	
127-18-4	Tetrachloroethene	0.28	0.50	0.18	J	
108-90-7	Chlorobenzene	ND	0.50	0.19	U	
75-69-4	Trichlorofluoromethane	ND	2.5	0.27	U	
107-06-2	1,2-Dichloroethane	ND	0.50	0.16	. <b>U</b>	The second secon
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	Ü	en e
75-27-4	Bromodichloromethane	. <b>N</b> D .	0.50	0.19	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U	***************************************
10061-01-5	cis-1,3-Dichloropropene	· ND	0.50	0.14	U	ere efficie de la cincia de la c
563-58-6	1,1-Dichloropropene	. ND	2.5	0.26	U	очес-посохован-инстиненто поверхня держиний при
75-25-2	Bromoform	ND	2.0	0.25	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.19	U	
71-43-2	Benzene	ND	0.50	0.19	U	
108-88-3	Toluene	ND	0.75	0.23	U	
100-41-4	Ethylbenzene	ND	0.50	0.26	U	****
74-87-3	Chloromethane	ND	2.5	0.28	U	
74-83-9	Bromomethane	, <b>N</b> D	1.0	0.26	U	
75-01-4	Vinyl chloride	ND	1.0	0.22	U	
75-00-3	Chloroethane	ND	1.0	0.23	U	-
75-35-4	1,1-Dichloroethene	ND	0.50	0.18	U	
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.21	U	





Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-10

Client ID : FIELD BLANK-2 (AUGER)

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER
Analytical Method : 1,8260B
Lab File ID : 1014A07
Sample Amount : 10.0 ml
Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number

Date Collected : 10/11/11 16:05

Date Received : 10/12/11

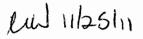
Date Analyzed : 10/14/11 11:43 Dilution Factor : 1

Analyst : PD
Instrument ID : GONZO.I
GC Column : RTX-502.2

%Solids : N/A

Injection Volume :

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
79-01-6	Trichloroethene	ND	0.50	0.17	U	U2004080080804U4444
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U	
541-73-1	1,3-Dichlorobenzene	ND ND	2.5	0.19	U	
106-46-7	1,4-Dichlorobenzene	ND .	2.5	0.22	U .	
1634-04-4	Methyl tert butyl ether	ND	1.0	0.16	U	
106-42-3/108-38-3	p/m-Xylene	ND	1.0	0.35	U	-
95-47-6	o-Xylene	ND	1.0	0.33	Ü	4.7.7
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U	
74-95-3	Dibromomethane	, ND	5.0	0.36	U	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.43	U	
107-13-1	Acrylonitrile	ND	5.0	0.43	U	
100-42-5	Styrene	ND	1.0	0.36	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.30	U	
67-64-1	Acetone	ND	5.0	1.6	U	
75-15-0	Carbon disulfide	ND.	5.0	0.30	U	vj
78-93-3	2-Butanone	ND	5.0	1.9	U	Senore, al successore
108-05-4	Vinyl acetate	ND ND	5.0	0.31	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U .	
591-78-6	2-Hexanone	ND	5.0	0.58	Ů ·	
74-97-5	Bromochloromethane	· ND	2.5	0.33	· U	te territoria
594-20-7	2,2-Dichloropropane	ND	2.5	0.40	U	
106-93-4	1,2-Dibromoethane	. ND	2.0	0.19	. U	
142-28-9	1,3-Dichloropropane	ND	2.5	0.21	U	*************
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.16	U	***************************************
108-86-1	Bromobenzene	ND	2.5	0.18	U	
104-51-8	n-Butylbenzene	ND	0.50	0.20	U	
135-98-8	sec-Butylbenzene		0.50	0.18	U	TO THE TOWN TOWN





Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS **Project Number** 

Lab ID : L1116534-10

Client ID : FIELD BLANK-2 (AUGER)

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER Analytical Method : 1,8260B Lab File ID : 1014A07 Sample Amount : 10.0 ml

Soil Extract Volume: -

Level : LOW Lab Number : L1116534

Date Collected : 10/11/11 16:05

Date Received : 10/12/11 : 10/14/11 11:43 Date Analyzed

**Dilution Factor** : 1

Analyst : PD Instrument ID : GONZO.I

GC Column : RTX-502.2

%Solids : N/A

Injection Volume

CAS NO.	Parameter		ug/L		
		Results	RL	MDL	Qualifier
98-06-6	tert-Butylbenzene	ND	2.5	0.30	U
95-49-8	o-Chlorotoluene	ND	2.5	0.18	U
106-43-4	p-Chlorotoluene	ND	2.5	0.18	U .
96-12-8	1,2-Dibromo-3-chloropropane	· ND	2.5	0.33	U
87-68-3	Hexachlorobutadiene	ND	0.60	0.23	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
99-87-6	p-Isopropyltoluene	ND .	0.50	0.19	U .
91-20-3	Naphthalene	ND	2.5	0.22	U
103-65-1	n-Propylbenzene	ND	0.50	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND .	2.5	0.22	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.21	U
95-63-6	1,2,4-Trimethylbenzene	ND ·	2.5	0.27	U
105-05-5	1,4-Diethylbenzene	· ND	2.0	0.11	U
622-96-8	4-Ethyltoluene	ND	2.0	0.42	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.10	U
60-29-7	Ethyl ether	ND	2.5	0.20	U
110-57-6	trans-1,4-Dichloro-2-butene	. ND	2.5	0.17	U
***************************************					Market

### Tentatively Identified Compounds Volatile

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number : Lab ID : L1116534-10 Date Collected : 10/11/11 16:05

Client ID : L1116534-10 Date Collected : 10/11/11 16:05

Client ID : FIELD BLANK-2 (AUGER) Date Received : 10/12/11

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 11:43
Sample Matrix : WATER Dilution Factor : 1

Analytical Method : 1,8260B Analyst : PD
Lab File ID : 1014A07 Instrument ID : GONZO.I
Sample Amount : 10.0 ml GC Column : RTX-502.2

Level : LOW %Solids : N/A

Soil Extract Volume : -- Injection Volume :

Number TICS found: 0

Concentration Units: ug/L

CAS Number Compound Name RT EST. CONC. Qualifier

NO TENTATIVELY IDENTIFIED COMPOUNDS

W 11/25/11



Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-11 Client ID : TRIP BLANK

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER
Analytical Method : 1,8260B
Lab File ID : 1014A08
Sample Amount : 10.0 ml
Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number

Date Collected : 10/11/11 00:00

Date Received : 10/12/11

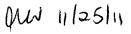
Date Analyzed : 10/14/11 12:16 Dilution Factor : 1

Analyst : PD
Instrument ID : GONZO.I
GC Column : RTX-502.2

%Solids : N/A

Injection Volume :

	Parameter		ug/L			
CAS NO.		Results	RL	MDL	Qualifier	nine with manager.
75-09-2	Methylene chloride	ND	5.0	0.54	U	
75-34-3	1,1-Dichloroethane	ND	0.75	0.22	U	
67-66-3	Chloroform	ND ND	0.75	0.20	U	
56-23-5	Carbon tetrachloride	, ND	0.50	0.16	U	
78-87-5	1,2-Dichloropropane	ND	1.8	0.30	U	*****
124-48-1	Dibromochloromethane	ND	0.50	0.19	U	*********
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.26	U	
127-18-4	Tetrachloroethene	ND	0.50	0,18	U	
108-90-7	Chlorobenzene	ND	0.50	0.19	U	***************************************
75-69-4	Trichlorofluoromethane	· ND	2.5	0.27	U	***************************************
107-06-2	1,2-Dichloroethane	ND	0.50	0.16	U	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U	
75-27-4	Bromodichloromethane	ND	0.50	0.19	U :	******
10061-02-6	trans-1,3-Dichloropropene	· ND	0.50	0.16	· U	•
10061-01-5	cis-1,3-Dichloropropene	ND -	0.50	0.14	· U	
563-58-6	1,1-Dichloropropene	ND	2.5	0.26	U	
75-25-2	Bromoform	ND	2.0	0.25	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.19	U	***************************************
71-43-2	Benzene	ND	0.50	0.19	U	
108-88-3	Toluene	ND	0.75	0.23	U	***************************************
100-41-4	Ethylbenzene	ND	0.50	0.26	U	
74-87-3	Chloromethane	ND	2.5	0.28	U	
74-83-9	Bromomethane	ND	1.0	0.26	U	
75-01-4	Vinyl chloride	ND	1.0	0.22	U	
75-00-3	Chloroethane	. ND	1.0	0.23	U	
75-35-4	1,1-Dichloroethene	ND	0.50	0.18	· U	
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.21	U	





Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-11 Client ID : TRIP BLANK

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : WATER
Analytical Method : 1,8260B
Lab File ID : 1014A08
Sample Amount : 10.0 ml
Level : LOW

Soil Extract Volume: --

Lab Number : L1116534

Project Number

Date Collected : 10/11/11 00:00

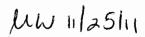
Date Received : 10/12/11

Date Analyzed : 10/14/11 12:16
Dilution Factor : 1
Analyst : PD
Instrument ID : GONZO.I
GC Column : RTX-502.2

%Solids : N/A

Injection Volume :

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
79-01-6	Trichloroethene	ND	0.50	0.17	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U	<del>batana and an</del>
541-73-1	1,3-Dichlorobenzene	. ND	2.5	0.19	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.22	U	***************************************
1634-04-4	Methyl tert butyl ether	. ND	1.0	0.16	U	TO THE PERSON AS THE PERSON
106-42-3/108-38-3	p/m-Xylene	ND	1.0	0.35	U	
95-47-6	o-Xylene	· ND	1.0	0.33	U	
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U	······································
74-95-3	Dibromomethane	ND	5.0	0.36	U	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.43	U	
107-13-1	Acrylonitrile	ND	5.0	0.43	U	***************************************
100-42-5	Styrene	ND	1.0	0.36	U	- AND
75-71-8	Dichlorodifluoromethane	ND	5.0	0.30	U	: Salahahahan Andronome
67-64-1	Acetone	ND	5.0	1.6	U	danista esperante e esperante e esperante e esperante e esperante e esperante e e e e e e e e e e e e e e e e e
75-15-0	Carbon disulfide	ND	5.0	0.30	U	manuficien de de escen
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-05-4	Vinyl acetate	ND	5.0	0.31	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U	
591-78-6	2-Hexanone	ND	5.0	0.58	U	
74-97-5	Bromochloromethane	ND ·	2.5	0.33	U	
594-20-7	2,2-Dichloropropane	ND	2.5	0.40	. <b>U</b>	18.55.58.66.74.66.75.80.00
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U	
142-28-9	1,3-Dichloropropane	ND	2.5	0.21	U	
630-20-6	1,1,1,2-Tetrachloroethane	· ND	0.50	0.16	U	
108-86-1	Bromobenzene	ND	2.5	0.18	U	
104-51-8	n-Butylbenzene	ND	0.50	0.20	U	
135-98-8	sec-Butylbenzene	ND	0.50	0.18		/*************************************
						······································





Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

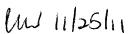
Lab ID : L1116534-11 Date Collected : 10/11/11 00:00 Client ID : TRIP BLANK Date Received : 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 12:16

Sample Matrix : WATER Dilution Factor : 1
Analytical Method : 1,8260B Analyst : PD

Lab File ID : 1014A08 Instrument ID : GONZO.I Sample Amount : 10.0 ml GC Column : RTX-502.2 Level : LOW %Solids : N/A

Soil Extract Volume : - Injection Volume :

	Parameter		ug/L			
CAS NO.		Results	RL	MDL	Qualifier	
98-06-6	tert-Butylbenzene	ND	2.5	0.30	U	
95-49-8	o-Chlorotoluene	ND	2.5	0.18	U	
106-43-4	p-Chlorotoluene	. ND	2.5	0.18	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.33	U ·	
87-68-3	Hexachlorobutadiene	ND	0.60	0.23	U	
98-82-8	Isopropylbenzene	ND	0.50	0.19	U	
99-87-6	p-Isopropyltoluene	ND	0.50	0.19	U	
91-20-3	Naphthalene	ND	2.5	0.22	U	***************************************
103-65-1	n-Propylbenzene	ND	0.50	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.21	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.27	U	-
105-05-5	1,4-Diethylbenzene	ND	2.0	0.11	U	
622-96-8	4-Ethyltoluene	ND	2.0	0.42	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.10	U	***************************************
60-29-7	Ethyl ether	ND	2.5	0.20	U	
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.17	U	***************************************
A-114-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			••••••••••••			





### Tentatively Identified Compounds Volatile

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

Lab ID : L1116534-11 Date Collected : 10/11/11 00:00 Client ID : TRIP BLANK Date Received : 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 12:16

Sample Matrix: WATERDilution Factor: 1Analytical Method: 1,8260BAnalyst: PDLab File ID: 1014A08Instrument ID: GONZO.ISample Amount: 10.0 mlGC Column: RTX-502.2

Level: LOW %Solids: N/A

Soil Extract Volume: -- Injection Volume :

Number TICS found: 0

Concentration Units: ug/L

CAS Number Compound Name RT EST. CONC. Qualifier

NO TENTATIVELY IDENTIFIED COMPOUNDS

	•		ب		
		-			

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

Client ID : MW-2 Date Received : 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/15/11 19:22

Sample Matrix : WATER Date Extracted : 10/13/11
Analytical Method : 1,8270C Date Extracted : 1

Lab File ID : 16534-01 Analyst : RC
Sample Amount : 1000 ml Instrument ID : GCMS5.I
Extraction Method : EPA 3510C GC Column : RTX-5
Extract Volume : 1000 uL %Solids : N/A

GPC Cleanup : N Injection Volume : 1 uL

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.67	U	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U	***************************************
95-50-1	1,2-Dichlorobenzene	2.8	2.0	0.55		
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.55	U	**************************************
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.55	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.85	U	
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.45	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.46	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.61	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.67	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.50	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.40	U	- Secretary - Secr
77-47-4	Hexachlorocyclopentadiene	ND	20	2.1	U	
78-59-1	Isophorone	ND	5.0	0.35	U	-
98-95-3	Nitrobenzene	ND	2.0	0.50	U	2000
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	2.0	0.70	U	***************************************
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.39	U	
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	3.0	1.4	U	***************************************
85-68-7	Butyl benzyl phthalate	ND	5.0	0.46	U	
84-74-2	Di-n-butylphthalate	ND	5.0	0.54	U	en e
117-84-0	Di-n-cctylphthalate	ND	5.0	0.53	U	
84-66-2	Diethyl phthalate	1.4	5.0	0.45	J	
131-11-3	Dimethyl phthalate	ND	5.0	0.45	U	***************************************
92-52-4	Biphenyl	ND	2.0	0.50	U	

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

Lab ID : L1116534-01 Date Collected : 10/11/11 11:00

Client ID : MW-2 Date Received : 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/15/11 19:22

Sample Matrix : WATER Date Extracted : 10/13/11
Analytical Method : 1,8270C Dilution Factor : 1

Lab File ID: 16534-01Analyst: RCSample Amount: 1000 mlInstrument ID: GCMS5.IExtraction Method: EPA 3510CGC Column: RTX-5Extract Volume: 1000 uL%Solids: N/A

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	5.0	0.83	U	
88-74-4	2-Nitroaniline	ND	5.0	0.40	U	
99-09-2	3-Nitroaniline	ND	5.0	0.59	U	
100-01-6	4-Nitroaniline	ND	5.0	0.55	U	
132-64-9	Dibenzofuran	ND	2.0	0.47	U	92 9
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.65	Ų	
98-86-2	Acetophenone	ND	5.0	0.55	U	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.45	U	
59 <b>-</b> 50-7	P-Chloro-M-Cresol	, ND	2.0	0.50	, U	
95-57-8	2-Chlorophenol	ND	2.0	0.34	U	
120-83-2	2,4-Dichlorophenol	. ND	5.0	0.43	U	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.2	U	
88-75-5	2-Nitrophenol	ND	10	0.48	U	
100-02-7	4-Nitrophenol	ND	10	1.2	U	
51-28-5	2,4-Dinitrophenol	ND	20	1.4	U	
534-52-1	4,6-Dinitro-o-cresol	ND	10	0.59	U	
108-95-2	Phenol	ND	5.0	0.26	U	
95-48-7	2-Methylphenol	ND	5.0	0.53	U	
108-39-4	3-Methylphenol/4-Methylphenol	ND	5.0	0.47	U	
95-95-4	2,4,5-Trichlorophenol	. ND	5.0	0.45	U	
65-85-0	Benzoic Acid	ND	50	1.0	U	
100-51-6	Benzyl Alcohol	ND	2.0	0.47	U	
86-74-8	Carbazole	ND	2.0	0.53	Ū	

## Tentatively Identified Compounds SemiVolatile Organics

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

 Lab ID
 : L1116534-01
 Date Collected
 : 10/11/11 11:00

 Client ID
 : MW-2
 Date Received
 : 10/12/11

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/15/11 19:22 Sample Matrix : WATER Date Extracted : 10/13/11

Analytical Method : 1,8270C Dilution Factor : 1
Lab File ID : 16534-01 Analyst : RC
Sample Amount : 1000 ml Instrument ID : GCMS5.I

Extraction Method : EPA 3510C GC Column :

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

Number TICS found: 0 Concentration Units: ug/L

CAS Number Compound Name RT EST. CONC. Qualifier

NO TENTATIVELY IDENTIFIED COMPOUNDS



lu 11/25/11

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

 Lab ID
 : L1116534-01
 Date Collected
 : 10/11/11 11:00

 Client ID
 : MW-2
 Date Received
 : 10/12/11

 Sample Location
 : 212 E. HARDSDALE AVE., NY
 Date Analyzed
 : 10/15/11 12:51

 Sample Matrix
 : WATER
 Date Extracted
 : 10/13/11

Date Extracted : 10/13/11 Analytical Method : 1,8270C **Dilution Factor** : 1 Lab File ID : 16534-01 Analyst : JC : 1000 ml Instrument ID Sample Amount : MORK.I Extraction Method: EPA 3510C GC Column : RXI-5SilMS : 1000 uL : N/A Extract Volume %Solids

GPC Cleanup : N Injection Volume : 1 uL

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	0.10	0.20	0.06	J	
91-58-7	2-Chloronaphthalene	ND	0.20	0.07	U	
206-44-0	Fluoranthene	ND	0.20	0.04	U	
87-68-3	Hexachlorobutadiene	ND	0.50	0.07	U	
91-20-3	Naphthalene	0.22	0.20	0.06		
56-55-3	Benzo(a)anthracene	ND	0.20	0.06	U	
50-32-8	Benzo(a)pyrene	ND	0.20	0.07	U	
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.07	U	***************
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.07	U	
218-01-9	Chrysene	ND	0.20	0.05	U	
208-96-8	Acenaphthylene	ND	0.20	0.05	U	
120-12-7	Anthracene	ND	0.20	0.06	U	
191-24-2	Benzo(ghi)perylene	ND	0.20	0.07	U	
86-73-7	Fluorene	0.08	0.20	0.06	J	
85-01-8	Phenanthrene	ND	0.20	0.06	U	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.07	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U	
129-00-0	Pyrene	ND	0.20	0.06	U	
91-57-6	2-Methylnaphthalene	0.09	0.20	0.06	J	
87-86-5	Pentachlorophenol	ND	0.80	0.19	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.07	U	***************************************
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Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

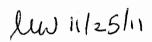
Sample Location : 212 E. HARDSDALE AVE., NY
Sample Matrix : WATER

Date Analyzed : 10/15/11 19:47
Date Extracted : 10/13/11

Analytical Method : 1,8270C Dilution Factor : 1
Lab File ID : 16534-02 Analyst : RC
Sample Amount : 1000 ml Instrument ID : GCMS5.I
Extraction Method : EPA 3510C GC Column : RTX-5

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

	Parameter		ug/L		
CAS NO.		Results	RL	MDL	Qualifier
400.00.4	4.2.4 Triphlandana	ND	5.0	0.67	U
120-82-1	1,2,4-Trichlorobenzene	**************************************	***************************************	***************************************	***************************************
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.55	<b>U</b>
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.55	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.55	U
91-94-1	3,3'-Dichlorobenzidine	. ND	5.0	0.85	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.45	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.46	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.61	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.67	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.50	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.40	U
77-47-4	Hexachlorocyclopentadiene	ND	20	2.1	U
78-59-1	Isophorone	ND	5.0	0.35	U
98-95-3	Nitrobenzene	ND	2.0	0.50	U .
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	2.0	0.70	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.39	U
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	0.46	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.54	U
117-84-0	Di-n-octylphthalate	ND	5.0	0.53	U
84-66-2	Diethyl phthalate	ND	5.0	0.45	U
131-11-3	Dimethyl phthalate	ND	5.0	0.45	U
92-52-4	Biphenyl	ND	2.0	0.50	U





Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

Lab ID : L1116534-02 Date Collected : 10/11/11 15:30

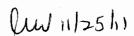
Client ID : MW-3 Date Received : 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/15/11 19:47

Sample Matrix : WATER Date Extracted : 10/13/11
Analytical Method : 1,8270C Dilution Factor : 1

Lab File ID: 16534-02Analyst: RCSample Amount: 1000 mIInstrument ID: GCMS5.IExtraction Method: EPA 3510CGC Column: RTX-5Extract Volume: 1000 uL%Solids: N/A

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

ug/L Results RL MDL Qualifier CAS NO. **Parameter** U 106-47-8 4-Chloroaniline ND 5.0 0.83 88-74-4 2-Nitroaniline ND 5.0 0.40 U 3-Nitroaniline ND 5.0 0.59 U 99-09-2 100-01-6 4-Nitroaniline ND 5.0 0.55 U ND 2.0 0.47 U Dibenzofuran 132-64-9 95-94-3 1,2,4,5-Tetrachlorobenzene ND 10 0.65 U ND 5.0 0.55 U 98-86-2 Acetophenone U 88-06-2 2,4,6-Trichlorophenol ND 5.0 0.45 ND 0.50 U 59-50-7 P-Chloro-M-Cresol 20 95-57-8 2-Chlorophenol ND 2.0 0.34 U ND 5.0 0.43 U 2,4-Dichlorophenol 120-83-2 105-67-9 2,4-Dimethylphenol ND 5.0 1.2 U ND 10 0.48 U 88-75-5 2-Nitrophenol 100-02-7 4-Nitrophenol ND 10 1.2 U 51-28-5 2,4-Dinitrophenol ND 20 1.4 U 534-52-1 4,6-Dinitro-o-cresol ND 10 0.59 U 108-95-2 Phenol ND 5.0 0.26 U 2-Methylphenol ND 0.53 U 95-48-7 5.0 108-39-4 3-Methylphenol/4-Methylphenol ND 5.0 0.47 U U ND 5.0 0.45 95-95-4 2,4,5-Trichlorophenol U Benzoic Acid ND 50 1.0 65-85-0 100-51-6 Benzyl Alcohol ND 2.0 0.47 U Carbazole ND 2.0 0.53 U 86-74-8





## Tentatively Identified Compounds SemiVolatile Organics

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/15/11 19:47 Sample Matrix : WATER Date Extracted : 10/13/11

Sample Matrix : WATER Date Extracted : 10/13/11
Analytical Method : 1,8270C Dilution Factor : 1
Lab File ID : 16534-02 Analyst : RC
Sample Amount : 1000 ml Instrument ID : GCMS5.I

Extraction Method: EPA 3510C GC Column:

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

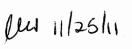
Number TICS found: 20

Concentration Units: ug/L

<b>CAS Number</b>	Compound Name	RT	EST. CONC.	Qualifier	
	Unknown	2.40	22	4 5	
	Unknown	2.64	21	4 1	
	Unknown	5.61	. 15	4	
·	Unknown Subsituted Naphthalene	5.90	21	4	· :
***************************************	Unknown Subsituted Naphthalene	6.37	8.3		
	Unknown Subsituted Naphthalene	6.43	14	j j	***************************************
	Unknown Subsituted Naphthalene	6.45	10	J	
	Unknown C15H28	6.47	8.2	h	
	Unknown Subsituted Naphthalene	6.53	27	J	
	Unknown Subsituted Naphthalene	6.60	9.1	J	
	Unknown Subsituted Naphthalene	6.82	8.1	J	
***************************************	Unknown C13H14 Isomer	6.94	9.6	J	
***************************************	Unknown C13H14 Isomer	7.01	8.5	Ų	·
***************************************	Unknown Subsituted Naphthalene	7.08	8	ΨÌ	
	Unknown C13H12 Isomer	7.25	18	Ų į	
<i></i>	Unknown Subsituted Alkane	7.35	17	j i	
	Unknown	7.39	14	1	
	Unknown Subsituted Alkane	7.58	26	1	
***************************************	Unknown Alkane	7.99	11	4	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
***************************************	Unknown	8.30	. 8.2	1 V	

**Total TIC Compounds** 

284





Client

: Envirotrac Ltd.

Lab Number : L1116534

Project Name

: ARISTOCRAT CLEANERS

Project Number

Lab ID

: L1116534-02

Date Collected

Date Analyzed

Date Extracted

**Dilution Factor** 

: 10/11/11 15:30

: 10/15/11 13:18

Client ID Sample Location : MW-3

Date Received : 10/12/11

Sample Matrix

: 212 E. HARDSDALE AVE., NY : WATER

: 10/13/11

Analytical Method : 1,8270C

: 1

Lab File ID Sample Amount : 16534-02 : 1000 ml

Analyst : JC Instrument ID : MORK.I GC Column

Extraction Method : EPA 3510C Extract Volume

: RXI-5SiIMS

: 1000 uL GPC Cleanup : N

%Solids : N/A Injection Volume: 1 uL

			ug/L		
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	3.0	0.20	0.06	
91-58-7	2-Chloronaphthalene	ND	0.20	0.07	U
206-44-0	Fluoranthene	0.73	0.20	0.04	
87-68-3	Hexachlorobutadiene	ND	0.50	0.07	U
91-20-3	Naphthalene	0.62	0.20	0.06	
56-55-3	Benzo(a)anthracene	0.24	0.20	0.06	
50-32-8	Benzo(a)pyrene	0.24	0.20	0.07	
205-99-2	Benzo(b)fluoranthene	0.30	0.20	0.07	
207-08-9	Benzo(k)fluoranthene	0.18	0.20	0.07	J
218-01-9	Chrysene	0.25	0.20	0.05	
208-96-8	Acenaphthylene	ND	0.20	0.05	U
120-12-7	Anthracene	0.50	0.20	0.06	
191-24-2	Benzo(ghi)perylene	0.14	0.20	0.07	J
86-73-7	Fluorene	4.2	0.20	0.06	
85-01-8	Phenanthrene	2.5	0.20	0.06	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.07	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U
129-00-0	Pyrene	1.4	0.20	0.06	
91-57-6	2-Methylnaphthalene	0.77	0.20	0.06	
87-86-5	Pentachlorophenol	ND	0.80	0.19	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.07	U

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

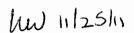
Client ID : MW-7 Date Received : 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/15/11 20:12

Sample Matrix : WATER Date Extracted : 10/13/11
Analytical Method : 1,8270C Dilution Factor : 1
Lab File ID : 16534-03 Analyst : RC

Sample Amount : 1000 ml Instrument ID : GCMS5.I Extraction Method : EPA 3510C GC Column : RTX-5 Extract Volume : 1000 uL %Solids : N/A

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

	Results	RL	MDL	Qualifier	***************************************
	ND	5.0	0,67	U	inan makankan makanan menya wan sa
	ND	2.0	0.39	U	·
	ND	2.0	0.55	U	
	ND	2.0	0.55	U	
	ND	2.0	0.55	U	
	ND	5.0	0.85	U	
	ND	5.0	0.45	U	-
	ND	5.0	0.46	U .	
ther	ND	2.0	0.61	U	
ther .	ND	2.0	0.67	U	
er	ND	2.0	0.50	U	
ane	ND	5.0	0.40	U	
ene	ND	20	2.1	U	
	ND	5.0	0.35	Ú	·
en e	ND ·	2.0	0.50	U	
IDPA)/DPA	ND	2.0	0.70	U	TARAMATA SANTA
е	ND	5.0	0.39	U	
te	ND	3.0	1.4	U	***************************************
	ND	5.0	0.46	U	
	ND	5.0	0.54	U .	(4 <b>4</b> 676):18888;888000;00,000;00
	ND	5.0	0.53	U	
A. (A. (A. (A. (A. (A. (A. (A. (A. (A. (	ND	5.0	0.45	U	****************
	ND	5.0	0.45	U	
	ND	2.0	0.50	U	7.44.0.00.000.000.000.000.000.000.000.00
	ther ther ane ene liDPA)/DPA le te	ND N	ND 5.0  ND 2.0  ND 2.0  ND 2.0  ND 2.0  ND 5.0  ND 5.0  ND 5.0  ND 5.0  ther ND 2.0  ther ND 2.0  ane ND 5.0  ane ND 5.0  ane ND 5.0  ane ND 5.0  the ND 5.0  ADPA)/DPA ND 2.0  the ND 5.0  ND 5.0	ND 5.0 0.67  ND 2.0 0.39  ND 2.0 0.55  ND 2.0 0.55  ND 2.0 0.55  ND 2.0 0.55  ND 5.0 0.85  ND 5.0 0.45  ND 5.0 0.46  ND 5.0 0.67  ther ND 2.0 0.67  ther ND 2.0 0.67  ane ND 5.0 0.40  ene ND 5.0 0.40  ene ND 5.0 0.35  ND 5.0 0.35  ND 5.0 0.35  ND 5.0 0.35  ND 2.0 0.50  ADPA)/DPA ND 2.0 0.70  te ND 5.0 0.39  te ND 5.0 0.39  te ND 5.0 0.39  te ND 5.0 0.46  ND 5.0 0.46  ND 5.0 0.54  ND 5.0 0.53  ND 5.0 0.53  ND 5.0 0.45	ND 5.0 0.67 U  ND 2.0 0.39 U  ND 2.0 0.55 U  ND 2.0 0.55 U  ND 2.0 0.55 U  ND 2.0 0.55 U  ND 5.0 0.85 U  ND 5.0 0.46 U  ther ND 2.0 0.61 U  ther ND 2.0 0.67 U  ane ND 5.0 0.40 U  ane ND 5.0 0.40 U  ane ND 5.0 0.35 U  ND 5.0 0.35 U  ADPA)/DPA ND 2.0 0.50 U  ale ND 5.0 0.35 U  ND 5.0 0.50 U  ADPA)/DPA ND 2.0 0.50 U  ale ND 5.0 0.39 U  te ND 5.0 0.46 U  ND 5.0 0.53 U





Client : Envirotrac Ltd. Lab Number : L1116534

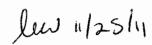
Project Name : ARISTOCRAT CLEANERS Project Number :

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/15/11 20:12 Sample Matrix : WATER Date Extracted : 10/13/11

Analytical Method : 1,8270C Dilution Factor : 1
Lab File ID : 16534-03 Analyst : RC
Sample Amount : 1000 ml Instrument ID : GCMS5.I
Extraction Method : EPA 3510C GC Column : RTX-5

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

		·	ug/L_			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	Property of the Party of the Pa
106-47-8	4-Chloroaniline	ND .	5.0	0.83	U	
88-74-4	2-Nitroaniline	ND	5.0	0.40	U	DOUBLE-MELANCOCKETOCKETOCKETOCKETOCKETOCKETOCKETOCKE
99-09-2	3-Nitroaniline	ND	5.0	0.59	U	
100-01-6	4-Nitroaniline	ND	5.0	0.55	· U	
132-64-9	Dibenzofuran	ND	2.0	0.47	U	222
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.65	U	
98-86-2	Acetophenone	ND	5.0	0.55	U	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.45	U	
59-50-7	P-Chloro-M-Cresol	ND	2.0	0.50	U	
95-57-8	2-Chlorophenol	ND ·	2.0	0.34	U	
120-83-2	2,4-Dichlorophenol	ND	5.0	0.43	U	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.2	U	70007670007400667080771V44V444
88-75-5	2-Nitrophenol	ND	10	0.48	Ú	
100-02-7	4-Nitrophenol	ND	.10	1.2	Ų	ge e fragment per management per
51-28-5	2,4-Dinitrophenol	ND .	20	1.4	U	was the recognition of the state of the stat
534-52-1	4,6-Dinitro-o-cresol	ND	10	0.59	U	
108-95-2	Phenol	ND	5.0	0.26	U	
95-48-7	2-Methylphenol	ND .	5.0	0.53	U	
108-39-4	3-Methylphenol/4-Methylphenol	ND ND	5.0	0.47	U	************************
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.45	U	***************************************
65-85-0	Benzoic Acid	ND	50	1.0	U	added detection the configuration
100-51-6	Benzyl Alcohol	ND	2.0	0.47	U	
86-74-8	Carbazole	ND	2.0	0.53	U	





## Tentatively Identified Compounds SemiVolatile Organics

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

 Lab ID
 : L1116534-03
 Date Collected
 : 10/11/11 13:45

 Client ID
 : MW-7
 Date Received
 : 10/12/11

 Sample Location
 : 313 F. HARDSDALE AVE. NV
 Date Applying
 : 10/15/11 20:13

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/15/11 20:12
Sample Matrix : WATER Date Extracted : 10/13/11
Analytical Method : 1,8270C Dilution Factor : 1

Lab File ID : 16534-03 Analyst : RC
Sample Amount : 1000 ml Instrument ID : GCMS5.I
Extraction Method : EPA 3510C GC Column :

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

Number TICS found: 0 Concentration Units: ug/L

CAS Number Compound Name RT EST. CONC. Qualifier
NO TENTATIVELY IDENTIFIED COMPOUNDS

nw 11/25/11



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Client

: Envirotrac Ltd.

: L1116534 Lab Number

**Project Name** 

: ARISTOCRAT CLEANERS : L1116534-03

Project Number

Lab ID

Date Collected

: 10/11/11 13:45

Client ID

: MW-7

Date Received

: 10/12/11

Sample Location Sample Matrix

: 212 E. HARDSDALE AVE., NY : WATER

Date Analyzed Date Extracted

: 10/15/11 13:45 : 10/13/11

Analytical Method : 1,8270C

**Dilution Factor** 

: 1

Lab File ID Sample Amount : 16534-03 : 1000 ml

Analyst : JC Instrument ID : MORK.I

Extraction Method: EPA 3510C

GC Column RXI-5SilMS

Extract Volume

: 1000 uL

%Solids N/A

**GPC Cleanup** : N Injection Volume : 1 uL

CAS NO.	Parameter		ug/L		
		Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.20	0.06	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.07	U
206-44-0	Fluoranthene	ND ND	0.20	0.04	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.07	U
91-20-3	Naphthalene	ND	0.20	0.06	U
56-55-3	Benzo(a)anthracene	ND	0.20	0.06	U
50-32-8	Benzo(a)pyrene	ND	0.20	0.07	U
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.07	U
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.07	U
218-01-9	Chrysene	ND	0.20	0.05	U
208-96-8	Acenaphthylene	ND	0.20	0.05	U
120-12-7	Anthracene	ND	0.20	0.06	U
191-24-2	Benzo(ghi)perylene	ND	0.20	0.07	U
86-73-7	Fluorene	ND	0.20	0.06	U
85-01-8	Phenanthrene	ND	0.20	0.06	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.07	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U
129-00-0	Pyrene	ND	0.20	0.06	U
91-57-6	2-Methylnaphthalene	ND	0.20	0.06	U
87-86-5	Pentachlorophenol	ND	0.80	0.19	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.07	U

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number

 Lab ID
 : L1116534-04
 Date Collected
 : 10/11/11 11:15

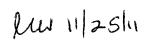
 Client ID
 : MW-101
 Date Received
 : 10/12/11

 Sample Location
 : 212 E. HARDSDALE AVE., NY
 Date Analyzed
 : 10/15/11 20:36

Sample Matrix : WATER Date Extracted 10/13/11 Analytical Method : 1,8270C **Dilution Factor** : 1 Lab File ID : 16534-04 Analyst : RC : GCMS5.I Sample Amount : 1000 ml Instrument ID Extraction Method : EPA 3510C GC Column : RTX-5

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

CAS NO.	Parameter		ug/L			
		Results	RL	MDL	Qualifier	······································
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.67	U	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.55	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.55	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.55	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.85	U	
121-14-2	2,4-Dinitrotoluene	· ND	5.0	0.45	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.46	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.61	U .	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.67	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.50	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.40	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	2.1	U	
78-59-1	Isophorone	ND	5.0	0.35	U	
98-95-3	Nitrobenzene	ND	2.0	0.50	U	
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	2.0	0.70	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.39	U	
117-81-7	Bis(2-Ethylhexyl)phthalate	1.6	3.0	1.4	J	
85-68-7	Butyl benzyl phthalate	ND	5.0	0.46	U	
84-74-2	Di-n-butylphthalate	ND	5.0	0.54	U	
117-84-0	Di-n-octylphthalate	ND	5.0	0.53	U	
84-66-2	Diethyl phthalate	ND	5.0	0.45	U	
131-11-3	Dimethyl phthalate	ND	5.0	0.45	U	
92-52-4	Biphenyl	ND	2.0	0.50	U	
			***************************************		THE RESERVE OF THE PROPERTY OF	





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Client : Envirotrac Ltd. Lab Number : L1116534

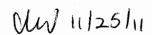
Project Name : ARISTOCRAT CLEANERS Project Number :

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/15/11 20:36
Sample Matrix : WATER Date Extracted : 10/13/11

Analytical Method : 1,8270C **Dilution Factor** : 1 Lab File ID : 16534-04 Analyst : RC Sample Amount : 1000 ml Instrument ID : GCMS5.I Extraction Method : EPA 3510C GC Column : RTX-5 Extract Volume : 1000 uL %Solids : N/A

GPC Cleanup : N Injection Volume : 1 uL

		<u> </u>	ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier		
106-47-8	4-Chloroaniline	ND	5.0	0.83	. <b>U</b>		
88-74-4	2-Nitroaniline	ND	5.0	0.40	· U		
99-09-2	3-Nitroaniline	ND ·	5.0	0.59	U		
100-01-6	4-Nitroaniline	ND	5.0	0.55	U .		
132-64-9	Dibenzofuran	ND	2.0	0.47	U		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.65	U		
98-86-2	Acetophenone	ND	5.0	0.55	U		
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.45	U		
59-50-7	P-Chloro-M-Cresol	ND	2.0	0.50	U		
95-57-8	2-Chlorophenol	ND	2.0	0.34	U		
120-83-2	2,4-Dichlorophenol	ND	5.0	0.43	U		
105-67-9	2,4-Dimethylphenol	ND	5.0	1.2	U		
88-75-5	2-Nitrophenol	ND	10	0.48	U		
100-02-7	4-Nitrophenol	· ND	10	1.2	U		
51-28-5	2,4-Dinitrophenol	<b>N</b> D	20	1.4	U		
534-52-1	4,6-Dinitro-o-cresol	ND	10	0.59	U		
108-95-2	Phenol	ND ·	5.0	0.26	U .		
95-48-7	2-Methylphenol	ND	5.0	0.53	U		
108-39-4	3-Methylphenol/4-Methylphenol	. ND	5.0	0.47	U		
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.45	U		
65-85-0	Benzoic Acid	ND	50	1.0	U		
100-51-6	Benzyl Alcohol	<b>N</b> D	2.0	0.47	U		
86-74-8	Carbazole	ND	2.0	0.53	U		





## Tentatively Identified Compounds SemiVolatile Organics

Client : Envirotrac Ltd. Lab Number : L1116534
Project Name : ARISTOCRAT CLEANERS Project Number :

Project Name : ARISTOCRAT CLEANERS Project Number :
Lab ID : L1116534-04 Date Collected : 10/11/11 11:15
Client ID : MW-101 Date Received : 10/12/11

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/13/11

Sample Matrix : WATER Date Extracted : 10/13/11

Applytical Method : 1,8270C Dilution Factor : 1

Analytical Method : 1,8270C Dilution Factor : 1
Lab File ID : 16534-04 Analyst : RC
Sample Amount : 1000 ml Instrument ID : GCMS5.I

Extraction Method: EPA 3510C GC Column: Extract Volume: 1000 uL %Solids: N/A

GPC Cleanup : N Injection Volume : 1 uL

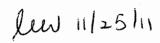
Number TICS found: 2

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.40	18	15
***************************************	Unknown	2.64	. 18	

**Total TIC Compounds** 

36





Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number

 Lab ID
 : L1116534-04
 Date Collected
 : 10/11/11 11:15

 Client ID
 : MW-101
 Date Received
 : 10/12/11

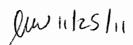
 Sample Location
 : 212 E. HARDSDALE AVE., NY
 Date Analyzed
 : 10/15/11 14:11

 Sample Matrix
 : WATER
 Date Extracted
 : 10/13/11

Sample Matrix **Dilution Factor** Analytical Method : 1,8270C : 1 Lab File ID Analyst : JC : 16534-04 Sample Amount : 1000 ml Instrument ID : MORK.I GC Column : RXI-5SilMS Extraction Method : EPA 3510C : 1000 uL Extract Volume %Solids : N/A

GPC Cleanup : N Injection Volume : 1 uL

		ug/L			
Parameter	Results	RL	MDL	Qualifier	
Acenaphthene	ND	0.20	0.06	U	
2-Chloronaphthalene	ND	0.20	0.07	U	
Fluoranthene	ND	0.20	0.04	U	
Hexachlorobutadiene	ND	0.50	0.07	U	
Naphthalene	ND	0.20	0.06	U	
Benzo(a)anthracene	ND	0.20	0.06	U	
Benzo(a)pyrene	ND	0.20	0.07	U	
Benzo(b)fluoranthene	ND	0.20	0.07	U	
Benzo(k)fluoranthene	ND	0.20	0.07	U	
Chrysene	ND	0.20	0.05	U	
Acenaphthylene	ND	0.20	0.05	U	
Anthracene	ND	0.20	0.06	U	
Benzo(ghi)perylene	ND	0.20	0.07	U	
Fluorene	ND	0.20	0.06	U	
Phenanthrene	ND	0.20	0.06	U	
Dibenzo(a,h)anthracene	ND	0.20	0.07	U	
Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U	
Pyrene	ND	0.20	0.06	U	
2-Methylnaphthalene	ND	0.20	0.06	U	
Pentachlorophenol	ND	0.80	0.19	U	
Hexachlorobenzene	ND	0.80	0.01	U	
Hexachloroethane	ND	0.80	0.07	U	
	Acenaphthene 2-Chloronaphthalene Fluoranthene Hexachlorobutadiene Naphthalene Benzo(a)anthracene Benzo(b)fluoranthene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Acenaphthylene Anthracene Benzo(ghi)perylene Fluorene Phenanthrene Dibenzo(a,h)anthracene Indeno(1,2,3-cd)Pyrene Pyrene 2-Methylnaphthalene Pentachlorophenol Hexachlorobenzene	Acenaphthene ND 2-Chloronaphthalene ND Fluoranthene ND Hexachlorobutadiene ND Naphthalene ND Benzo(a)anthracene ND Benzo(a)pyrene ND Benzo(b)fluoranthene ND Benzo(k)fluoranthene ND Chrysene ND Acenaphthylene ND Anthracene ND Benzo(ghi)perylene ND Fluorene ND Fluorene ND Phenanthrene ND Dibenzo(a,h)anthracene ND Indeno(1,2,3-cd)Pyrene ND Pyrene ND Pentachlorophenol ND Pentachlorobenzene ND Pentachlorobenzene ND Hexachlorobenzene ND	Parameter         Results         RL           Acenaphthene         ND         0.20           2-Chloronaphthalene         ND         0.20           Fluoranthene         ND         0.20           Hexachlorobutadiene         ND         0.50           Naphthalene         ND         0.20           Benzo(a)anthracene         ND         0.20           Benzo(a)pyrene         ND         0.20           Benzo(b)fluoranthene         ND         0.20           Benzo(k)fluoranthene         ND         0.20           Chrysene         ND         0.20           Acenaphthylene         ND         0.20           Anthracene         ND         0.20           Benzo(ghi)perylene         ND         0.20           Fluorene         ND         0.20           Phenanthrene         ND         0.20           Dibenzo(a,h)anthracene         ND         0.20           Indeno(1,2,3-cd)Pyrene         ND         0.20           Pyrene         ND         0.20           2-Methylnaphthalene         ND         0.20           Pentachlorophenol         ND         0.80           Hexachlorobenzene         ND	Parameter         Results         RL         MDL           Acenaphthene         ND         0.20         0.06           2-Chloronaphthalene         ND         0.20         0.07           Fluoranthene         ND         0.20         0.04           Hexachlorobutadiene         ND         0.50         0.07           Naphthalene         ND         0.20         0.06           Benzo(a)anthracene         ND         0.20         0.06           Benzo(a)pyrene         ND         0.20         0.07           Benzo(b)fluoranthene         ND         0.20         0.07           Benzo(k)fluoranthene         ND         0.20         0.07           Chrysene         ND         0.20         0.05           Acenaphthylene         ND         0.20         0.05           Anthracene         ND         0.20         0.06           Benzo(ghi)perylene         ND         0.20         0.06           Phenanthrene         ND         0.20         0.06           Dibenzo(a,h)anthracene         ND         0.20         0.06           Pyrene         ND         0.20         0.08           Pyrene         ND         0.20	Parameter         Results         RL         MDL         Qualifier           Acenaphthene         ND         0.20         0.06         U           2-Chloronaphthalene         ND         0.20         0.07         U           Fluoranthene         ND         0.20         0.04         U           Hexachlorobutadiene         ND         0.50         0.07         U           Naphthalene         ND         0.20         0.06         U           Benzo(a)anthracene         ND         0.20         0.06         U           Benzo(a)pyrene         ND         0.20         0.07         U           Benzo(b)fluoranthene         ND         0.20         0.07         U           Benzo(k)fluoranthene         ND         0.20         0.07         U           Chrysene         ND         0.20         0.07         U           Acenaphthylene         ND         0.20         0.05         U           Anthracene         ND         0.20         0.06         U           Benzo(ghi)perylene         ND         0.20         0.06         U           Fluorene         ND         0.20         0.06         U           P





Client : Envirotrac Ltd. Lab Number : L1116534

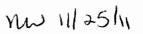
Project Name : ARISTOCRAT CLEANERS Project Number

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/15/11 21:02 Sample Matrix : WATER Date Extracted : 10/13/11

Sample Matrix Date Extracted Analytical Method : 1,8270C Dilution Factor : 1 : RC Lab File ID Analyst : 16534-05 : GCMS5.I Sample Amount : 1000 ml Instrument ID Extraction Method : EPA 3510C GC Column : RTX-5 Extract Volume : 1000 uL %Solids : N/A

GPC Cleanup : N Injection Volume : 1 uL

CAS NO.			ug/L			
	Parameter	Results	RL	MDL	Qualifier	######################################
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.67	U .	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U	-
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.55	U .	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.55	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.55	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.85	U	
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.45	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.46	U	-
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.61	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.67	U	
108-60-1	Bis(2-chloroisopropyl)ether	· ND	2.0	0.50	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.40	U	O PARRICIPAR PARRICIPA (CONTRACTOR CONTRACTOR CONTRACTO
77-47-4	Hexachlorocyclopentadiene	ND .	20	2.1	U ·	
78-59-1	Isophorone	ND	5.0	0.35	U	
98-95-3	Nitrobenzene	ND	2.0	0.50	U	-
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	2.0	0.70	U	-
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.39	U	Teller directs direct
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	3.0	1.4	U	<u> </u>
85-68-7	Butyl benzyl phthalate	ND .	5.0	0.46	U	-
84-74-2	Di-n-butylphthalate	ND	5.0	0.54	<u>U</u>	COLORROSCO DE LO ALCAMERO DO CONTERPORAR DO DEFENDA
117-84-0	Di-n-octylphthalate	ND	5.0	0.53	U	rener i en in minima en
84-66-2	Diethyl phthalate	ND	5.0	0.45	U	inderconnected the semilar constraints and the constraints are constraints are constraints and the constraints are constraints are constraints are constraints and the constraints are constraints are constraints are constraints are constraints are constraints and the constraints are constraints are constraints are constraints are constraints are constraints and constraints are constraints are constraints are constraints are constraints are constraints are
131-11-3	Dimethyl phthalate	ND	5.0	0.45	U	
92-52-4	Biphenyl	ND	2.0	0.50	<u>.</u>	eranangagerenanenananananan kangerengen egen erangen egen erangen egen erangen egen erangen egen erangen egen
1644-167-167-167-167-167-167-167-167-167-167			MIN 1174-4-11-7-114 117-1-4-1-			





10/11/11 16:00

### Form 1 **SemiVolatile Organics**

Client : Envirotrac Ltd. Lab Number

: L1116534 Project Name : ARISTOCRAT CLEANERS **Project Number** 

Lab ID : L1116534-05 Date Collected

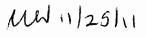
Client ID : FIELD BLANK-1 (PUMP) Date Received 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/15/11 21:02

Sample Matrix : WATER Date Extracted : 10/13/11 Analytical Method : 1,8270C Dilution Factor : 1 Lab File ID : 16534-05 Analyst : RC Sample Amount : 1000 ml Instrument ID : GCMS5.I

Extraction Method : EPA 3510C GC Column : RTX-5 Extract Volume : 1000 uL %Solids : N/A

GPC Cleanup : N Injection Volume: 1 uL

CAS NO.	Parameter		ug/L			
		Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	5.0	0.83	U	
88-74-4	2-Nitroaniline	· ND	5.0	0.40	U	
99-09-2	3-Nitroaniline	ND	5.0	0.59	U	
100-01-6	4-Nitroaniline	ND	5.0	0.55	U	
132-64-9	Dibenzofuran	. ND	2.0	0.47	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.65	U	
98-86-2	Acetophenone	ND	5.0	0.55	· U	
88-06-2	2,4,6-Trichlorophenol	. ND	5.0	0.45	U_	-
59-50-7	P-Chloro-M-Cresol	ND	2.0	0.50	U	
95-57-8	2-Chlorophenol	ND	2.0	0.34	U	
120-83-2	2,4-Dichlorophenol	ND ·	5.0	0.43	U	
105-67-9	2,4-Dimethylphenol	, ND	5.0	1.2	· U	The second secon
88-75-5	2-Nitrophenol	ND	10	0.48	U	
100-02-7	4-Nitrophenol	ND	10	1.2	· U	
51-28-5	2,4-Dinitrophenol	ND	20	1.4	U	(All I was in which it is an extracting and the contract the desired and an extraction of the contract the co
534-52-1	4,6-Dinitro-o-cresol	ND	10	0.59	U .	
108-95-2	Phenol	, ND	5.0	0.26	U	
95-48-7	2-Methylphenol	ND	5.0	0.53	U	
108-39-4	3-Methylphenol/4-Methylphenol	ND	5.0	0.47	U	
95-95-4	2,4,5-Trichlorophenol	· ND	5.0	0.45	U	- 10 O MARTIN AND A STATE OF THE STATE OF TH
65-85-0	Benzoic Acid	ND	50	1.0	U	2000-0-7-V-94-1000-1000
100-51-6	Benzyl Alcohol	ND	2.0	0.47	U	
86-74-8	Carbazole	ND	2.0	0.53	U	
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### Tentatively Identified Compounds SemiVolatile Organics

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number : Lab ID : L1116534-05 Date Collected : 10/11/11 16:00

Client ID : FIELD BLANK-1 (PUMP) Date Received : 10/12/11
Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/15/11 21:02

Sample Matrix : WATER Date Extracted : 10/13/11
Analytical Method : 1,8270C Dilution Factor : 1
Lab File ID : 16534-05 Analyst : RC
Sample Amount : 1000 ml Instrument ID : GCMS5.I

Extraction Method : EPA 3510C GC Column :

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

Number TICS found: 0 Concentration Units: ug/L

CAS Number Compound Name RT EST. CONC. Qualifier

NO TENTATIVELY IDENTIFIED COMPOUNDS

Cw 11/25/11



Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number

 Lab ID
 : L1116534-05
 Date Collected
 : 10/11/11 16:00

 Client ID
 : FIELD BLANK-1 (PUMP)
 Date Received
 : 10/12/11

 Sample Location
 : 212 E. HARDSDALE AVE., NY
 Date Analyzed
 : 10/15/11 14:38

: 10/13/11 Sample Matrix : WATER **Date Extracted** Analytical Method : 1,8270C **Dilution Factor** : 1 : 16534-05 : 1000 ml : JC Lab File ID Analyst Sample Amount Instrument ID : MORK.I Extraction Method : EPA 3510C GC Column : RXI-5SilMS

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	_
33-32-9	Acenaphthene	ND ND	0.20	0.06	U	
91-58-7	2-Chloronaphthalene	ND	0.20	0.07	U	
206-44-0	Fluoranthene	ND	0.20	0.04	U	
37-68-3	Hexachlorobutadiene	ND	0.50	0.07	U	
91-20-3	Naphthalene	ND	0.20	0.06	U	
56-55-3	Benzo(a)anthracene	ND	0.20	0.06	U	
50-32-8	Benzo(a)pyrene	ND	0.20	0.07	U	
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.07	U	
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.07	U	
218-01-9	Chrysene	ND	0.20	0.05	U	
208-96-8	Acenaphthylene	ND	0.20	0.05	U	
120-12-7	Anthracene	ND	0.20	0.06	U	
191-24-2	Benzo(ghi)perylene	ND	0.20	0.07	U	
86-73-7	Fluorene	ND	0.20	0.06	U	
85-01-8	Phenanthrene	ND	0.20	0.06	U	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.07	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U	
129-00-0	Pyrene	ND	0.20	0.06	U	
91-57-6	2-Methylnaphthalene	ND	0.20	0.06	U	
87-86-5	Pentachlorophenol	ND	0.80	0.19	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	,
67-72-1	Hexachloroethane	ND	0.80	0.07	U	

Client : Envirotrac Ltd. Lab Number : L1116534

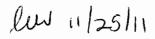
Project Name : ARISTOCRAT CLEANERS Project Number :

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 12:56
Sample Matrix : SOIL Date Extracted : 10/14/11
Analytical Method : 1,8270C Dilution Factor : 1

Lab File ID : 16534-07 Analyst : RC
Sample Amount : 30.21 g Instrument ID : JULIET.I
Extraction Method : EPA 3546 GC Column : RTX-5
Extract Volume : 1000 uL %Solids : 82

GPC Cleanup : N Injection Volume : 1 uL

		·	ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	·
		·				
83-32-9	Acenaphthene	<b>ND</b>	160	44.	<b>U</b>	
120-82-1	1,2,4-Trichlorobenzene	ND	200	59.	U	
118-74-1	Hexachlorobenzene	· ND	120	31.	<b>U</b> .	
111-44-4	Bis(2-chloroethyl)ether	ND ·	180	38.	U	
91-58-7	2-Chloronaphthalene	ND	200	60.	, U.,	
95-50-1	1,2-Dichlorobenzene	ND	200	59.	U .	
541-73-1	1,3-Dichlorobenzene	ND	200	62.	U	
106-46-7	1,4-Dichlorobenzene	ND	200	57.	U	Might Tage - may on the control of t
91-94-1	3,3'-Dichlorobenzidine	ND	200	73.	· U	e de del del del de
121-14-2	2,4-Dinitrotoluene	ND	200	60.	U	
606-20-2	2,6-Dinitrotoluene	ND .	200	66.	U	
206-44-0	Fluoranthene	63 J	120	26.	J .	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	36.	U	(0.000000000000000000000000000000000000
101-55-3	4-Bromophenyl phenyl ether	ND	200	42.	U	÷
108-60-1	Bis(2-chloroisopropyl)ether	Muj	240	57.	U	energi orden de de de de la companya
111-91-1	Bis(2-chloroethoxy)methane	ND ·	220	<b>51</b> .	·U	
87-68-3	Hexachlorobutadiene	· ND	200	54.	U	
77-47-4	Hexachlorocyclopentadiene	ND	580	160	U	
67-72-1	Hexachloroethane	ND	160	29.	U	
78-59-1	Isophorone	ND	180	48.	U	
91-20-3	Naphthalene	ND	200	64.	U	
98-95-3	Nitrobenzene	ND	180	59.	U	
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	160	51.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	200	56.	<b>U</b>	er gregerige e <b>nggy</b> erer <b>g</b> erergesige et ge e <del>e engggerjenggytjoggergenad</del>
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Client : Envirotrac Ltd. Lab Number : L1116534

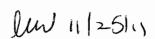
Project Name : ARISTOCRAT CLEANERS Project Number

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 12:56 Sample Matrix : SOIL Date Extracted : 10/14/11

Analytical Method : 1,8270C **Dilution Factor** : 1 Lab File ID : 16534-07 Analyst : RC Sample Amount : 30.21 g Instrument ID : JULIET.I Extraction Method: EPA 3546 GC Column : RTX-5 Extract Volume : 1000 uL %Solids : 82

GPC Cleanup : N Injection Volume : 1 uL

		·	ug/Kg		
CAS NO.	Parameter	Results	RL	MDL	Qualifier
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	200	42.	U
85-68-7	Butyl benzyl phthalate	. · ND	200	57.	U
84-74-2	Di-n-butylphthalate	, ND	200	34.	U
117-84-0	Di-n-octylphthalate	ND ·	200	54.	U
84-66-2	Diethyl phthalate	ND	200	35.	U
131-11-3	Dimethyl phthalate	, ND	200	33.	U
56-55-3	Benzo(a)anthracene	54 <b>J</b>	120	40.	J
50-32-8	Benzo(a)pyrene	100 ブ	160	48.	J
205-99-2	Benzo(b)fluoranthene	69 J	120	36.	J
207 <b>-</b> 08- <del>9</del>	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	63 J	120	31.	J
208-96-8	Acenaphthylene	ND	160	52.	U
120-12-7	Anthracene	ND	120	28.	U .
191-24-2	Benzo(ghi)perylene	ND	160	51.	U
86-73-7	Fluorene	ND	200	37.	U
85-01-8	Phenanthrene	ND	120	34.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	37.	U .
193-39-5	Indeno(1,2,3-cd)Pyrene	78 J	160	49.	J
129-00-0	Pyrene	78 J	120	33.	J
92-52-4	Biphenyl	ND	460	140	U
106-47-8	4-Chloroaniline	ND	200	68.	U
88-74-4	2-Nitroaniline	ND	200	37.	U
99-09-2	3-Nitroaniline	ND	200	23.	U
100-01-6	4-Nitroaniline	ND	200	120	U





Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-07

Client ID : SS-1

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : SOIL
Analytical Method : 1,8270C
Lab File ID : 16534-07
Sample Amount : 30.21 g
Extraction Method : EPA 3546

Extract Volume : 1000 uL GPC Cleanup : N

Lab Number :

: L1116534

Project Number

Date Collected : 10/11/11 12:30

Date Received : 10/12/11 Date Analyzed : 10/14/11 12:56

Date Extracted : 10/14/11

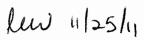
Dilution Factor : 1

Analyst : RC

Instrument ID : JULIET.I GC Column : RTX-5 %Solids : 82

Injection Volume : 1 uL

	<u> </u>	ug/Kg			
Parameter	Results	RL	MDL	Qualifier	
Dibenzofuran	ND.	200	41	Ш	
		SSEASTATION CONTRACTOR CONTRACTOR	**************************************		and the second s
			***************************************		er advir recessibe accessive de code e est as ababa <b>ccasos</b> per
Acetophenone	ND	200	65.	<b>U</b>	ELLEST SETUPIANES AND THE SECOND SETUPIANES
2,4,6-Trichlorophenol	ND	120	37.	U	
P-Chloro-M-Cresol	ND	200	41.	U	
2-Chlorophenol	ND	200	63.	Ü	
2,4-Dichlorophenol	ND	180	.59.	U	
2,4-Dimethylphenol	. ND	200	83.	U	-
2-Nitrophenol	ND	440	150	Ū	
4-Nitrophenol	· ND	280	86.	U	
2,4-Dinitrophenol	ND	970	310	U	1,
4,6-Dinitro-o-cresol	ND	520	190	U	
Pentachlorophenol	ND	160	48.	U	
Phenol	ND	200	63.	U	
2-Methylphenol	ND	200	50.	U	
3-Methylphenol/4-Methylphenol	ND	290	87.	U	
2,4,5-Trichlorophenol	ND	200	47.	U	
Benzoic Acid	ND	650	170	<b>U</b>	
Benzyl Alcohol	ND	200	47.	U	
Carbazole	ND	200	32.	U	
	Dibenzofuran  2-Methylnaphthalene  1,2,4,5-Tetrachlorobenzene  Acetophenone  2,4,6-Trichlorophenol  P-Chloro-M-Cresol  2-Chlorophenol  2,4-Dichlorophenol  2,4-Dimethylphenol  2-Nitrophenol  4-Nitrophenol  4,6-Dinitro-o-cresol  Pentachlorophenol  Phenol  2-Methylphenol  3-Methylphenol/4-Methylphenol  2,4,5-Trichlorophenol  Benzoic Acid  Benzyl Alcohol	Dibenzofuran ND  2-Methylnaphthalene ND  1,2,4,5-Tetrachlorobenzene ND  Acetophenone ND  2,4,6-Trichlorophenol ND  P-Chloro-M-Cresol ND  2-Chlorophenol ND  2,4-Dichlorophenol ND  2,4-Dimethylphenol ND  2-Nitrophenol ND  4-Nitrophenol ND  2,4-Dinitro-o-cresol ND  Pentachlorophenol ND  2,4-Dinitro-o-cresol ND  2,4-Dinitro-o-cresol ND  Phenol ND  2-Methylphenol ND  3-Methylphenol ND  3-Methylphenol/4-Methylphenol ND  Benzoic Acid ND  Benzoic Acid ND  Benzyl Alcohol ND	Parameter         Results         RL           Dibenzofuran         ND         200           2-Methylnaphthalene         ND         240           1,2,4,5-Tetrachlorobenzene         ND         200           Acetophenone         ND         200           2,4,6-Trichlorophenol         ND         120           P-Chloro-M-Cresol         ND         200           2-Chlorophenol         ND         200           2,4-Dichlorophenol         ND         180           2,4-Dimethylphenol         ND         200           2-Nitrophenol         ND         440           4-Nitrophenol         ND         280           2,4-Dinitrophenol         ND         970           4,6-Dinitro-o-cresol         ND         520           Pentachlorophenol         ND         160           Phenol         ND         200           2-Methylphenol/4-Methylphenol         ND         290           2,4,5-Trichlorophenol         ND         200           Benzoic Acid         ND         650           Benzyl Alcohol         ND         200	Parameter         Results         RL         MDL           Dibenzofuran         ND         200         41.           2-Methylnaphthalene         ND         240         79.           1,2,4,5-Tetrachlorobenzene         ND         200         64.           Acetophenone         ND         200         65.           2,4,6-Trichlorophenol         ND         120         37.           P-Chloro-M-Cresol         ND         200         41.           2-Chlorophenol         ND         200         63.           2,4-Dichlorophenol         ND         180         59.           2,4-Dimethylphenol         ND         200         83.           2-Nitrophenol         ND         200         83.           2-Nitrophenol         ND         280         86.           2,4-Dinitrophenol         ND         280         86.           2,4-Dinitrophenol         ND         50         190           Pentachlorophenol         ND         50         190           Pentachlorophenol         ND         200         63.           2-Methylphenol/4-Methylphenol         ND         200         50.           3-Methylphenol/4-Methylphenol         ND	Parameter         Results         RL         MDL         Qualifier           Dibenzofuran         ND         200         41.         U           2-Methylnaphthalene         ND         240         79.         U           1,2,4,5-Tetrachlorobenzene         ND         200         64.         U           Acetophenone         ND         200         65.         U           2,4,6-Trichlorophenol         ND         120         37.         U           P-Chloro-M-Cresol         ND         200         41.         U           2-Chlorophenol         ND         200         63.         U           2,4-Dichlorophenol         ND         180         59.         U           2,4-Dimethylphenol         ND         200         83.         U           2,4-Dimethylphenol         ND         280         86.         U           4-Nitrophenol         ND         280         86.         U           4-Pinitrophenol         ND         970         310         U           4,6-Dinitro-o-cresol         ND         520         190         U           Pentachlorophenol         ND         200         63.         U





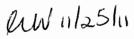
# Tentatively Identified Compounds SemiVolatile Organics

Client : Envirotrac Ltd. Lab Number : L1116534 Project Name : ARISTOCRAT CLEANERS **Project Number** Lab ID : L1116534-07 **Date Collected** 10/11/11 12:30 Client ID : SS-1 Date Received 10/12/11 : 212 E. HARDSDALE AVE., NY Sample Location Date Analyzed : 10/14/11 12:56 Sample Matrix : SOIL Date Extracted : 10/14/11 Analytical Method : 1,8270C Dilution Factor : 1 Lab File ID : 16534-07 Analyst : RC Sample Amount : 30.21 g Instrument ID : JULIET.I Extraction Method: EPA 3546 GC Column : 82 Extract Volume : 1000 uL %Solids GPC Cleanup : N Injection Volume: 1 uL

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.66	630	1 5
	Unknown	10.07	170	15
	Total TIC Compounds		800	







Client : Envirotrac Ltd.

Project Name : ARISTOCRAT CLEANERS

Lab ID : L1116534-08

Client ID : SSV-2

Sample Location : 212 E. HARDSDALE AVE., NY

Sample Matrix : SOIL
Analytical Method : 1,8270C
Lab File ID : 16534-08
Sample Amount : 30.05 g
Extraction Method : EPA 3546

Extract Volume : 1000 uL GPC Cleanup : N

Lab Number : L1116534

Project Number :

Date Collected : 10/11/11 13:30

Date Received : 10/12/11
Date Analyzed : 10/14/11 13:21

Date Extracted : 10/14/11

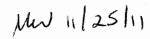
Dilution Factor : 1

Analyst : RC

Instrument ID : JULIET.I GC Column : RTX-5

%Solids : 76 Injection Volume : 1 uL

			ug/Kg		
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	47.	U
120-82-1	1,2,4-Trichlorobenzene	ND	220	64.	U
118-74-1	Hexachlorobenzene	ND	130	34.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	42.	Ū
91-58-7	2-Chloronaphthalene	ND	220	66.	U
95-50-1	1,2-Dichlorobenzene	ND	220	64.	·U
541-73-1	1,3-Dichlorobenzene	ND	220	68.	· U
106-46-7	1,4-Dichlorobenzene	ND	220	62.	U .
91-94-1	3,3'-Dichlorobenzidine	ND	220	79.	U
121-14-2	2,4-Dinitrotoluene	ND	220	66.	. U
606-20-2	2,6-Dinitrotoluene	ND	220	72.	U
206-44-0	Fluoranthene	1100	130	29.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	39.	· U
101-55-3	4-Bromophenyl phenyl ether	ND	220	45.	U
108-60-1	Bis(2-chloroisopropyl)ether	として	260	62.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	55.	U
87-68-3	Hexachlorobutadiene	ND	220	58.	· U
77-47-4	Hexachlorocyclopentadiene	ND	630	170	U
67-72-1	Hexachloroethane	ND	180	32.	U
78-59-1	Isophorone	ND	200	52.	U
91-20-3	Naphthalene	ND	220	70.	U
98-95-3	Nitrobenzene	ND	200	64.	U .
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	180	55.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	61.	U
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Client : Envirotrac Ltd. Lab Number : L1116534

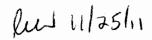
Project Name : ARISTOCRAT CLEANERS Project Number :

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 13:21 Sample Matrix : SOIL Date Extracted : 10/14/11

Analytical Method : 1,8270C **Dilution Factor** : 1 : RC Lab File ID Analyst : 16534-08 : JULIET.I Sample Amount : 30.05 g Instrument ID Extraction Method : EPA 3546 GC Column : RTX-5 : 1000 uL %Solids : 76 Extract Volume

GPC Cleanup : N Injection Volume : 1 uL

		·	ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier		
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	220	45.	U		
85-68-7	Butyl benzyl phthalate	ND	220	61.	Ü		
84-74-2	Di-n-butylphthalate	ND	220	37.	U		
117-84-0	Di-n-octylphthalate	ND	220	59.	· U		
84-66-2	Diethyl phthalate	ND	220	38.	U .		
131-11-3	Dimethyl phthalate	. ND	220	36.	U		
56-55-3	Benzo(a)anthracene	690	130	43.	-		
50-32-8	Benzo(a)pyrene	620	180	52.			
205-99-2	Benzo(b)fluoranthene	770	130	39.			
207-08-9	Benzo(k)fluoranthene	250	130	34.			
218-01-9	Chrysene	600	130	34.	***************************************		
208-96-8	Acenaphthylene	ND	180	57.	U		
120-12-7	Anthracene	76	130	30.	J		
191-24-2	Benzo(ghi)perylene	340	180	55.			
86-73-7	Fluorene	· ND	220	40.	U		
85-01-8	Phenanthrene	230	130	36.			
53-70-3	Dibenzo(a,h)anthracene	120	130	40.	J		
193-39-5	Indeno(1,2,3-cd)Pyrene	320	180	54.			
129-00-0	Pyrene	1000	130	36.			
92-52-4	Biphenyl	ND ·	500	150	U		
106-47-8	4-Chloroaniline	ND	220	74.	U		
88-74-4	2-Nitroaniline	ND ND	220	40.	U		
99-09-2	3-Nitroaniline	ND ND	220	24.	U		
100-01-6	4-Nitroaniline	ND	220	130	U		





Client : Envirotrac Ltd. Lab Number : L1116534

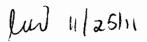
Project Name : ARISTOCRAT CLEANERS Project Number :

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 13:21

Date Extracted : 10/14/11 Sample Matrix : SOIL Analytical Method : 1,8270C **Dilution Factor** : 1 Lab File ID : RC : 16534-08 Analyst Instrument ID Sample Amount : 30.05 g : JULIET.I Extraction Method : EPA 3546 GC Column : RTX-5 Extract Volume : 1000 uL %Solids : 76

GPC Cleanup : N Injection Volume : 1 uL

		* * <u>*</u>	ug/Kg		
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	45.	U
91-57-6	2-Methylnaphthalene	ND	260	86.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	70.	U
98-86-2	Acetophenone	ND	220	70.	U
		ND	130	40.	U
88-06-2	2,4,6-Trichlorophenol		gar garagan ng na gagaran an ana an an an an an an an an		anne de la companya del companya de la companya del companya de la
59-50-7	P-Chloro-M-Cresol	ND	220	45.	U
95-57-8	2-Chlorophenol	ND	220	68.	U
120-83-2	2,4-Dichlorophenol	ND	200	64.	U
105-67-9	2,4-Dimethylphenol	. ND	220	90.	Ū
88-75-5	2-Nitrophenol	ND	470	160	U
100-02-7	4-Nitrophenol	ND	310	93.	U
51-28-5	2,4-Dinitrophenol	ND	1000	340	U
534-52-1	4,6-Dinitro-o-cresol	ND	570	210	U
87-86-5	Pentachlorophenol	ND	180	52.	U
108-95-2	Phenol	· ND	220	69.	U
95-48-7	2-Methylphenol	ND .	220	54.	U
108-39-4	3-Methylphenol/4-Methylphenol	. ND	320	95.	U
95-95-4	2,4,5-Trichlorophenol	, ND	220	51.	U
65-85-0	Benzoic Acid	ND	710	180	U
100-51-6	Benzyl Alcohol	ND	220	51.	U
86-74-8	Carbazole	ND	220	35.	U





# Tentatively Identified Compounds SemiVolatile Organics

8

: L1116534 Client : Envirotrac Ltd. Lab Number Project Name : ARISTOCRAT CLEANERS **Project Number** 10/11/11 13:30 Date Collected Lab ID : L1116534-08 Client ID : SSV-2 Date Received 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 13:21 : SOIL Date Extracted : 10/14/11 Sample Matrix Analytical Method : 1,8270C **Dilution Factor** : 1 Lab File ID : 16534-08 Analyst : RC Sample Amount : 30.05 g Instrument ID JULIET.I GC Column Extraction Method : EPA 3546 : 1000 uL Extract Volume %Solids : 76

GPC Cleanup : N

Number TICS found: 1

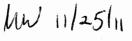
Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier	
	Unknown	1.66	380	YJ	

Total TIC Compounds

380

Injection Volume: 1 uL





Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

 Lab ID
 : L1116534-09
 Date Collected
 : 10/11/11 14:00

 Client ID
 : SB-101
 Date Received
 : 10/12/11

 Sample Location
 : 212 E. HARDSDALE AVE., NY
 Date Analyzed
 : 10/14/11 13:47

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 13:4

Sample Matrix : SOIL Date Extracted : 10/14/11

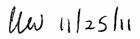
Analytical Method : 1,8270C Dilution Factor : 1

Lab File ID : 16534-09 Analyst : RC

Sample Amount : 30.15 g Instrument ID : JULIET.I

Extraction Method: EPA 3546 GC Column: RTX-5 Extract Volume: 1000 uL %Solids: 82 GPC Cleanup: N Injection Volume: 1 uL

			ug/Kg		
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	160	44.	U
120-82-1	1,2,4-Trichlorobenzene	ND	200	59.	U
118-74-1	Hexachlorobenzene	ND	120	32.	U
111 <del>-44</del> -4	Bis(2-chloroethyl)ether	ND	180	38.	U
91-58-7	2-Chloronaphthalene	ND	200	61.	U
95-50-1	1,2-Dichlorobenzene	ND	200	59.	U .
541-73-1	1,3-Dichlorobenzene	ND	200	63.	U
106-46-7	1,4-Dichlorobenzene	ND	200	57.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	73.	U
121-14-2	2,4-Dinitrotoluene	ND	200	61.	U
606-20-2	2,6-Dinitrotoluene	ND	200	66.	U
206-44-0	Fluoranthene	520 J	120	26.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	36.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	42.	U
108-60-1	Bis(2-chloroisopropyl)ether	wuj	240	57.	U
111-91-1	Bis(2-chloroethoxy)methane	. ND	220	51.	U
87-68-3	Hexachlorobutadiene	ND	200	54.	U
77-47-4	Hexachlorocyclopentadiene	ND	580	160	U
67-72-1	Hexachloroethane	ND	160	29.	U
78-59-1	Isophorone	ND	180	48.	U
91-20-3	Naphthalene	82	200	64.	J
98-95-3	Nitrobenzene	ND	180	59.	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	160	51.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	56.	U
		·			





Client : Envirotrac Ltd. Project Name

: ARISTOCRAT CLEANERS

Lab ID : L1116534-09

Client ID : SB-101

: 212 E. HARDSDALE AVE., NY Sample Location

Sample Matrix : SOIL Analytical Method : 1,8270C Lab File ID : 16534-09 Sample Amount : 30.15 g Extraction Method: EPA 3546

Extract Volume : 1000 uL GPC Cleanup : N

Lab Number : L1116534

Project Number

Date Collected 10/11/11 14:00

Date Received : 10/12/11 Date Analyzed : 10/14/11 13:47

Date Extracted : 10/14/11

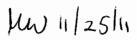
Dilution Factor : 1 : RC

Analyst Instrument ID GC Column

: JULIET.I : RTX-5 : 82

%Solids Injection Volume: 1 uL

CAS NO.	Parameter	Results	RL	MDL	Qualifier	***********
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	200	42.	U	
85-68-7	Butyl benzyl phthalate	· ND	200	<b>57.</b>	U	and the second second
84-74-2	Di-n-butylphthalate	ND	200	34.	U	
117-84-0	Di-n-octylphthalate	ND	200	55.	U .	
84-66-2	Diethyl phthalate	ND	200	35.	U	
131-11-3	Dimethyl phthalate	, ND	200	33.	U	
56-55-3	Benzo(a)anthracene	470 J	120	40.		
50-32-8	Benzo(a)pyrene	500 ブ	160	48.		
205-99-2	Benzo(b)fluoranthene	570 <b>J</b>	120	36.		
207-08-9	Benzo(k)fluoranthene	160	120	31.		
218-01-9	Chrysene	440 ブ	120	32.		
208-96-8	Acenaphthylene	ND	160	52.	U	
120-12-7	Anthracene	39	120	28.	J	
191-24-2	Benzo(ghi)perylene	300	160	51.		
86-73-7	Fluorene	, ND	200	-37.	Ü ,	
85-01-8	Phenanthrene	110 -	120	34.	J	
53-70-3	Dibenzo(a,h)anthracene	81	120	37.	J	
193-39-5	Indeno(1,2,3-cd)Pyrene	290 丁	160	49.		
129-00-0	Pyrene	500 <b>丁</b>	120	33.		
92-52-4	Biphenyl	ND	460	140	U	,
106-47-8	4-Chloroaniline	ND	200	68.	U	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
88-74-4	2-Nitroaniline	ND	200	37.	U	
99-09-2	3-Nitroaniline	ND	200	23.	U	
100-01-6	4-Nitroaniline	ND	200	120	U	





Client : Envirotrac Ltd. Lab Number : L1116534

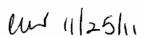
Project Name : ARISTOCRAT CLEANERS Project Number :

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 13:47 Sample Matrix : SOIL Date Extracted : 10/14/11

Analytical Method : 1,8270C Dilution Factor : 1 Lab File ID : 16534-09 Analyst : RC Sample Amount : 30.15 g Instrument ID : JULIET.I Extraction Method : EPA 3546 : RTX-5 GC Column Extract Volume : 1000 uL %Solids : 82

GPC Cleanup : N Injection Volume : 1 uL

		ug/Kg			
Parameter	Results	RL.	MDL	Qualifier	
Dibenzofuran	ND	200	42.	U	
2-Methylnaphthalene	120	240	80.	·J	navenneneendelmeer di
1,2,4,5-Tetrachlorobenzene	ND	200	64.	U	
Acetophenone	ND	200	65.	U	
2,4,6-Trichlorophenol	ND	120	37.	U	
P-Chloro-M-Cresol	ND	200	41.	U	D-9000,004.0*********
2-Chlorophenol	ND ·	200	63.	U	
2,4-Dichlorophenol	· ND	180	59.	U	
2,4-Dimethylphenol	ND	200	83.	U	
2-Nitrophenol	ND .	440	150	U	
4-Nitrophenol	. ND	280	86.	U	
2,4-Dinitrophenol	, ND	970	310	U	
4,6-Dinitro-o-cresol	ND	520	190	U	
Pentachlorophenol	ND	160	48.	Ú	
Phenol	ND	200	64.	U	
2-Methylphenol	ND .	200	50.	U	
3-Methylphenol/4-Methylphenol	ND	290	87.	Ü	
2,4,5-Trichlorophenol	ND .	200	47.	U	
Benzoic Acid	ND	660	170	U	
Benzyl Alcohol	ND	200	47.	Ù	
Carbazole	ND	200	32.	U	
	Dibenzofuran  2-Methylnaphthalene  1,2,4,5-Tetrachlorobenzene  Acetophenone  2,4,6-Trichlorophenol  P-Chloro-M-Cresol  2-Chlorophenol  2,4-Dichlorophenol  2,4-Dimethylphenol  2-Nitrophenol  4-Nitrophenol  2,4-Dinitrophenol  2,4-Dinitro-o-cresol  Pentachlorophenol  Phenol  2-Methylphenol  3-Methylphenol/4-Methylphenol  2,4,5-Trichlorophenol  Benzoic Acid  Benzyl Alcohol	Dibenzofuran         ND           2-Methylnaphthalene         120           1,2,4,5-Tetrachlorobenzene         ND           Acetophenone         ND           2,4,6-Trichlorophenol         ND           P-Chloro-M-Cresol         ND           2-Chlorophenol         ND           2,4-Dichlorophenol         ND           2,4-Dimethylphenol         ND           2-Nitrophenol         ND           4-Nitrophenol         ND           2,4-Dinitrophenol         ND           4,6-Dinitro-o-cresol         ND           Pentachlorophenol         ND           Phenol         ND           2-Methylphenol/4-Methylphenol         ND           3-Methylphenol/4-Methylphenol         ND           Benzoic Acid         ND           Benzyl Alcohol         ND	Parameter         Results         RL           Dibenzofuran         ND         200           2-Methylnaphthalene         120         240           1,2,4,5-Tetrachlorobenzene         ND         200           Acetophenone         ND         200           2,4,6-Trichlorophenol         ND         120           P-Chloro-M-Cresol         ND         200           2-Chlorophenol         ND         200           2,4-Dichlorophenol         ND         180           2,4-Dimethylphenol         ND         200           2-Nitrophenol         ND         440           4-Nitrophenol         ND         280           2,4-Dinitrophenol         ND         970           4,6-Dinitro-o-cresol         ND         520           Pentachlorophenol         ND         160           Phenol         ND         200           2-Methylphenol/4-Methylphenol         ND         290           2,4,5-Trichlorophenol         ND         200           Benzoic Acid         ND         660           Benzyl Alcohol         ND         200	Parameter         Results         RL         MDL           Dibenzofuran         ND         200         42.           2-Methylnaphthalene         120         240         80.           1,2,4,5-Tetrachlorobenzene         ND         200         64.           Acetophenone         ND         200         65.           2,4,6-Trichlorophenol         ND         120         37.           P-Chloro-M-Cresol         ND         200         41.           2-Chlorophenol         ND         200         63.           2,4-Dichlorophenol         ND         180         59.           2,4-Dimethylphenol         ND         200         83.           2-Nitrophenol         ND         200         83.           2-Nitrophenol         ND         280         86.           2,4-Dinitrophenol         ND         280         86.           2,4-Dinitro-o-cresol         ND         520         190           Pentachlorophenol         ND         520         190           Pentachlorophenol         ND         200         64.           2-Methylphenol/4-Methylphenol         ND         200         50.           3-Methylphenol/4-Methylphenol	Parameter   Results   RL   MDL   Qualifier





### Tentatively Identified Compounds SemiVolatile Organics

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/14/11 13:47

Sample Matrix : SOIL Date Extracted : 10/14/11
Analytical Method : 1,8270C Dilution Factor : 1

Sample Amount : 30.15 g Instrument ID : JULIET.I Extraction Method : EPA 3546 GC Column :

Extract Volume : 1000 uL %Solids : 82
GPC Cleanup : N Injection Volume : 1 uL

#### Number TICS found: 4

#### Concentration Units: ug/Kg

<b>CAS Number</b>	Compound Name	RT	EST. CONC.	Qualifier	
	Unknown	1.30	290	1 5	
	Unknown	1.55	240		
	Unknown	1.66	660		
**************************************	Unknown PAH	7.86	160		
***************************************		-			

Total TIC Compounds 1350



Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number

 Lab ID
 : L1116534-10
 Date Collected
 : 10/11/11 16:05

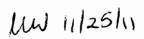
 Client ID
 : FIELD BLANK-2 (AUGER)
 Date Received
 : 10/12/11

 Sample Location
 : 212 E. HARDSDALE AVE., NY
 Date Analyzed
 : 10/15/11 21:27

Sample Matrix : WATER Date Extracted : 10/13/11 Analytical Method : 1,8270C Dilution Factor : 1 Lab File ID : 16534-10 Analyst : RC Sample Amount : 1000 ml : GCMS5.I Instrument ID Extraction Method : EPA 3510C GC Column : RTX-5 Extract Volume : 1000 uL %Solids : N/A

GPC Cleanup : N Injection Volume : 1 uL

Parameter		ug/L_		
	Results	RL	MDL	Qualifier
1,2,4-Trichlorobenzene	ND	5.0	0.67	U .
Bis(2-chloroethyl)ether	ND	2.0	0.39	U
1,2-Dichlorobenzene	ND	2.0	0.55	U
1,3-Dichlorobenzene	ND	2.0	0.55	U
1,4-Dichlorobenzene	ND	2.0	0.55	U .
3,3'-Dichlorobenzidine	ND	5.0	0.85	U
2,4-Dinitrotoluene	ND	5.0	0.45	U
2,6-Dinitrotoluene	ND	5.0	0.46	U .
4-Chlorophenyl phenyl ether	ND	2.0	0.61	U
4-Bromophenyl phenyl ether	ND	2.0	0.67	U
Bis(2-chloroisopropyl)ether	ND	2.0	0.50	U
Bis(2-chloroethoxy)methane	ND	5.0	0.40	U
Hexachlorocyclopentadiene	ND	20	2.1	U
Isophorone	ND	5.0	0.35	U
Nitrobenzene	ND	2.0	0.50	U
NitrosoDiPhenylAmine(NDPA)/DPA	ND	2.0	0.70	U
n-Nitrosodi-n-propylamine	ND	5.0	0.39	· U
Bis(2-Ethylhexyl)phthalate	. ND	3.0	1.4	U
Butyl benzyl phthalate	ND	5.0	0.46	U
Di-n-butylphthalate	ND	5.0	0.54	U
Di-n-octylphthalate	ND	5.0	0.53	U
Diethyl phthalate	ND	5.0	0.45	U
Dimethyl phthalate	ND	5.0	0.45	U
Biphenyl	ND	2.0	0.50	U
	1,2,4-Trichlorobenzene Bis(2-chloroethyl)ether 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 3,3'-Dichlorobenzidine 2,4-Dinitrotoluene 2,6-Dinitrotoluene 4-Chlorophenyl phenyl ether 4-Bromophenyl phenyl ether Bis(2-chloroisopropyl)ether Bis(2-chloroethoxy)methane Hexachlorocyclopentadiene Isophorone Nitrobenzene NitrosoDiPhenylAmine(NDPA)/DPA n-Nitrosodi-n-propylamine Bis(2-Ethylhexyl)phthalate Butyl benzyl phthalate Di-n-butylphthalate Di-n-octylphthalate Diethyl phthalate Diethyl phthalate	1,2,4-Trichlorobenzene ND Bis(2-chloroethyl)ether ND 1,2-Dichlorobenzene ND 1,3-Dichlorobenzene ND 1,4-Dichlorobenzene ND 3,3'-Dichlorobenzidine ND 2,4-Dinitrotoluene ND 2,6-Dinitrotoluene ND 4-Chlorophenyl phenyl ether ND 4-Bromophenyl phenyl ether ND Bis(2-chloroisopropyl)ether ND Bis(2-chloroethoxy)methane ND Hexachlorocyclopentadiene ND Nitrobenzene ND NitrosoDiPhenylAmine(NDPA)/DPA ND n-Nitrosodi-n-propylamine ND Bis(2-Ethylhexyl)phthalate ND Di-n-butylphthalate ND Di-n-octylphthalate ND Diethyl phthalate ND	Parameter         Results         RL           1,2,4-Trichlorobenzene         ND         5.0           Bis(2-chloroethyl)ether         ND         2.0           1,2-Dichlorobenzene         ND         2.0           1,3-Dichlorobenzene         ND         2.0           1,4-Dichlorobenzene         ND         5.0           2,4-Dinitrotoluene         ND         5.0           2,4-Dinitrotoluene         ND         5.0           4-Chlorophenyl phenyl ether         ND         5.0           4-Chlorophenyl phenyl ether         ND         2.0           4-Bromophenyl phenyl ether         ND         2.0           Bis(2-chloroisopropyl)ether         ND         2.0           Bis(2-chloroethoxy)methane         ND         5.0           Hexachlorocyclopentadiene         ND         5.0           Isophorone         ND         5.0           NitrosoDiPhenylAmine(NDPA)/DPA         ND         2.0           NitrosoDi-n-propylamine         ND         5.0           Butyl benzyl phthalate         ND         5.0           Di-n-butylphthalate         ND         5.0           Di-n-octylphthalate         ND         5.0           Diethyl phthalate	ND   S.0   0.67





Client

: Envirotrac Ltd.

Lab Number

Project Name

: ARISTOCRAT CLEANERS

Project Number

: L1116534

Lab ID

: L1116534-10

Date Collected

10/11/11 16:05

Client ID

: FIELD BLANK-2 (AUGER)

Date Received

: 10/12/11

Sample Matrix

Sample Location : 212 E. HARDSDALE AVE., NY

Date Analyzed Date Extracted : 10/15/11 21:27

Analytical Method : 1,8270C

: WATER

Dilution Factor

: 10/13/11 : 1

Lab File ID

: 16534-10

Analyst : RC

: GCMS5.I

Sample Amount Extraction Method : EPA 3510C

: 1000 ml

Instrument ID GC Column

: RTX-5

Extract Volume : 1000 uL

%Solids

: N/A

GPC Cleanup

: N

Injection Volume : 1 uL

			ug/L		
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	5.0	0.83	U
88-74-4	2-Nitroaniline	ND .	5.0	0.40	U
99-09-2	3-Nitroaniline	· ND	5.0	0.59	U .
100-01-6	4-Nitroaniline	· ND	5.0	0.55	U
132-64-9	Dibenzofuran	. ND	2.0	0.47	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.65	U
98-86-2	Acetophenone	. ND	5.0	0.55	U <sub>.</sub>
88-06-2	2,4,6-Trichlorophenol	. ND	5.0	0.45	U .
59-50-7	P-Chloro-M-Cresol	ND	2.0	0.50	U
95-57-8	2-Chlorophenol	ND	2.0	0.34	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.43	U
105-67-9	2,4-Dimethylphenol	, ND	5.0	1.2	U
88-75-5	2-Nitrophenol	ND	10	0.48	U
100-02-7	4-Nitrophenol	ND	10	1.2	· U
51-28-5	2,4-Dinitrophenol	ND .	20	1.4	U.
534-52-1	4,6-Dinitro-o-cresol	ND	10	0.59	U
108-95-2	Phenol	ND	5.0	0.26	U
95-48-7	2-Methylphenol	ND	5.0	0.53	U ·
108-39-4	3-Methylphenol/4-Methylphenol	ND	5.0	0.47	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.45	U ·
65-85-0	Benzoic Acid	ND	50	1.0	U
100-51-6	Benzyl Alcohol	ND	2.0	0.47	U
86-74-8	Carbazole	ND	2.0	0.53	U





### Tentatively Identified Compounds SemiVolatile Organics

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/15/11 21:27
Sample Matrix : WATER Date Extracted : 10/13/11
Analytical Method : 1,8270C Dilution Factor : 1
Lab File ID : 16534-10 Analyst : RC

Lab File ID : 16534-10 Analyst : RC
Sample Amount : 1000 ml Instrument ID : GCMS5.I
Extraction Method : EPA 3510C GC Column :

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

Number TICS found: 0 Concentration Units: ug/L

CAS Number Compound Name RT EST. CONC. Qualifier
NO TENTATIVELY IDENTIFIED COMPOUNDS

ll 11/25/11



Client : Envirotrac Ltd.

: ARISTOCRAT CLEANERS

: L1116534

Project Name

Project Number

Lab ID Client ID : L1116534-10

**Date Collected** Date Received

Date Analyzed

Lab Number

: 10/11/11 16:05

Sample Location

: FIELD BLANK-2 (AUGER) : 212 E. HARDSDALE AVE., NY : 10/12/11 : 10/15/11 15:05

Sample Matrix

: WATER

Date Extracted : 1

: 10/13/11

Analytical Method : 1,8270C Lab File ID Sample Amount

: 16534-10 : 1000 ml

**Dilution Factor** Analyst Instrument ID

: JC : MORK.I RXI-5SilMS

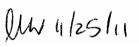
Extract Volume

Extraction Method: EPA 3510C : 1000 uL

GC Column %Solids N/A

GPC Cleanup : N Injection Volume: 1 uL

			ug/L		
CAS NO.	Parameter	Results	RL_	MDL	Qualifier
33-32-9	Acenaphthene	ND	0.20	0.06	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.07	U
206-44-0	Fluoranthene	ND	0.20	0.04	U
7-68-3	Hexachlorobutadiene	ND	0.50	0.07	U
91-20-3	Naphthalene	ND	0.20	0.06	U
6-55-3	Benzo(a)anthracene	ND	0.20	0.06	U
50-32-8	Benzo(a)pyrene	ND	0.20	0.07	U
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.07	U
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.07	U
218-01-9	Chrysene	ND	0.20	0.05	U
208-96-8	Acenaphthylene	ND	0.20	0.05	U
120-12-7	Anthracene	ND	0.20	0.06	U
91-24-2	Benzo(ghi)perylene	ND	0.20	0.07	U
36-73-7	Fluorene	ND	0.20	0.06	U
35-01-8	Phenanthrene	ND	0.20	0.06	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.07	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U
129-00-0	Pyrene	ND	0.20	0.06	U
91-57-6	2-Methylnaphthalene	ND	0.20	0.06	U
37-86-5	Pentachlorophenol	ND	0.80	0.19	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.07	U



•			

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number : Lab ID : L1116534-01 Date Collected : 10/11/11 11:00

Sample Matrix : WATER Date Extracted : 10/18/11
Analytical Method : 1,8081A Dilution Factor : 1

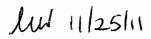
Lab File ID: 1019D012Analyst: BWSample Amount: 1000 mlInstrument ID: PEST10.IExtraction Method: EPA 3510CGC Column: CLPPesticides

Extract Volume : 10000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL Sulfur Cleanup : N

57-74-9

Chlordane

ug/L MDL Results RL Qualifier CAS NO. **Parameter** Delta-BHC 0.020 0.005 U ND 319-86-8 Lindane ND 0.020 0.004 U 58-89-9 319-84-6 Alpha-BHC ND 0.020 0.004 U 319-85-7 Beta-BHC ND 0.020 0.006 U Heptachlor 0.020 0.003 U ND 76-44-8 309-00-2 Aldrin ND 0.020 0.002 U Heptachlor epoxide ND 0.020 0.004 U 1024-57-3 72-20-8 Endrin ND 0.040 0.004 U 0.005 U Endrin ketone ND 0.040 53494-70-5 60-57-1 Dieldrin ND 0.040 0.004 U 4.4'-DDE 0.040 72-55-9 ND 0.004 U 72-54-8 4,4'-DDD ND 0.040 0.005 U 4,4'-DDT ND 0.040 0.004 U 50-29-3 959-98-8 Endosulfan I ND 0.020 0.003 U 33213-65-9 Endosulfan II ND 0.040 0.005 U 0.040 1031-07-8 Endosulfan sulfate ND 0.005 U ND 0.200 0.007 U 72-43-5 Methoxychlor U 8001-35-2 Toxaphene ND 0.200 0.063 trans-Chlordane ND 0.020 0.006 U 5103-74-2



ND

0.200

0.046

U



Page 3208 of 5010

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

 Lab ID
 : L1116534-02
 Date Collected
 : 10/11/11 15:30

 Client ID
 : MW-3
 Date Received
 : 10/12/11

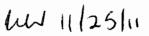
 Sample Location
 : 212 E. HARDSDALE AVE., NY
 Date Analyzed
 : 10/18/11 08:13

Sample Matrix : WATER Date Extracted : 10/14/11 Analytical Method : 1,8081A Dilution Factor Lab File ID : 10180009 Analyst : BW Sample Amount : 1000 ml Instrument ID : PEST10.I Extraction Method: EPA 3510C GC Column : CLPPesticides

Extract Volume : 10000 uL %Solids : N/A GPC Cleanup : N

GPC Cleanup : N Injection Volume : 1 uL Sulfur Cleanup : N

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	******************************
319-86-8	Delta-BHC	ND	0.020	0.005	U	
58-89-9	Lindane	ND	0.020	0.004	U	
319-84-6	Alpha-BHC	ND	0.020	0.004	U	
319-85-7	Beta-BHC	ND	0.020	0.006	U	
76-44-8	Heptachlor	, ND	0.020	0.003	U	
309-00-2	Aldrin	ND	0.020	0.002	U .	
1024-57-3	Heptachlor epoxide	ND	0.020	0.004	U	P-00000000079-00007990
72-20-8	Endrin	. ND	0.040	0.004	U	
53494-70-5	Endrin ketone	· ND	0.040	0.005	U .	************************
60-57-1	Dieldrin	ND	0.040	0.004	U	
72-55-9	4,4'-DDE	· ND	0.040	0.004	Ü	
50-29-3	4,4'-DDT	ND	0.040	0.004	U	**************************************
959-98-8	Endosulfan I	ND .	0.020	0.003	U	
33213-65-9	Endosulfan II	ND	0.040	0.005	U	
1031-07-8	Endosulfan sulfate	ND ·	0.040	0.005	. U	
72-43-5	Methoxychlor	ND	0.200	0.007	U	
8001-35-2	Toxaphene	ND ·	0.200	0.063	U	ACAD AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
5103-74-2	trans-Chlordane	ND	0.020	0.006	U	
57-74-9	Chlordane	ND	0.200	0.046	U	
			***********************	COMPANIA (CONTRACTOR CONTRACTOR MARIE AND		***************************************

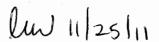


Client : Envirotrac Ltd. Lab Number : L1116534 **Project Name** : ARISTOCRAT CLEANERS Project Number Lab ID : L1116534-02 Date Collected : 10/11/11 15:30 Client ID : MW-3 Date Received : 10/12/11 : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/18/11 08:13 Sample Location : WATER : 10/14/11 Date Extracted Sample Matrix **Dilution Factor** : 1 Analytical Method : 1,8081A : BW Lab File ID : 10180009 Analyst Sample Amount : 1000 ml Instrument ID : PEST10.I Extraction Method : EPA 3510C GC Column : CLPPesticidesII Extract Volume : 10000 uL %Solids : N/A GPC Cleanup : N Injection Volume: 1 uL

Sulfur Cleanup

: N

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
72-54-8	4,4'-DDD	0.054	0.040	0.005		
	***************************************	 ·····			***************************************	





Client : Envirotrac Ltd. Lab Number : L1116534

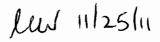
Project Name : ARISTOCRAT CLEANERS Project Number :

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/18/11 08:26 Sample Matrix : WATER Date Extracted : 10/14/11

Analytical Method : 1,8081A Dilution Factor 1 Lab File ID : 10180010 Analyst BW Sample Amount : 980 ml Instrument ID PEST10.I Extraction Method : EPA 3510C GC Column : CLPPesticides Extract Volume : 10000 uL %Solids : N/A

GPC Cleanup : N Injection Volume : 1 uL Sulfur Cleanup : N

ug/L CAS NO. **Parameter** Results RL MDL Qualifier Delta-BHC 319-86-8 ND 0.020 U 0.005 58-89-9 Lindane ND 0.020 0.004 U Alpha-BHC 319-84-6 0.020 0.004 ND U 319-85-7 Beta-BHC ND 0.020 0.006 U Heptachlor 76-44-8 ND 0.020 0.003 U 309-00-2 Aldrin ND 0.020 0.002 U 1024-57-3 Heptachlor epoxide ND 0.020 0.004 U 72-20-8 Endrin ND 0.041 0.004 U Endrin ketone 53494-70-5 ND 0.041 0.005 U 60-57-1 Dieldrin ND 0.004 U 0.041 4.4'-DDE 72-55-9 ND 0.041 0.004 U 959-98-8 Endosulfan I ND 0.020 0.004 U Endosulfan II 33213-65-9 ND 0.041 0.005 U 1031-07-8 Endosulfan sulfate ND 0.041 0.005 U 8001-35-2 Toxaphene ND 0.204 0.064 U 5103-74-2 trans-Chlordane ND 0.020 0.006 U 57-74-9 Chlordane ND 0.204 0.047 U





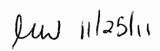
Client : Envirotrac Ltd. Lab Number : L1116534 : ARISTOCRAT CLEANERS Project Name Project Number Date Collected Lab ID : 10/11/11 13:45 : L1116534-03 Client ID : MW-7 Date Received : 10/12/11 : 10/18/11 08:26 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed Sample Matrix : WATER Date Extracted : 10/14/11 Analytical Method : 1,8081A **Dilution Factor** : 1 : BW Lab File ID : 10180010 Analyst

Sample Amount : 980 ml Instrument ID : PEST10.I
Extraction Method : EPA 3510C GC Column : CLPPesticidesII
Extract Volume : 10000 uL %Solids : N/A

GPC Cleanup : N Sulfur Cleanup : N

			ug/L		
CAS NO.	Parameter	Results	RL	MDL	Qualifier
72-54-8	4,4'-DDD	0.009	0.041	0.005	yJ
50-29-3	4,4'-DDT	0.010	0.041	0.004	J
72-43-5	Methoxychlor	0.014	0.204	0.007	15

Injection Volume: 1 uL





Client : Envirotrac Ltd. Lab Number : L1116534

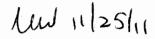
Project Name : ARISTOCRAT CLEANERS Project Number :

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/18/11 08:39
Sample Matrix : WATER Date Extracted : 10/14/11

: 1 Analytical Method : 1,8081A **Dilution Factor** Lab File ID BW : 10180011 Analyst Sample Amount : 1000 ml Instrument ID PEST10.I Extraction Method : EPA 3510C GC Column : CLPPesticides Extract Volume : 10000 uL %Solids : N/A

GPC Cleanup : N Injection Volume : 1 uL Sulfur Cleanup : N

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86 <b>-</b> 8	Delta-BHC	, ND	0.020	0.005	U	
58-89-9	Lindane	. ND	0.020	0.004	U	
319-84-6	Alpha-BHC	ND	0.020	0.004	U	
319-85-7	Beta-BHC	ND	0.020	0.006	U	
76-44-8	Heptachlor	ND	0.020	0.003	U	
309-00-2	Aldrin	ND	0.020	0.002	U	
1024-57-3	Heptachlor epoxide	ND	0.020	0.004	U	
72-20-8	Endrin	ND ·	0.040	0.004	U	
53494-70-5	Endrin ketone	ND .	0.040	0.005	U	
60-57-1	Dieldrin	ND	0.040	0.004	U	
72-55-9	4,4'-DDE	ND	0.040	0.004	Ü	,
50-29-3	4,4'-DDT	ND	0.040	0.004	U	
959-98-8	Endosulfan I	ND	0.020	0.003	U	:
33213-65-9	Endosulfan II	ND	0.040	0.005	U	
1031-07-8	Endosulfan sulfate	ND	0.040	0.005	U	
8001-35-2	Toxaphene	ND	0.200	0.063	U	
5103-74-2	trans-Chlordane	ND	0.020	0.006	U	
57-74-9	Chlordane	ND	0.200	0.046	U	
A A A A A A A A A A A A A A A A A A A			www.nemnamivi.eii.iim	********************************	64 A	



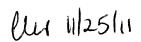


Client : Envirotrac Ltd. Lab Number : L1116534 : ARISTOCRAT CLEANERS Project Number **Project Name** Lab ID : L1116534-04 **Date Collected** : 10/11/11 11:15 Date Received Client ID : MW-101 : 10/12/11 : 212 E. HARDSDALE AVE., NY Sample Location Date Analyzed : 10/18/11 08:39 Sample Matrix : WATER Date Extracted : 10/14/11 **Dilution Factor** Analytical Method : 1,8081A : 1 BW Lab File ID : 10180011 Analyst : 1000 ml PEST10.I Sample Amount Instrument ID Extraction Method: EPA 3510C GC Column : CLPPesticidesII Extract Volume : 10000 uL %Solids : N/A

GPC Cleanup : N Sulfur Cleanup : N

			ug/L		
CAS NO.	Parameter	Results	RL	MDL	Qualifier
72-54-8	4,4'-DDD	0.010	0.040	0.005	y J
72-43-5	Methoxychlor	0.012	0.200	0.007	J

Injection Volume : 1 uL



Client : Envirotrac Ltd. Lab Number : L1116534

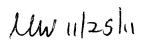
Project Name : ARISTOCRAT CLEANERS Project Number :

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/18/11 08:52
Sample Matrix : WATER Date Extracted : 10/14/11

Analytical Method : 1,8081A Dilution Factor 1 Lab File ID : 10180012 Analyst BW Sample Amount : 1000 ml Instrument ID PEST10.I Extraction Method : EPA 3510C GC Column : CLPPesticides **Extract Volume** : 10000 uL %Solids : N/A

GPC Cleanup : N Injection Volume : 1 uL Sulfur Cleanup : N

ug/L CAS NO. **Parameter** Results RL MDL Qualifier Delta-BHC U 319-86-8 ND 0.020 0.005 Lindane 58-89-9 ND 0.020 0.004 U 319-84-6 Alpha-BHC 0.020 ND 0.004 U 319-85-7 Beta-BHC ND 0.020 0.006 U 76-44-8 Heptachlor ND 0.020 U 0.003 309-00-2 Aldrin ND 0.020 0.002 U 1024-57-3 Heptachlor epoxide ND 0.020 0.004 U 72-20-8 Endrin U ND 0.040 0.004 53494-70-5 Endrin ketone ND 0.040 0.005 U 60-57-1 Dieldrin ND 0.040 0.004 U 72-55-9 4,4'-DDE ND 0.040 0.004 U 72-54-8 4,4'-DDD ND 0.040 0.005 U 50-29-3 4,4'-DDT ND 0.040 0.004 U 959-98-8 Endosulfan I 0.020 ND 0.003 U Endosulfan II 33213-65-9 ND 0.040 0.005 U 1031-07-8 Endosulfan sulfate ND 0.040 0.005 U 72-43-5 ND Methoxychlor 0.200 0.007 U 8001-35-2 Toxaphene ND 0.200 0.063 U trans-Chlordane 5103-74-2 ND 0.020 0.006 U 57-74-9 Chlordane ND 0.200 0.046 U

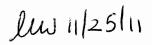




Client : Envirotrac Ltd. Lab Number : L1116534 **Project Name** : ARISTOCRAT CLEANERS Project Number Lab ID Date Collected : L1116534-07 : 10/11/11 12:30 Client ID : SS-1 Date Received : 10/12/11 : 212 E. HARDSDALE AVE., NY Sample Location Date Analyzed : 10/18/11 09:43 Sample Matrix : SOIL **Date Extracted** : 10/14/11 Analytical Method : 1,8081A **Dilution Factor** : 1 : BW Lab File ID : 10180016 Analyst Sample Amount : 15.21 g Instrument ID : PEST10.I Extraction Method: EPA 3546 GC Column : CLPPesticidesII **Extract Volume** : 10000 uL %Solids : 82

GPC Cleanup : N Injection Volume : 1 uL Sulfur Cleanup : N

		ug/Kg
CAS NO.	Parameter	Results RL MDL Qualifier
72-54-8	4,4'-DDD	10.4 1.92 0.686
1031-07-8	Endosulfan sulfate	1.22 1 0.802 0.366





Client : Envirotrac Ltd. Lab Number : L1116534

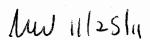
Project Name : ARISTOCRAT CLEANERS Project Number : Lab ID : L1116534-07 Date Collected : 10/11/11 1

: 10/18/11 09:43 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed Sample Matrix : SOIL Date Extracted : 10/14/11 Analytical Method : 1,8081A **Dilution Factor** : 1 : BW Lab File ID : 10180016 Analyst : PEST10.I Sample Amount Instrument ID

Sample Amount : 15.21 g Instrument ID : PEST10.I Extraction Method : EPA 3546 GC Column : CLPPesticides

Extract Volume : 10000 uL %Solids : 82
GPC Cleanup : N Injection Volume : 1 uL
Sulfur Cleanup : N

		and the second s	ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	1.92	0.377	U	
58-89-9	Lindane	ND	0.802	0.358	U	
319-84-6	Alpha-BHC	· ND	0.802	0.228	U	
319-85-7	Beta-BHC	ND	1.92	0.730	U	
76-44-8	Heptachlor	ND .	0.962	0.431	U	
309-00-2	Aldrin	, ND	1.92	0.678	Ų	-
1024-57-3	Heptachlor epoxide	1.86 ブ	3.61	1.08	y <b>r</b>	
72-20-8	Endrin	0.914 ブ	0.802	0.329	,	
53494-70-5	Endrin ketone	ND	1.92	0.496	U	
60-57-1	Dieldrin	· ND	1.20	0.601	U	
72-55-9	4,4'-DDE	11.0	1.92	0.445		
50-29-3	4,4'-DDT	18.6	3.61	1.55		
959-98-8	Endosulfan I	ND	1.92	0.455	U	
33213-65-9	Endosulfan II	ND	1.92	0.643	U	
72-43-5	Methoxychlor	ND	3.61	1.12	U	
8001-35-2	Toxaphene	ND	36.1	10.1	U	
5103-74-2	trans-Chlordane	ND	2.40	0.635	U	
57-74-9	Chlordane	ND	15.6	6.37	U	
()						





Client : Envirotrac Ltd. Lab Number : L1116534

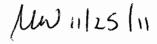
Project Name : ARISTOCRAT CLEANERS Project Number

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/18/11 09:56
Sample Matrix : SOIL Date Extracted : 10/14/11
Analytical Method : 1,8081A Dilution Factor : 1

Lab File ID : 10180017 Analyst : BW
Sample Amount : 15.41 g Instrument ID : PEST10.I
Extraction Method : EPA 3546 GC Column : CLPPesticides
Extract Volume : 10000 uL %Solids : 76

Extract Volume : 10000 uL %Solids : 76
GPC Cleanup : N Injection Volume : 1 uL
Sulfur Cleanup : N

			ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	2.05	0.401	<b>U</b>	
58-89-9	Lindane	ND	0.854	0.382	U	
319-84-6	Alpha-BHC	ND	0.854	0.242	U	
319-85-7	Beta-BHC	ND	2.05	0.777	U	
76-44-8	Heptachlor	ND	1.02	0.459	U	
309-00-2	Aldrin	ND	2.05	0.722	U	
1024-57-3	Heptachlor epoxide	ND	3.84	1.15	U	
72-20-8	Endrin	ND .	0.854	0.350	U	
53494-70-5	Endrin ketone	ND	2.05	0.528	· U	
60-57-1	Dieldrin	ND	1.28	0.640	U	
72-55-9	4,4'-DDE	19.4	2.05	0.474		
72-54-8	4,4'-DDD	13.4	2.05	0.731		
959-98-8	Endosulfan I	ND	2.05	0.484	U	
33213-65-9	Endosulfan II	. ND	2.05	0.685	. U	
1031-07-8	Endosulfan sulfate	ND	0.854	0.390	U	
72-43-5	Methoxychlor	ND	3.84	1.20	. U	
8001-35-2	Toxaphene	ND	38.4	10.8	U	
5103-74-2	trans-Chlordane	ND .	2.56	0.676	U	
57-74-9	Chlordane	ND	16.6	6.79	U	
	Managed Control of the Control of th		TO COMPANY OF THE COM		APPROXIMATION CONTRACTOR CONTRACT	

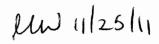




Client : Envirotrac Ltd. Lab Number : L1116534 **Project Name** : ARISTOCRAT CLEANERS Project Number Lab ID : 10/11/11 13:30 : L1116534-08 Date Collected Client ID : SSV-2 Date Received : 10/12/11 : 212 E. HARDSDALE AVE., NY : 10/18/11 09:56 Sample Location Date Analyzed : 10/14/11 Sample Matrix : SOIL Date Extracted Analytical Method : 1,8081A Dilution Factor : 1 : BW Lab File ID : 10180017 Analyst Sample Amount : 15.41 g Instrument ID : PEST10.I Extraction Method: EPA 3546 : CLPPesticidesII GC Column Extract Volume : 10000 uL %Solids : 76 Injection Volume: 1 uL

GPC Cleanup : N Sulfur Cleanup : N

			ug/Kg			
CAS NO.	Parameter	Results	RL.	MDL	Qualifier	
***************************************	· · · · · · · · · · · · · · · · · · ·		***************************************			
			-			
50-29-3	4,4'-DDT	14.1	3.84	1.65		





Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

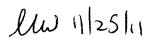
Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/18/11 10:09
Sample Matrix : SOIL Date Extracted : 10/14/11

Analytical Method : 1,8081A Dilution Factor : 1
Lab File ID : 10180018 Analyst : BW
Sample Amount : 15.15 g Instrument ID : PEST10.I
Extraction Method : EPA 3546 GC Column : CLPPesticides

Extract Volume : 10000 uL %Solids : 82
GPC Cleanup : N Injection Volume : 1 uL
Sulfur Cleanup : N

		ug/Kg			
Parameter	Results	RL	MDL	Qualifier	·
Delta-BHC	ND	1.93	0.378	U	
Lindane	ND	0.805	0.360	U	
Alpha-BHC	ND	0.805	0.229	U	
Beta-BHC	ND	1.93	0.732	U	
Heptachlor	ND	0.966	0.433	U	
Aldrin	ND	1.93	0.680	U	
Heptachlor epoxide	ND	3.62	1.09	U	
Endrin	ND	0.805	0.330	U	
Endrin ketone	ND	1.93	0.497	U	
Dieldrin	ND .	1.21	0.604	U	
4,4'-DDE	7.41 ブ	1.93	0.447		-
4,4'-DDT	9.94	3.62	1.55		**************************************
Endosulfan I	ND	1.93	0.456	U .	
Endosulfan II	ND ·	1.93	0.646	U	
Endosulfan sulfate	ND	0.805	0.368	U	0. VIII. 6. 6. 1. 1. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.
Methoxychlor	ND	3.62	1.13	U	
Toxaphene	ND	36.2	10.1	U	
trans-Chlordane	ND	2.41	0.638	U	MANUAL AND
Chlordane	ND	15.7	6.40	U	
	Delta-BHC Lindane Alpha-BHC Beta-BHC Heptachlor Aldrin Heptachlor epoxide Endrin Endrin ketone Dieldrin 4,4'-DDE 4,4'-DDT Endosulfan II Endosulfan sulfate Methoxychlor Toxaphene trans-Chlordane	Delta-BHC ND  Lindane ND  Alpha-BHC ND  Beta-BHC ND  Heptachlor ND  Aldrin ND  Heptachlor epoxide ND  Endrin ketone ND  Dieldrin ND  4,4'-DDE 7.41 3  4,4'-DDT 9.94  Endosulfan II ND  Endosulfan sulfate ND  Methoxychlor ND  Toxaphene ND  India ND	Parameter         Results         RL           Delta-BHC         ND         1.93           Lindane         ND         0.805           Alpha-BHC         ND         0.805           Beta-BHC         ND         1.93           Heptachlor         ND         0.966           Aldrin         ND         1.93           Heptachlor epoxide         ND         3.62           Endrin         ND         0.805           Endrin ketone         ND         1.93           Dieldrin         ND         1.21           4,4'-DDE         7.41         1.93           4,4'-DDT         9.94         3.62           Endosulfan I         ND         1.93           Endosulfan II         ND         1.93           Endosulfan sulfate         ND         0.805           Methoxychlor         ND         3.62           Toxaphene         ND         36.2           trans-Chlordane         ND         2.41	Parameter         Results         RL         MDL           Delta-BHC         ND         1.93         0.378           Lindane         ND         0.805         0.360           Alpha-BHC         ND         0.805         0.229           Beta-BHC         ND         1.93         0.732           Heptachlor         ND         0.966         0.433           Aldrin         ND         1.93         0.680           Heptachlor epoxide         ND         3.62         1.09           Endrin         ND         0.805         0.330           Endrin ketone         ND         1.93         0.497           Dieldrin         ND         1.21         0.604           4,4'-DDE         7.41         1.93         0.447           4,4'-DDT         9.94         3.62         1.55           Endosulfan I         ND         1.93         0.456           Endosulfan sulfate         ND         0.805         0.368           Methoxychlor         ND         3.62         1.13           Toxaphene         ND         36.2         10.1           trans-Chlordane         ND         2.41         0.638	Parameter         Results         RL         MDL         Qualifier           Delta-BHC         ND         1.93         0.378         U           Lindane         ND         0.805         0.360         U           Alpha-BHC         ND         0.805         0.229         U           Beta-BHC         ND         1.93         0.732         U           Heptachlor         ND         0.966         0.433         U           Aldrin         ND         1.93         0.680         U           Heptachlor epoxide         ND         3.62         1.09         U           Endrin         ND         3.62         1.09         U           Endrin ketone         ND         1.93         0.497         U           Dieldrin         ND         1.93         0.497         U           Dieldrin         ND         1.21         0.604         U           4,4*-DDE         7.41         1.93         0.447         U           Endosulfan I         ND         1.93         0.456         U           Endosulfan Sulfate         ND         0.805         0.368         U           Methoxychlor         ND

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Client : Envirotrac Ltd. Lab Number : L1116534 **Project Name** : ARISTOCRAT CLEANERS Project Number Lab ID : L1116534-09 **Date Collected** : 10/11/11 14:00 Client ID : SB-101 Date Received : 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY : 10/18/11 10:09 Date Analyzed : 10/14/11 Sample Matrix : SOIL Date Extracted Analytical Method : 1,8081A **Dilution Factor** 1 Lab File ID BW : 10180018 Analyst Sample Amount : 15.15 g Instrument ID PEST10.I Extraction Method: EPA 3546 GC Column : CLPPesticidesII **Extract Volume** : 10000 uL %Solids : 82 **GPC Cleanup** : N Injection Volume: 1 uL

Sulfur Cleanup

: N

 CAS NO.
 Parameter
 Results
 RL
 MDL
 Qualifier

 72-54-8
 4,4'-DDD
 24.6
 1.93
 0.689





Client : Envirotrac Ltd. Lab Number : L1116534

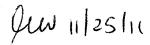
Project Name : ARISTOCRAT CLEANERS Project Number :

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/18/11 09:05

: WATER Sample Matrix Date Extracted : 10/14/11 Analytical Method: 1,8081A **Dilution Factor** 1 Lab File ID : 10180013 Analyst BW : 1000 ml Sample Amount Instrument ID : PEST10.I Extraction Method : EPA 3510C GC Column : CLPPesticides

Extract Volume : 10000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL Sulfur Cleanup : N

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	0.020	0.005	U	
58-89-9	Lindane	ND	0.020	0.004	U	Mille Miller Joseph
319-84-6	Alpha-BHC	ND	0.020	0.004	U	
319-85-7	Beta-BHC	ND	0.020	0.006	U	**************
76-44-8	Heptachlor	ND	0.020	0.003	U	
309-00-2	Aldrin	ND	0.020	0.002	U	
1024-57-3	Heptachlor epoxide	ND	0.020	0.004	U	
72-20-8	Endrin	ND	0.040	0.004	U	
53494-70-5	Endrin ketone	ND	0.040	0.005	U	
60-57-1	Dieldrin	ND	0.040	0.004	. U	
72-55-9	4,4'-DDE	ND	0.040	0.004	Ū	
72-54-8	4,4'-DDD	ND	0.040	0.005	U	
50-29-3	4,4'-DDT	ND	0.040	0.004	U	
959-98-8	Endosulfan I	ND	0.020	0.003	U	
33213-65-9	Endosulfan II	ND	0.040	0.005	U	
1031-07-8	Endosulfan sulfate	ND	0.040	0.005	U	
72-43-5	Methoxychlor	. ND	0.200	0.007	U	
8001-35-2	Toxaphene	ND	0.200	0.063	U	
5103-74-2	trans-Chlordane	ND	0.020	0.006	U	
57-74-9	Chlordane	ND .	0.200	0.046	U	





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Client : Envirotrac Ltd. Lab Number : L1116534
Project Name : ARISTOCRAT CLEANERS Project Number :

Lab ID : L1116534-01 Date Collected : 10/11/11 11:00

Client ID : MW-2 Date Received : 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/19/11 09:41

Sample Matrix: WATERDate Extracted: 10/18/11Analytical Method: 1,8082Dilution Factor: 1Lab File ID: p7111019-04Analyst: KBSample Amount: 1200 mlInstrument ID: PEST7

Extraction Method : EPA 3510C GC Column : CLP-Pesticide

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL Sulfur Cleanup : Y

	Parameter			ug/L			
CAS NO.		· ·	Results	RL	MDL	Qualifier	
12674-11-2	Aroclor 1016		ND	0.083	0.055	U	
11104-28-2	Aroclor 1221		ND	0.083	0.053	, , U	. ,
11141-16-5	Aroclor 1232		ND	0.083	0.031	U	
53469-21-9	Aroclor 1242		ND	0.083	0.060	U	-
12672-29-6	Aroclor 1248		· ND	0.083	0.051	U	
11097-69-1	Aroclor 1254		ND	0.083	0.034	U	
11096-82-5	Aroclor 1260	-	ND .	0.083	0.032	U	

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number : Lab ID : L1116534-02 Date Collected : 10/11/11 15:30

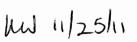
Client ID : MW-3 Date Received : 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/17/11 16:56

Sample Matrix: WATERDate Extracted: 10/15/11Analytical Method: 1,8082Dilution Factor: 1Lab File ID: p7111017-28Analyst: GTSample Amount: 1200 mlInstrument ID: PEST7

Extraction Method : EPA 3510C GC Column : CLP-Pesticide

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL Sulfur Cleanup : Y

ug/L Results MDL Qualifier CAS NO. **Parameter** RL U Aroclor 1016 ND 0.083 0.055 12674-11-2 Aroclor 1221 ND 0.083 0.053 Ú 11104-28-2 11141-16-5 Aroclor 1232 ND 0.083 0.031 U 53469-21-9 Aroclor 1242 ND 0.083 0.060 U ND U 12672-29-6 Aroclor 1248 0.083 0.051 11097-69-1 Aroclor 1254 ND 0.083 0.034 U ND U 11096-82-5 Aroclor 1260 0.083 0.032



Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

 Lab ID
 : L1116534-03
 Date Collected
 : 10/11/11 13:45

 Client ID
 : MW-7
 Date Received
 : 10/12/11

 Sample Location
 : 212 E. HARDSDALE AVE., NY
 Date Analyzed
 : 10/17/11 17:12

Sample Matrix : WATER Date Extracted : 10/15/11
Analytical Method : 1,8082 Dilution Factor : 1
Lab File ID : p7111017-29 Analyst : GT

Sample Amount : 1200 ml Instrument ID : PEST7
Extraction Method : EPA 3510C GC Column : CLP-Pesticide

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

GPC Cleanup : N Injection Volume : 1 uL Sulfur Cleanup : Y

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
12674-11-2	Aroclor 1016	ND	0.083	0.055	U	
11104-28-2	Aroclor 1221	ND	0.083	0.053	U	
11141-16-5	Aroclor 1232	ND	0.083	0.031	U	
53469-21-9	Aroclor 1242	ND	0.083	0.060	U	
12672-29-6	Aroclor 1248	ND	0.083	0.051	U	
11097-69-1	Aroclor 1254	ND	0.083	0.034	U	-
11096-82-5	Aroclor 1260	· ND	0.083	0.032	U	

Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

 Lab ID
 : L1116534-04
 Date Collected
 : 10/11/11 11:15

 Client ID
 : MW-101
 Date Received
 : 10/12/11

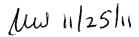
 Sample Location
 : 212 E. HARDSDALE AVE., NY
 Date Analyzed
 : 10/17/11 17:28

Sample Matrix: WATERDate Extracted: 10/15/11Analytical Method: 1,8082Dilution Factor: 1Lab File ID: p7111017-30Analyst: GTSample Amount: 1200 mlInstrument ID: PEST7

Extraction Method: EPA 3510C GC Column: CLP-Pesticide Extract Volume: 1000 uL %Solids: N/A

GPC Cleanup : N Injection Volume : 1 uL Sulfur Cleanup : Y

			ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	***************************************
12674-11-2	Aroclor 1016	ND	0.083	0.055	U	
11104-28-2	Aroclor 1221	ND	0.083	0.053	U	
11141-16-5	Aroclor 1232	ND	0.083	0.031	U	
53469-21-9	Aroclor 1242	ND	0.083	0.060	U	
12672-29-6	Aroclor 1248	ND	0.083	0.051	Ú	
11097-69-1	Aroclor 1254	ND	0.083	0.034	· U	
11096-82-5	Aroclor 1260	ND	0.083	0.032	U	





Client : Envirotrac Ltd. Lab Number : L1116534 : ARISTOCRAT CLEANERS **Project Name Project Number** 

Lab ID : L1116534-05 Date Collected : 10/11/11 16:00

Client ID : FIELD BLANK-1 (PUMP) **Date Received** : 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/17/11 17:44 Sample Matrix : WATER **Date Extracted** 10/15/11

Analytical Method : 1,8082 **Dilution Factor** 1 Lab File ID : p7111017-31 Analyst GT Sample Amount : 1200 ml Instrument ID PEST7 Extraction Method : EPA 3510C GC Column **CLP-Pesticide** 

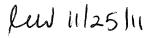
**Extract Volume** : 1000 uL %Solids : N/A **GPC Cleanup** : N Injection Volume: 1 uL

; Y

Sulfur Cleanup

ug/L CAS NO. **Parameter** Results RL MDL Qualifier Aroclor 1016 ND 0.083 0.055 U Aroclor 1221 ND 0.083 0.053 U

12674-11-2 11104-28-2 Aroclor 1232 11141-16-5 ND 0.083 0.031 U Aroclor 1242 53469-21-9 ND 0.083 0.060 U Aroclor 1248 ND U 12672-29-6 0.083 0.051 11097-69-1 Aroclor 1254 ND 0.083 0.034 U 11096-82-5 Aroclor 1260 ND 0.083 0.032 U





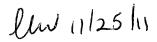
Client : Envirotrac Ltd. Lab Number : L1116534
Project Name : ARISTOCRAT CLEANERS Project Number :

Client ID : SS-1 Date Received : 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/17/11 16:58

: 10/14/11 Sample Matrix : SOIL **Date Extracted** Analytical Method : 1,8082 **Dilution Factor** 1 Lab File ID : 12111017-31 Analyst KB Sample Amount : 15.2 g Instrument ID PEST12 Extraction Method: EPA 3546 GC Column : CLP-Pesticide

Extract Volume : 1000 uL %Solids : 82
GPC Cleanup : N Injection Volume : 1 uL
Sulfur Cleanup : Y

ug/Kg MDL CAS NO. **Parameter** Results RL Qualifier Aroclor 1016 7.92 U 12674-11-2 ND 40.1 Aroclor 1221 ND 40.1 Ù 11104-28-2 12.1 Aroclor 1232 ND 11141-16-5 40.1 8.52 U 53469-21-9 Aroclor 1242 ND 7.61 U 40.1 U 12672-29-6 Aroclor 1248 ND 40.1 4.85 11097-69-1 Aroclor 1254 ND 40.1 6.32 Ú 11096-82-5 Aroclor 1260 ND 40.1 6.96 U





Client : Envirotrac Ltd. Lab Number : L1116534
Project Name : ARISTOCRAT CLEANERS Project Number :

Client ID : SSV-2 Date Received : 10/12/11
Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/17/11 17:10
Sample Matrix : SOIL Date Extracted : 10/14/11

Analytical Method : 1,8082 Dilution Factor : 1
Lab File ID : 12111017-32 Analyst : KB
Sample Amount : 15.09 g Instrument ID : PEST12
Extraction Method : EPA 3546 GC Column : CLP-Pesticide

Extract Volume : 1000 uL %Solids : 76 GPC Cleanup : N Injection Volume : 1 uL Sulfur Cleanup : Y

		ug/Kg					
CAS NO.	Parameter		Results	RL	MDL	Qualifier	
12674-11-2	Aroclor 1016		ND	43.6	8.61	, U	
11104-28-2	Aroclor 1221		ND	43.6	13.2	U	
11141-16-5	Aroclor 1232		ND	43.6	9.26	U	
53469-21-9	Aroclor 1242		ND	43.6	8.27	U	
12672-29-6	Aroclor 1248		ND	43.6	5.27	U	
11097-69-1	Aroclor 1254		ND	43.6	6.87	U	
11096-82-5	Aroclor 1260		ND	43.6	7.57	U	





Client : Envirotrac Ltd. Lab Number : L1116534

Project Name : ARISTOCRAT CLEANERS Project Number :

 Lab ID
 : L1116534-09
 Date Collected
 : 10/11/11 14:00

 Client ID
 : SB-101
 Date Received
 : 10/12/11

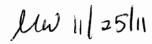
 Sample Location
 : 212 F. HARDSDALF AVE. NV
 Date Applying
 : 10/17/11 17:23

Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/17/11 17:22
Sample Matrix : SOIL Date Extracted : 10/14/11
Analytical Method : 1,8082 Dilution Factor : 1

Lab File ID : 12111017-33 Analyst : KB
Sample Amount : 15.22 g Instrument ID : PEST12
Extraction Method : EPA 3546 GC Column : CLP-Pesticide

Extract Volume : 1000 uL %Solids : 82
GPC Cleanup : N Injection Volume : 1 uL
Sulfur Cleanup : Y

			ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier	-
12674-11-2	Aroclor 1016	ND	40.1	7.91	U	
11104-28-2	Aroclor 1221	ND	40.1	12.1	U	
11141-16-5	Aroclor 1232	ND	40.1	8.51	U	
53469-21-9	Aroclor 1242	ND	40.1	7.60	U	intellucionali informacionali informacionali di apposita di paga di paga di paga di paga di paga di paga di pag -
12672-29-6	Aroclor 1248	ND	40.1	4.85	U	
11097-69-1	Aroclor 1254	ND ND	40.1	6.32	U	
11096-82-5	Aroclor 1260	ND	40.1	6.95	U	



Page 2381 of 5010

Client : Envirotrac Ltd. Lab Number : L1116534
Project Name : ARISTOCRAT CLEANERS Project Number :

Lab ID : L1116534-10 Date Collected : 10/11/11 16:05

Client ID : FIELD BLANK-2 (AUGER) Date Received : 10/12/11 Sample Location : 212 E. HARDSDALE AVE., NY Date Analyzed : 10/17/11 18:00

: 10/15/11 : WATER **Date Extracted** Sample Matrix Analytical Method : 1,8082 **Dilution Factor** : 1 GT Lab File ID : p7111017-32 Analyst : 1000 ml Sample Amount Instrument ID PEST7 Extraction Method : EPA 3510C GC Column : CLP-Pesticide

Extract Volume : 1000 uL %Solids : N/A GPC Cleanup : N Injection Volume : 1 uL

Sulfur Cleanup : Y

	ug/L			<u> </u>		
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
12674-11-2	Aroclor 1016	ND	0.100	0.066	U	
11104-28-2	Aroclor 1221	ND	0.100	0.064	U	
11141-16-5	Aroclor 1232	ND	0.100	0.037	U	
53469-21-9	Aroclor 1242	ND	0.100	0.072	U	
12672-29-6	Aroclor 1248	ND	0.100	0.061	U	-
11097-69-1	Aroclor 1254	ND .	0.100	0.041	U	
11096-82-5	Aroclor 1260	ND	0.100	0.038	U	

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CLIENT SAMPLE NO.

	MW-2		ĺ
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Lab Code:	AAL	SDG No.: L11165

Matrix (soil/water ): WATER Lab Sample ID: L1116534-01

Lab Name: Alpha Analytical

Analytical Method: 6010B Date Received: 10/12/11

% Solids: N/A Date Analyzed: 10/19/11 11:00

CAS No.	Analyte	Concentration	C		
7429-90-5	Aluminum	0.29			$\vdash$
7440-36-0	Antimony	*	1.		
7440-38-2	Arsenic	0.002	8 u		
7440-39-3	Barium	0.083			
7440-41-7	Beryllium				
7440-43-9	Cadmium	0.001	Ŭ		
7440-70-2	Calcium	63			
7440-47-3	Chromium	0.002	U		
7440-48-4	Cobalt	0.002	U		
7440-50-8	Copper	0.007	J	The second second	
7439-89-6	Iron	4.1	-		,
7439-92-1	Lead	0.004	J		
7439-95-4	Magnesium	7.3			
7439-96-5	Manganese	0.617			1
7439-97-6	Mercury				
7439-98-7	Molybdenum		-		
7440-02-0	Nickel	0.003	Ū ·		
7440-09-7	Potassium	5.2			
7782-49-2	Selenium	0.003	U		
7440-22-4	Silver	0.002	U ,		
7440-23-5	Sodium	48			
7440-24-6	Strontium				
7440-28-0	Thallium				
7440-62-2	Vanadium	0.002	U		
7440-66-6	Zinc	0.210			
7440-31-5	Tin		-		
7440-42-8	Boron				
57-12-5	Cyanide				
*END*					
•					

Comments	:

CLIENT SAMPLE NO.

	ì	
MW-2		

Lab Code:	AAL			SDG No.: L1116534

Concentration Units: mg/l

Matrix (soil/water ): WATER Lab Sample ID: L1116534-01

Analytical Method: 7470A Date Received: 10/12/11

Lab Name: Alpha Analytical

% Solids: N/A Date Analyzed: 10/19/11 12:43

CAS No. Analyte Concentration С 7429-90-5 Aluminum 7440-36-0 Antimony 7440-38-2 Arsenic 7440-39-3 Barium 7440-41-7 Beryllium 7440-43-9 Cadmium 7440-70-2 Calcium 7440-47-3 Chromium Cobalt 7440-48-4 7440-50-8 Copper 7439-89-6 Iron 7439-92-1 Lead 7439-95-4 Magnesium 7439-96-5 Manganese 7439-97-6 0.0001 Mercury 7439-98-7 Molybdenum 7440-02-0 Nickel 7440-09-7 Potassium 7782-49-2 Selenium 7440-22-4 Silver 7440-23-5 Sodium 7440-24-6 Strontium 7440-28-0 Thallium 7440-62-2 Vanadium 7440-66-6 Zinc

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7440-31-5

7440-42-8

57-12-5

\*END\*

Tin

Boron

Cyanide

CLIENT SAMPLE NO.

MW - 3	1

Lab Code: AAL SDG No.: L1116534

Matrix (soil/water ): WATER Lab Sample ID: L1116534-02

Analytical Method: 6010B Date Received: 10/12/11

Lab Name: Alpha Analytical

% Solids: N/ADate Analyzed: 10/19/11 11:29

			1	
CAS No.	Analyte	Concentration	С	
7429-90-5	Aluminum	5.4		
7440-36-0	Antimony			
7440-38-2	Arsenic	0.007	u	
7440-39-3	Barium	0.144		
7440-41-7	Beryllium	· · · · · · · · · · · · · · · · · · ·		·
7440-43-9	Cadmium	0.001	Ū	
7440-70-2	Calcium	110		·
7440-47-3	Chromium	0.01		
7440-48-4	Cobalt	0.003	J	
7440-50-8	Copper	0.027		
7439-89-6	Iron	10		
7439-92-1	Lead	0.144		
7439-95-4	Magnesium	12		
7439-96-5	Manganese	0.901		
7439-97-6	Mercury	·		
7439-98-7	Molybdenum			
7440-02-0	Nickel	0.010	J	
7440-09-7	Potassium	11		
7782-49-2	Selenium	0.003	U	
7440-22-4	Silver	0.002	U	and the second second
7440-23-5	Sodium	43		
7440-24-6	Strontium		,	1
7440-28-0	Thallium	,		
7440-62-2	Vanadium	0.013		31
7440-66-6	Zinc	0.119		
7440-31-5	Tin			
7440-42-8	Boron			
57-12-5	Cyanide			
*END*				

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Comments	•
COMMETTER	•

CLIENT SAMPLE NO.

MW-3

Lab Name: Alpha Analytical Lab Code: AALSDG No.: L1116534

Matrix (soil/water ): WATER Lab Sample ID: <u>L1116534-02</u>

Analytical Method: 7470A Date Received: 10/12/11

% Solids: N/A Date Analyzed: 10/19/11 12:45

CAS No.	Analyte	Concentration	C		
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				-
7440-39-3	Barium	the second second			
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt	' '			
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese			1.	
7439-97-6	Mercury	0.0001	Ū		
7439-98-7	Molybdenum				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				_
7440-24-6	Strontium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
7440-31-5	Tin				
7440-42-8	Boron				
57-12-5	Cyanide				
*END*					

Comments:					
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CLIENT SAMPLE NO.

MW - 7	3
	فمعسة

Lab Code: AAL SDG No.: L1116534

Matrix (soil/water ): WATER Lab Sample ID: L1116534-03

Lab Name: Alpha Analytical

Date Received: 10/12/11 Analytical Method: 6010B

% Solids: N/A Date Analyzed: 10/19/11 11:32

CAS No.	Analyte	Concentration	C		
7429-90-5	Aluminum	1.4			
7440-36-0	Antimony				
7440-38-2	Arsenic	0.002	8 u		
7440-39-3	Barium	0.184			
7440-41-7	Beryllium				
7440-43-9	Cadmium	0.001	U.		
7440-70-2	Calcium	100			
7440-47-3	Chromium	0.004	J		
7440-48-4	Cobalt	0.002	J		
7440-50-8	Copper	0.006	J .		
7439-89-6	Iron	1.8			
7439-92-1	Lead	0.005	J		
7439-95-4	Magnesium	36			
7439-96-5	Manganese	0.183		1	
7439-97-6	Mercury				
7439-98-7	Molybdenum		1		
7440-02-0	Nickel	0.003	J		
7440-09-7	Potassium	5.7			
7782-49-2	Selenium	0.003	U		
7440-22-4	Silver	0.002	U		
7440-23-5	Sodium	98			
7440-24-6	Strontium				
7440-28-0	Thallium				
7440-62-2	Vanadium	0.003	J.		
7440-66-6	Zinc	0.015	J		
7440-31-5	Tin				
7440-42-8	Boron				
57-12-5	Cyanide				
*END*					

Comments	

CLIENT SAMPLE NO.

MW-7

3

Lab Code: AAL SDG No.: L1116534

Matrix (soil/water ): WATER Lab Sample ID: L1116534-03

Lab Name: Alpha Analytical

Analytical Method: 7470A Date Received: 10/12/11

% Solids: N/A Date Analyzed: 10/19/11 12:47

	·	<u> </u>			
CAS No.	Analyte	Concentration	С		
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				-
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron		1.		
7439-92-1	Lead		1		
7439-95-4	Magnesium		1		
7439-96-5	Manganese				
7439-97-6	Mercury	0.0001	Ū		
7439-98-7	Molybdenum		1		
7440-02-0	Nickel		1		
7440-09-7	Potassium				
7782-49-2	Selenium			* * *	
7440-22-4	Silver				
7440-23-5	Sodium		1		
7440-24-6	Strontium				
7440-28-0	Thallium				
7440-62-2	Vanadium		1		
7440-66-6	Zinc				
7440-31-5	Tin				
7440-42-8	Boron				
57-12-5	Cyanide				
*END*					
	•		-		

Comments:	

CLIENT SAMPLE NO.

MW-101

4

SDG No.: L1116534

Lab Name: Alpha Analytical

Lab Code: AAL

Matrix (soil/water):

WATER

Lab Sample ID: <u>L1116534</u>-04

Analytical Method:

6010B

Date Received: 10/12/11

% Solids:

N/A

Date Analyzed: 10/19/11 11:35

Concentration Units: mg/l CAS No. Analyte Concentration C 7429-90-5 0.24 Aluminum 7440-36-0 Antimony 7440-38-2 0.002 Arsenic 7440-39-3 0.117 Barium 7440-41-7 Beryllium 0.001 7440-43-9 Cadmium 7440-70-2 Calcium 87 7440-47-3 Chromium 0.002 0.002 7440-48-4 Cobalt 7440-50-8 Copper 0.005 Ū 7439-89-6 Iron 7439-92-1 0.004 Lead 7439-95-4 Magnesium 10 7439-96-5 0.900 Manganese 7439-97-6 Mercury 7439-98-7 Molybdenum 7440-02-0 Nickel 0.003 7440-09-7 Potassium 7.3 7782-49-2 Selenium 0.003 7440-22-4 Silver 0.002 U 7440-23-5 Sodium 68 7440-24-6 Strontium Thallium 7440-28-0 Vanadium 7440-62-2 0.002 Zinc 0.216 7440-66-6 7440-31-5 Tin 7440-42-8 Boron 57-12-5 Cyanide \*END\*

Comments	٠

# $\begin{array}{c} \text{U.S. EPA - CLP} \\ \text{1-IN} \\ \text{INORGANIC ANALYSIS DATA SHEET} \end{array}$

CLIENT SAMPLE NO.

MW-101 4

SDG No.: L1116534

Lab Name: Alpha Analytical

Lab Code: AAL

Matrix (soil/water ): WATER Lab Sample ID: L1116534-04

Analytical Method: 7470A Date Received: 10/12/11

% Solids: N/A Date Analyzed: 10/19/11 12:48

		Concentration		11.97 ±
		· · · · · · · · · · · · · · · · · · ·		
CAS No.	Analyte	Concentration	С	
7429-90-5	Aluminum			
7440-36-0	Antimony	,		
7440-38-2	Arsenic			
7440-39-3	Barium			
7440-41-7	Beryllium			
7440-43-9	Cadmium			
7440-70-2	Calcium	e e		
7440-47-3	Chromium			
7440-48-4	Cobalt			
7440-50-8	Copper			
7439-89-6	Iron		•	
7439-92-1	Lead	-		
7439-95-4	Magnesium			
7439-96-5	Manganese	\$ 1.00 mg		
7439-97-6	Mercury	0.0001	Ū	
7439-98-7	Molybdenum			
7440-02-0	Nickel			
7440-09-7	Potassium			to the second se
7782-49-2	Selenium			
7440-22-4	Silver			
7440-23-5	Sodium	÷		
7440-24-6	Strontium			
7440-28-0	Thallium			
7440-62-2	Vanadium	The state of the s		
7440-66-6	Zinc			
7440-31-5	Tin			
7440-42-8	Boron			
57-12-5	Cyanide			
*END*				
	1			

Concentration Units:

mg/1

Comment	

CLIENT SAMPLE NO.

FIELD BLANK-1 (PUMP)

SDG No.: <u>L1116534</u>

Lab Name: Alpha Analytical

Lab Code: AAL

. . .

WATER

Lab Sample ID: L1116534-05

Analytical Method:

Matrix (soil/water ):

6010B

Date Received: 10/12/11

% Solids:

N/A

Date Analyzed: 10/19/11 10:54

CAS No.	Analyte	Concentration	С	
7429-90-5	Aluminum	0.02	U	
7440-36-0	Antimony			
7440-38-2	Arsenic	0.003	J .	
7440-39-3	Barium	0.001	U	
7440-41-7	Beryllium		-	
7440-43-9	Cadmium	0.001	U	
7440-70-2	Calcium	0.07	J	
7440-47-3	Chromium	0.002	U	
7440-48-4	Cobalt	0.002	U	
7440-50-8	Copper	0.005	U	
7439-89-6	Iron	0.02	U	
7439-92-1	Lead	0.003	U	
7439-95-4	Magnesium	0.05	U	
7439-96-5	Manganese	0.001	U	
7439-97-6	Mercury			
7439-98-7	Molybdenum			
7440-02-0	Nickel	0.003	U	
7440-09-7	Potassium	0.80	U	
7782-49-2	Selenium	0.003	U	
7440-22-4	Silver	0.002	U	
7440-23-5	Sodium	0.80	U	
7440-24-6	Strontium		:	
7440-28-0	Thallium			
7440-62-2	Vanadium	0.002	U	
7440-66-6	Zinc	0.005	U	
7440-31-5	Tin			
7440-42-8	Boron			
57-12-5	Cyanide			
*END*				
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CLIENT SAMPLE NO

FIELD BLANK-1

(PUMP)

SDG No.: L1116534

Lab Name: Alpha Analytical

Lab Code:  $\mathsf{AAL}$ Matrix (soil/water ):

Lab Sample ID: L1116534-05

Analytical Method:

7470A

WATER

Date Received: 10/12/11

% Solids:

N/A

Date Analyzed: 10/19/11 12:54

Concentration Units: \_\_\_ mg/l С CAS No. Analyte Concentration 7429-90-5 Aluminum 7440-36-0 Antimony 7440-38-2 Arsenic 7440-39-3 Barium 7440-41-7 Beryllium 7440-43-9 Cadmium 7440-70-2 Calcium 7440-47-3 Chromium 7440-48-4 Cobalt 7440-50-8 Copper 7439-89-6 Iron 7439-92-1 Lead 7439-95-4 Magnesium 7439-96-5 Manganese 0.0001 U 7439-97-6 Mercury 7439-98-7 Molybdenum 7440-02-0 Nickel 7440-09-7 Potassium 7782-49-2 Selenium 7440-22-4 Silver 7440-23-5 Sodium 7440-24-6 Strontium Thallium 7440-28-0 7440-62-2 Vanadium 7440-66-6 Zinc 7440-31-5 Tin 7440-42-8 Boron 57-12-5 Cyanide \*END\*

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COMMISSION	-	•

CLIENT SAMPLE NO.

SS-1

7

SDG No.: L1116534

Lab Name: Alpha Analytical

Lab Code: AAL

Matrix (soil/water ):

): SOIL

Lab Sample ID: L1116534-07

Analytical Method:

6010B

Date Received: 10/12/11

% Solids:

82.0

Date Analyzed: 10/19/11 9:19

CAS No.	Analyte	Concentration	C :	
7429-90-5	Aluminum	12000		
7440-36-0	Antimony	1.8	<b>JUT</b>	N <sub>.</sub>
7440-38-2	Arsenic	2.6		
7440-39-3	Barium	96	* .	
7440-41-7	Beryllium	0.37	J	
7440-43-9	Cadmium	0.06	U	
7440-70-2	Calcium	2500	3	N
7440-47-3	Chromium	19		
7440-48-4	Cobalt	6.5		
7440-50-8	Copper	30	J	N
7439-89-6	Iron	17000		
7439-92-1	Lead	45	J	N
7439-95-4	Magnesium	3300	J	N
7439-96-5	Manganese	150	J	N
7439-97-6	Mercury			
7439-98-7	Molybdenum			
7440-02-0	Nickel	14		
7440-09-7	Potassium	1400		N
7782-49-2	Selenium	1.5	85	1.
7440-22-4	Silver	0.15	ับ	
7440-23-5	Sodium	200		
7440-24-6	Strontium			
7440-28-0	Thallium	0.57	U	
7440-62-2	Vanadium	26		
7440-66-6	Zinc	120	-	
7440-31-5	Tin			
7440-42-8	Boron			
57-12-5	Cyanide			
*END*				
				-

Comments	
COMMETTER	•

CLIENT SAMPLE NO.

SS-1	

Lab Name: Alpha Analytical

Lab Code: AAL

SDG No.: L1116534

Matrix (soil/water ):

SOIL

Lab Sample ID: L1116534-07

Analytical Method:

7471A

Date Received: 10/12/11

Concentration Units: mg/kg

% Solids:

82.0

Date Analyzed: 10/19/11 11:44

CAS No. Analyte Concentration С 7429-90-5 Aluminum 7440-36-0 Antimony 7440-38-2 Arsenic 7440-39-3 Barium Beryllium 7440-41-7 7440-43-9 Cadmium 7440-70-2 Calcium 7440-47-3 Chromium 7440-48-4 Cobalt 7440-50-8 Copper 7439-89-6 Iron 7439-92-1 Lead 7439-95-4 Magnesium 7439-96-5 Manganese 7439-97-6 Mercury 0.35 Ν 7439-98-7 Molybdenum 7440-02-0 Nickel 7440-09-7 Potassium 7782-49-2 Selenium 7440-22-4 Silver 7440-23-5 Sodium 7440-24-6 Strontium 7440-28-0 Thallium Vanadium 7440-62-2 7440-66-6 Zinc 7440-31-5 Tin 7440-42-8 Boron 57-12-5 Cyanide \*END\*

Comments	•
COMMETICS	٠

CLIENT SAMPLE NO.

SSV-2

8

SDG No.: L1116534

Lab Name: Alpha Analytical

Lab Code: AAL

Matrix (soil/water ):

SOIL

Lab Sample ID: L1116534-08

Analytical Method:

6010B

Date Received: 10/12/11

% Solids:

76.0

Date Analyzed: 10/19/11 9:32

CAS No.	Analyte	Concentration	C		
7429-90-5	Aluminum	13000			
7440-36-0	Antimony	2.1	845		N
7440-38-2	Arsenic	3.4			
7440-39-3	Barium	73			
7440-41-7	Beryllium	0.38	J		
7440-43-9	Cadmium	0.06	U		
7440-70-2	Calcium	4300	J		N
7440-47-3	Chromium	20			
7440-48-4	Cobalt	7.7			
7440-50-8	Copper	. 28	ד	1.0	N
7439-89-6	Iron	18000			
7439-92-1	Lead	23	ゴ		· N
7439-95-4	Magnesium	3800	ゴ		N
7439-96-5	Manganese	250	J		N
7439-97-6	Mercury				
7439-98-7	Molybdenum				
7440-02-0	Nickel	15			
7440-09-7	Potassium	1500			N
7782-49-2	Selenium	1.4	83		
7440-22-4	Silver	0.17	U		
7440-23-5	Sodium	220			
7440-24-6	Strontium				
7440-28-0	Thallium	0.63	Ū		
7440-62-2	Vanadium	. 29			
7440-66-6	Zinc	180			
7440-31-5	Tin				
7440-42-8	Boron				
57-12-5	Cyanide				
*END*					

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Comments	•

CLIENT SAMPLE NO.

SSV-2

8

SDG No.: <u>L1116534</u>

Lab Name: Alpha Analytical

Lab Code: AAL

7440-39-3

Matrix (soil/water ):

SOIL

Lab Sample ID: L1116534-08

Analytical Method:

7471A

Date Received: 10/12/11

Concentration Units: mg/kg

% Solids:

76.0

Barium

Date Analyzed: 10/19/11 11:50

CAS No. Analyte Concentration C

7429-90-5 Aluminum

7440-36-0 Antimony

7440-38-2 Arsenic

7440-41-7 Beryllium 7440-43-9 Cadmium 7440-70-2 Calcium 7440-47-3 Chromium 7440-48-4 Cobalt Copper 7440-50-8 7439-89-6 Iron 7439-92-1 Lead

7782-49-2 Selenium
7440-22-4 Silver
7440-23-5 Sodium
7440-24-6 Strontium
7440-28-0 Thallium
7440-62-2 Vanadium

7440-62-2 Vanadium

7440-66-6 Zinc

7440-31-5 Tin

7440-42-8 Boron

57-12-5 Cyanide

\*END\*

Comments:

lw 11/25/11

CLIENT SAMPLE NO.

SB-101

9

SDG No.: L1116534

Lab Name: Alpha Analytical

Lab Code: AAL

Matrix (soil/water ):

SOIL

Lab Sample ID: <u>L1116534-09</u>

Analytical Method:

6010B

Date Received: 10/12/11

% Solids:

82.0

Date Analyzed: 10/19/11 9:40

CAS No.	Analyte	Concentration	С		
7429-90-5	Aluminum	16000			
7440-36-0	Antimony	2.2	JUJ		N
7440-38-2	Arsenic	3.3			
7440-39-3	Barium	110		e de la companya de l	
7440-41-7	Beryllium	0.48			
7440-43-9	Cadmium	0.06	U		
7440-70-2	Calcium	3200	J		N
7440-47-3	Chromium	24			
7440-48-4	Cobalt	8.4			
7440-50-8	Copper	36	5		N
7439-89-6	Iron	20000			
7439-92-1	Lead	48	J		N
7439-95-4	Magnesium	4600	J		N
7439-96-5	Manganese	180	J		N
7439-97-6	Mercury				
7439-98-7	Molybdenum		I		
7440-02-0	Nickel	18			
7440-09-7	Potassium	1900			N
7782-49-2	Selenium	1.0	15		
7440-22-4	Silver	0.15	U :		
7440-23-5	Sodium	180			
7440-24-6	Strontium			en e	
7440-28-0	Thallium	0.57	Ū		
7440-62-2	Vanadium	33		* .	
7440-66-6	Zinc	150			
7440-31-5	Tin	1			-
7440-42-8	Boron				
57-12-5	Cyanide				
*END*					

Comments	•
COMMETTED	٠

CLIENT SAMPLE NO.

SB-101

9

SDG No.: L1116534

Lab Name: Alpha Analytical

Lab Code: AAL

Matrix (soil/water): SOIL

SOIL

Lab Sample ID: L1116534-09

Analytical Method:

7471A

Date Received: 10/12/11

% Solids:

82.0

Date Analyzed: 10/19/11 11:52

Concentration Units: mg/kg CAS No. C Analyte Concentration 7429-90-5 Aluminum 7440-36-0 Antimony 7440-38-2 Arsenic 7440-39-3 Barium 7440-41-7 Beryllium 7440-43-9 Cadmium 7440-70-2 Calcium 7440-47-3 Chromium 7440-48-4 Cobalt 7440-50-8 Copper 7439-89-6 Iron 7439-92-1 Lead 7439-95-4 Magnesium 7439-96-5 Manganese す N 7439-97-6 0.32 Mercury 7439-98-7 Molybdenum Nickel 7440-02-0 7440-09-7 Potassium Selenium 7782-49-2 7440-22-4 Silver 7440-23-5 Sodium 7440-24-6 Strontium 7440-28-0 Thallium 7440-62-2 Vanadium 7440-66-6 Zinc 7440-31-5 Tin 7440-42-8 Boron 57-12-5 Cyanide \*END\*

Comments	•
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CLIENT SAMPLE NO.

FIELD BLANK-2 (AUGER)

SDG No.: L1116534

Lab Name: Alpha Analytical

Lab Code: \_\_\_\_ AAL

Matrix (soil/water ): WATER Lab Sample ID: L1116534-10

Analytical Method: 6010B Date Received: 10/12/11

% Solids: N/ADate Analyzed: 10/19/11 10:57

	T		Т	T ·	
CAS No.	Analyte	Concentration	С		
7429-90-5	Aluminum	0.02	U		
7440-36-0	Antimony				
7440-38-2	Arsenic	0.002	U		
7440-39-3	Barium	0.001	U		
7440-41-7	Beryllium				
7440-43-9	Cadmium	0.001	U		
7440-70-2	Calcium	0.08	J		
7440-47-3	Chromium	0.002	U		
7440-48-4	Cobalt	0.002	U	·	
7440-50-8	Copper	0.005	U		
7439-89-6	Iron	0.02	U		
7439-92-1	Lead	0.003	U		
7439-95-4	Magnesium	0.05	U		
7439-96-5	Manganese	0.001	U		
7439-97-6	Mercury				
7439-98-7	Molybdenum				
7440-02-0	Nickel	0.003	U.	1.	
7440-09-7	Potassium	0.80	U		
7782-49-2	Selenium	0.003	U		
7440-22-4	Silver	0.002	U		
7440-23-5	Sodium	0.80	U		
7440-24-6	Strontium				
7440-28-0	Thallium				
7440-62-2	Vanadium	0.002	U		
7440-66-6	Zinc	0.005	U		
7440-31-5	Tin				
7440-42-8	Boron				
57-12-5	Cyanide				
*END*					

Comments	٠
COMMETTER	•

CLIENT SAMPLE NO. 10

FIELD BLANK-2 (AUGER)

SDG No.: L1116534

Lab Name: Alpha Analytical

Lab Code: AAL

Matrix (soil/water):

WATER

Lab Sample ID: <u>L1116534-10</u>

Analytical Method:

7470A

Date Received: 10/12/11

% Solids:

N/A

Date Analyzed: 10/19/11 12:56

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CAS No.	Analyte	Concentration	, C		
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic		1		
7440-39-3	Barium				
7440-41-7	Beryllium			1.	
7440-43-9	Cadmium				
7440-70-2	Calcium		-		
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper		·		
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese	ı			
7439-97-6	Mercury	0.0001	U .		
7439-98-7	Molybdenum		1		
7440-02-0	Nickel				
7440-09-7	Potassium			1 1	
7782-49-2	Selenium		4		
7440-22-4	Silver				
7440-23-5	Sodium				
7440-24-6	Strontium				
7440-28-0	Thallium		-		
7440-62-2	Vanadium				
7440-66-6	Zinc			-	
7440-31-5	Tin		1		
7440-42-8	Boron		Ì		
57-12-5	Cyanide				
*END*	1				
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Comments:		
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