

FINAL

SUPPLEMENTAL INVESTIGATION REPORT

Proposed for:

Melody Cleaners Site
2050 Hempstead Turnpike
East Meadow, New York
Voluntary Cleanup Program Site Code #347-1

Prepared for:

The New York State Department of Environmental Conservation

May 2004

IMPACT ENVIRONMENTAL

❖ *a division of impact environmental consulting, inc.*

170 KEYLAND COURT, BOHEMIA, NEW YORK 11716 ❖ 631.269.8800 TELEPHONE ❖ 631.269.1599 FACSIMILE ❖ IMPACTENVIRONMENTAL.COM



FINAL

SUPPLEMENTAL INVESTIGATION REPORT

Proposed for:

Melody Cleaners Site
2050 Hempstead Turnpike
East Meadow, New York
Voluntary Cleanup Program Site Code #347-1

Prepared for:

The New York State Department of Environmental Conservation

May 2004

Richard S. Parrish
Project Manager

Kevin C. Kleaka
Quality Assurance Officer

TABLE OF CONTENTS

Section	Topic	Page
1.	INTRODUCTION	5
2.	SAMPLING AND ANALYSIS PLAN	6
2.1	Site Characterization	6
2.2	Geophysical Survey	6
2.3	Subsurface Soil Sampling	7
2.3.1	Slab of Dry Cleaning Building	7
2.3.2	Investigation of Former Wastewater Disposal Systems	7
2.4	Soil Gas Survey	8
2.5	Indoor Air Quality Testing	9
2.6	Groundwater Sampling	9
3.	FEASIBILITY STUDY	10
3.1	Soil Vapor Extraction	10
3.2	Pilot Test Results	10
4.	RESULTS AND EVALUATION OF DATA	12
4.1	Soil Quality Results	12
4.2	Soil-Gas Results	13
4.3	Indoor Air Quality Results	13
4.4	Groundwater Quality Results	14
4.5	Pilot Test Air Results	14
5.	CONCLUSIONS AND RECOMMENDATIONS	16

FIGURES:

- Figure 1: Site Location Map, East Meadow, New York
Figure 2: Sample Acquisition Plan (On-Site), East Meadow, New York
Figure 3: Sample Acquisition Plan (Off-Site), East Meadow, New York
Figure 4: SVE Pilot Test Curve, East Meadow, New York
Figure 5: Proposed Monitoring Well Plan, East Meadow, New York

TABLES:

- Table 1: Analytical Summary Table-VOC Soil Analysis Results
Table 2: Analytical Summary Table-VOC Sediment Analysis Results
Table 3: Analytical Summary Table-VOC Soil Gas Analysis Results
Table 4: Analytical Summary Table –Indoor Air Analysis Results
Table 5: Analytical Summary Table-VOC Groundwater Analysis Results
Table 6: SVE Pilot Test Data

APPENDICES:

Appendix A: Soil Probe Logs

Appendix B: ELAP Certified Laboratory Analysis Reports-Chemtech Laboratories, Inc.

1. INTRODUCTION

This Supplemental Investigation Report presents the results of the Supplemental Work Plan that was conducted by Impact Environmental Consulting, Inc. at the property located at 2050 Hempstead Turnpike, East Meadow, New York, herein identified as the “Site”. The work conducted as part of this plan was required by the New York State Department of Environmental Conservation (NYSDEC) to further characterize Site-specific conditions relating to the nature and extent of contamination on the Site and other potentially impacted properties. Specifically, this phase of the investigation was intended to provide data that would define the extent of soil, soil gas and groundwater contamination and screen remedial alternatives specific to soil and soil-gas contamination. Additional investigation and feasibility testing specific to groundwater contamination will be implemented under the next phase of the RI/FS. This report is specified under the provisions of the Order on Consent between the NYSDEC and the Volunteer, Lowden Family Trust d/b/a Lowden Properties. This document does not provide a comprehensive background study or Site description. This information can be referenced in the Final RI/FS Work Plan, dated July 2002.

The tasks performed under the scope of the Supplemental Work Plan have been summarized in this report in the following sections.

- ❖ **Sampling and Analysis Plan**
- ❖ **Feasibility Study**
- ❖ **Results and Evaluation of Data**
- ❖ **Conclusions and Recommendations**

Presented herein are the results of the Supplemental Work Plan implemented by Impact Environmental Consulting, Inc. for the continued investigation of on-Site and off-Site resources (see **Figure 1: Site Location Map**, East Meadow, New York).

2. SAMPLING AND ANALYSIS PLAN

The intent of the work plan conducted at the Site was to further characterize the nature and extent of contamination and assess potential exposure to potential sensitive receptors. The information generated as part of this plan will be used to support informed decisions regarding additional investigative activities and/or remedial alternatives.

2.1 Site Characterization

The design and implementation of a sampling and analysis plan provides the framework necessary to achieve the objective of Site characterization. The fundamental elements of a sampling and analysis plan consist of iterative investigative field activities, laboratory analysis of representative multi-media samples and evaluating the results of data analyses. A dynamic or adaptive strategy to the preliminary Site investigation will be utilized to delineate the extent of contamination at the Site. During this adaptive process, the conceptual Site model was further refined based on the generation of analytical results and data evaluation.

All site investigation activities were performed in accordance with the Community Health and Safety Plan and the Standard Operating Procedures outlined in the Supplemental Work Plan. Some minor modifications to the Work Plan were made in the field due to site-specific field conditions. The specific objectives of the remedial investigation conducted under the scope of this work plan was to determine the following: 1) the presence of any additional pollution sources relating to the former on-Site wastewater disposal systems associated with the car wash and laundromat; 2) the horizontal and vertical extent of soil-gas contamination emanating from beneath the Site on and off-Site; and 3) the horizontal and vertical extent of dissolved phase solvent-related groundwater contamination off-Site. All sampling locations referenced in the following sections are depicted on **Figure 2** and **Figure 3**.

2.2 Geophysical Survey

A geophysical survey was performed over target portions of the planimetric surface of the Site utilizing a GSSI model SIR-2 ground penetrating radar system equipped with a 400MHz antenna. The survey was performed to identify the suspected location of abandoned underground injection wells associated with the former wastewater disposal systems historically operated by the car wash and the laundromat on the Site. The data generated from the survey was collected using a coordinate grid and evaluated in the field by a qualified technician. An analysis of the data indicated the presence of eleven subsurface anomalies on the Site consistent with underground injection well structures. The locations of said anomalies were consistent with historic site plans. Seven suspected subsurface injection well structures were identified associated with the

laundromat, and four suspected subsurface injection structures were identified associated with the car wash. These suspected structures were subjected to further investigative activities to confirm their existence (pilot probe) and to collect representative sample media at each confirmed structure. The locations of the detected anomalies are presented in **Figure 2**. Based on intrusive probing at the location of each suspected anomaly, it was determined that the laundromat injection wells were present as void cavities (not backfilled), and that the car wash injection wells had been backfilled. All of these structures were sampled (see Section 2.3.2).

2.3 Subsurface Soil Sampling

2.3.1 Slab of Dry Cleaning Building

Three subsurface soil-sampling probes were sited within the interior of the dry cleaning building (SP-3, SP-4 and SP-5), and one on the exterior immediately to the north of the dry cleaning building (SP-6). These sampling probes were intended to confirm the horizontal and vertical extent of residual solvent-related soil contamination beneath the slab of the building. The soil samples were secured utilizing a portable (hand-cart mounted) hydraulic Geoprobe operating system at depth intervals ranging from grade to fourteen feet beneath the slab. Sample depths were limited due to the inability of the sampling equipment to penetrate the subsurface beyond fourteen feet.

The soil samples were screened in the field utilizing a photo ionization detector for the presence of hydrocarbons. In general, the results ranged from non-detect to 197 ppm (parts per million). The highest readings were generally identified in the samples secured immediately beneath the slab and decreased to less than 5 ppm at each terminating sample depth. The soil probe logs presented in **Appendix A** provide the field headspace analysis results from each sample location and a classification of soil color and gradation.

Two soil samples were preserved in the field with methanol in accordance with USEPA Test Method 5035 from each location (except for SP-3; which was sampled from SG-1 at one and a half to three feet below the slab during an investigation from 2002) for ELAP certified laboratory analysis in accordance with the work plan.

2.3.2 Investigation of Former Wastewater Disposal Systems

One subsurface soil-sampling probe was sited within the confines of each abandoned underground injection well confirmed at the laundromat and the car wash (UIW-4 through UIW-10 and UIW-11 through UIW-14, respectively). These sampling probes were intended to confirm the presence of any residual solvent-related

soil contamination within said systems, which may be acting as an additional pollution source at the Site. The soil samples were acquired utilizing a hydraulic Geoprobe operating system at depth intervals ranging from grade to twenty-two feet below existing grade. The samples acquired from the abandoned laundromat injection wells were secured from the base (invert) of each structure to approximately five feet beneath the invert of each structure. The samples acquired from the abandoned car wash injection wells were secured at depth intervals ranging from grade to eighteen feet below existing grade or to the depth of apparent indigenous soils.

The media contained within each of the abandoned laundromat injection well structures consisted of sediment/sludge. The soil samples beneath the sediment/sludge layers (at terminating depth) were screened in the field utilizing a photo ionization detector for the presence of hydrocarbons. In general, the results ranged from 71 to 172 ppm.

The media contained within each of the abandoned car wash injection well structures primarily consisted of soil (sediment/sludge was confirmed to exist at only one abandoned injection well, UIW-12). The soil samples were screened in the field utilizing a photo ionization detector for the presence of hydrocarbons. In general, the results ranged from non-detect to 103 ppm. The highest reading was identified in the sample secured from UIW-11; and the remaining samples exhibited reading of less than 15 ppm. In general, the readings decreased to less than 5 ppm at each terminating sample depth. The soil probe logs presented in **Appendix A** provide the field headspace analysis results from each sample location and a classification of soil color and gradation.

One soil sample was preserved in the field with methanol in accordance with USEPA Test Method 5035 from each sampling location for ELAP certified laboratory analysis in accordance with the work plan.

2.4 Soil Gas Survey

Fourteen on-Site soil gas sampling probes (SG-6 through SG-19) and four off-Site soil gas sampling probes (SG-20 through SG-23) were sited to define the extent of solvent-related soil-gas contamination. Several on-Site probes were relocated in the field from the work plan to optimize the data on the Site. The off-Site probes were sited as presented in the work plan. Two soil-gas samples were secured utilizing a Geoprobe operating system equipped with a discrete soil-gas sampling device. The soil-gas samples were acquired via a portable mini pump into a tedlar bag at discrete depths of five and ten feet below existing grade from each location. The soil-gas sampling and quality assurance procedures were conducted in accordance with the approved work plan. The soil-gas sampling locations can be referenced with **Figure 2** and **Figure 3**.

2.5 Indoor Air Quality Testing

Indoor air quality monitoring was conducted within a basement office at one commercial building and within the basements of two residential dwellings proximal to the Site to confirm the effectiveness of the air mitigation response actions implemented at said locations. One sample was secured from each location using a perc adsorption badge for ELAP certified laboratory analysis in accordance with the schedule outlined in the work plan. The monitoring events occurred on April 11, May 7, August 20 and November 20, 2003. The indoor air sampling and quality assurance procedures were conducted in accordance with the work plan. The location of these buildings can be referenced (structures with hatch marks) on **Figure 3**.

2.6 Groundwater Sampling

Further investigation to define the extent of groundwater contamination was performed on and off-Site utilizing a Geoprobe operating system. The sampling plan was designed to supplement the data obtained from the preliminary Remedial Investigation. Eight temporary well points were sited to further evaluate the horizontal and vertical extent of the contaminant plume migrating off-Site. The groundwater sampling locations can be referenced with **Figure 3**. The groundwater sampling and quality assurance procedures were conducted in accordance with the approved work plan.

Two groundwater samples were secured from locations previously identified as GWP-3, GWP-4 and GWP-11 at depth intervals from one-hundred to one-hundred and four feet below existing grade and one-hundred and twenty to one-hundred and twenty four feet below existing grade for ELAP certified laboratory analysis.

Five groundwater sampling locations were sited on the McVey Elementary School property. One groundwater sample identified as GP-21 was secured from a location hydraulically up-gradient to the school building at a depth interval of forty to forty-four feet below existing grade for ELAP certified laboratory analysis. Four groundwater sampling locations identified as GP-19, GP-20, GP-22 and GP-23 were sited along Devon Street and Franklin Avenue. Groundwater samples were secured from said locations at depth intervals of 80'-84', 70', 74', 54'-58' and 40'-44' for ELAP certified laboratory analysis.

3. FEASIBILITY STUDY

The development and screening of remedial alternatives is the fundamental process for the feasibility study that will be conducted at the Site. As part of this process, the following criteria will be established: 1) remedial action objectives; 2) treatment technologies that will satisfy the remedial action objectives; and 3) screening the remedial alternatives based on effectiveness and implementability. The remedial objectives have been established in Section 5.1 of the Final RI/FS Work Plan, dated July 2002.

Remedial alternatives can be developed to address a specific contaminated medium, a specific area or the entire Site. For the purposes of this work plan, one remedial alternative was screened for the mitigation of soil gas contamination emanating from the Melody Cleaners Site. The remedial technology that was screened is soil vapor extraction. The feasibility of this remedial technology was evaluated through the performance of a pilot study. Additional development, screening and selection of remedial alternatives for groundwater contamination will be scoped as part of subsequent phases of the RI/FS.

3.1 Soil Vapor Extraction

The primary factors that determine the design of an SVE system include: 1) permeability of the soil; 2) soil structure and stratification; 3) soil moisture; and 4) depth to groundwater. The permeability of the soil affects the rate of air and vapor movement through the soil; the higher the permeability of the soil, the faster the movement and (ideally) the greater the amount of vapors that can be extracted. Soil structure and stratification are important to SVE effectiveness because they can affect how and where soil vapors will flow within the soil matrix under extraction conditions. Structural characteristics (e.g., layering, fractures) can result in preferential flow behavior that can lead to ineffective or significantly extended remedial times if they are positioned so that the induced airflow occurs outside the area of contamination. High moisture content in soils can reduce soil permeability and, consequently, the effectiveness of SVE by restricting the flow of air through soil pores.

3.2 Pilot Test Results

Pilot tests are an essential part of the design phase. Data provided by pilot tests is necessary to properly design the full-scale SVE system. Pilot tests provide information on the concentration of volatile organic compounds that are likely to be extracted during the early stages of operation of the SVE system. A pilot test was conducted at the Site for evaluating SVE effectiveness and design parameters. The pilot test procedures were performed in accordance with work plan. The pilot test consisted of the installation of three

1 inch vapor monitoring points (VP-1 through VP-3) and approximately 4 hours of soil vapor extraction using a 3 HP EG&G Rotron DR523K58 regenerative blower, with a maximum flow rate of 105 CFM and a maximum vacuum rating of 10 inches of water applied to a 2 inch monitoring well (MW-3).

The soil vapors extracted during the pilot test were treated using carbon filtration to assess the requisite carbon treatment for the SVE design. The air effluent was sampled at the start-up and shutdown of the pilot study before carbon treatment and after carbon treatment. The samples were collected in the field into a tedlar bag for ELAP certified laboratory analysis. In addition, a photo ionization detector was utilized to screen air effluent before carbon treatment and after carbon treatment in thirty minute intervals (between start-up and shutdown) during the run time of the pilot study. The results of the field screening ranged from 446 to 2,000 ppm for effluent air from the blower (with no dilution air from the blower), and was non-detect (0.0) for effluent air from the primary and secondary carbon units at each sampling interval.

4. RESULTS AND EVALUATION OF DATA

4.1 Soil Quality Results

Seven subsurface soil samples were selected from sampling probes SP-3, SP-4, SP-5 and SP-6 acquired from beneath and immediately outside the dry cleaning building for ELAP certified laboratory analysis by USEPA Test Method 8260 for total volatile organic analytes. The laboratory analysis results for these samples are presented in **Table 1: Analytical Summary Table-VOC Soil Analysis Results**. Based on the results of the laboratory analysis, two samples identified as SP-4 (2') and SP-5 (2') exhibited concentrations of tetrachloroethene at concentrations ranging from 9,000 parts per billion (ppb) to 46,000 ppb. The detected concentrations from said samples exceeded the applicable standards, criteria and guidance's (SCGs) for soil quality under NYSDEC, Technical and Administrative Guidance Memorandum (TAGM) #4046, Determination of Soil Cleanup Objectives. The balance of samples failed to exhibit any target volatile organic analytes above minimum detection limits. No background concentrations were detected in the sample trip or field blanks.

Eleven subsurface soil samples were selected from sampling probes UIW-4 through UIW-14 acquired from within the confines of each abandoned underground injection well confirmed at the laundromat and at the inferred base (invert) of each structure confirmed at the car wash for ELAP certified laboratory analysis by USEPA Test Method 8260 for total volatile organic analytes. The laboratory analysis results for these samples are presented in **Table 2: Analytical Summary Table-VOC Sediment Analysis Results**. Based on the results of the laboratory analysis, eight samples identified as UIW-4 (15'), UIW-5 (15'), UIW-6 (16.5'), UIW-7 (18'), UIW-8 (15'), UIW-9 (15'), UIW-10 (16') and UIW-11 (10') exhibited concentrations of several volatile organic analytes. The analytes detected above minimum detection limits included cis-1,2-dichloroethene, trichloroethene, toluene, tetrachloroethene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and 1,2,3-trichlorobenzene at concentrations ranging from 3,300 ppb to 110,000. The detected concentrations from said samples exceeded the applicable standards, criteria and guidance's (SCGs) for soil quality under NYSDEC, Technical and Administrative Guidance Memorandum (TAGM) #4046, Determination of Soil Cleanup Objectives. The balance of samples failed to exhibit any target volatile organic analytes above minimum detection limits. No background concentrations were detected in the sample trip or field blanks. The ELAP certified laboratory analysis reports for soil samples can be referenced in **Appendix B**.

4.2 Soil-Gas Results

Thirty-six soil-gas samples were selected from soil-gas probes SG-6 through SG-23 acquired from on and off-Site for ELAP certified laboratory analysis by NIOSH Test Method TO-14 for tetrachloroethene and associated breakdown products; trichloroethene (TCE), cis-1,2-dichloroethene (1,2-DCE) and vinyl chloride (VC) by GC/MS. The laboratory analysis results for these samples are presented in **Table 3: Analytical Summary Table-VOC Soil-Gas Analysis Results**. Based on the results of the laboratory analysis, twenty-eight samples identified as SG-6 through SG-19 secured on-Site at depths of five and ten feet below existing grade exhibited concentrations of tetrachloroethene, trichloroethene or cis-1,2-dichloroethene ranging to 284, 4 and 1 parts per million per volume (ppmv), respectively. One sample identified as SG-23 secured immediately off-Site at a depth of five feet below existing grade exhibited concentrations of tetrachloroethene, trichloroethene or cis-1,2-dichloroethene at concentrations 1, 0.2 and 0.04 ppmv, respectively. No concentrations of vinyl chloride were detected within any soil-gas samples. The detected concentration of tetrachloroethene from said sample exceeded the NYSDOH for indoor air quality ($100 \mu\text{g}/\text{m}^3$). This guidance value was proposed as the threshold level to evaluate the need to conduct indoor air testing at additional locations. The soil-gas sampling probe SG-23 was located on Front Street between Sixth and Seventh Street.

The balance of samples failed to exhibit any target volatile organic analytes above minimum detection limits. Minimal background concentrations of trichloroethene were detected in one field blank sample identified as field blank-6/23/03 secured prior to on-Site sampling. This detection is not expected to have significantly affected the quality of the data for evaluation purposes. No background concentrations were detected in the sample identified as field blank-8/20/03 secured prior to off-Site sampling. The ELAP certified laboratory analysis reports for soil-gas samples can be referenced in **Appendix B**.

4.3 Indoor Air Quality Results

Eight indoor air samples were secured from within a basement office at one commercial building and within the basements of two residential dwellings proximal to the Site between April and November 20, 2003 for ELAP certified laboratory analysis by NYSDOH Test Method 311-9 for tetrachloroethene. The laboratory analysis results for these samples are presented in **Table 4: Analytical Summary Table-Indoor Air Analysis Results**. Based on the results of the laboratory analysis, all eight samples exhibited concentrations of tetrachloroethene ranging from 15 to 1,080 micrograms per cubic meters ($\mu\text{g}/\text{m}^3$). The average tetrachloroethene concentrations in indoor air for the residential homes monitored during the operation of the air mitigation response (carbon filtration units) is below the applicable SCG for NYSDOH for indoor air quality. The average tetrachloroethene concentration in indoor air for the commercial building monitored

during the operation of the air mitigation responses (carbon filtration units and air ventilation system) exceeds the applicable SCG for NYSDOH for indoor air quality. Three inspections of the carbon filtration unit at this location revealed that the unit was not operating because it had been shut off by others. An inspection during the most recent sampling indicated that the unit was operating, which likely corresponds to the decrease in concentrations detected in November 2003 from those detected in August 2003. The ELAP certified laboratory analysis reports for indoor air samples can be referenced in **Appendix B**.

4.4 Groundwater Quality Results

Twenty-four groundwater samples were selected from groundwater sampling probes GP-4, GP-10, GP-11, GP-18, GP-19, GP-20, GP-21, GP-22, GP-23 from on and off-Site for ELAP certified laboratory analysis by USEPA Test Method 8260 for total volatile organic analytes. The laboratory analysis results for these samples are presented in **Table 5: Analytical Summary Table-VOC Groundwater Analysis Results**. Based on the results of the laboratory analysis, eighteen samples secured off-Site exhibited concentrations of tetrachloroethene, trichloroethene and cis-1,2 dichloroethene ranging from 3.8 to 5,100 ppb. Of these, thirteen samples exhibited concentrations of at least target analytes exceeding the applicable standards, criteria and guidance's (SCGs) for GA class ambient water quality standards and guidance values under NYSDEC, Technical Operational Guidance Series (TOGS) 1.1.1. The balance of samples failed to exhibit any concentrations of target volatile organic analytes above minimum detection limits. No background concentrations were detected in the sample trip or field blanks. The ELAP certified laboratory analysis reports for groundwater samples can be referenced in **Appendix B**.

4.5 Pilot Test Air Results

Four air samples were selected from the pilot test run before carbon treatment (SVE-In) and after carbon treatment (SVE-Eff) for ELAP certified laboratory analysis by NIOSH Test Method TO-14 for tetrachloroethene and associated breakdown products; trichloroethene (TCE), cis-1,2-dichloroethene (1,2-DCE) and vinyl chloride (VC) by GC/MS. The laboratory analysis results for these samples are presented in **Table 3: Analytical Summary Table-VOC Soil-Gas Analysis Results**. Based on the results of the laboratory analysis, each sample exhibited concentrations of tetrachloroethene, trichloroethene and cis-1,2-dichloroethene ranging from 1 to 2,141 ppmv. No concentrations of vinyl chloride were detected within any of said samples. A comparison of the concentrations of tetrachloroethene detected in influent samples (SVE-In) with the effluent samples (SVE-Eff) at the beginning and end of the pilot test indicate a 99.8% and 99.8% reduction, respectively. The ELAP certified laboratory analysis reports for soil vapor extraction influent and effluent samples can be referenced in **Appendix B**.

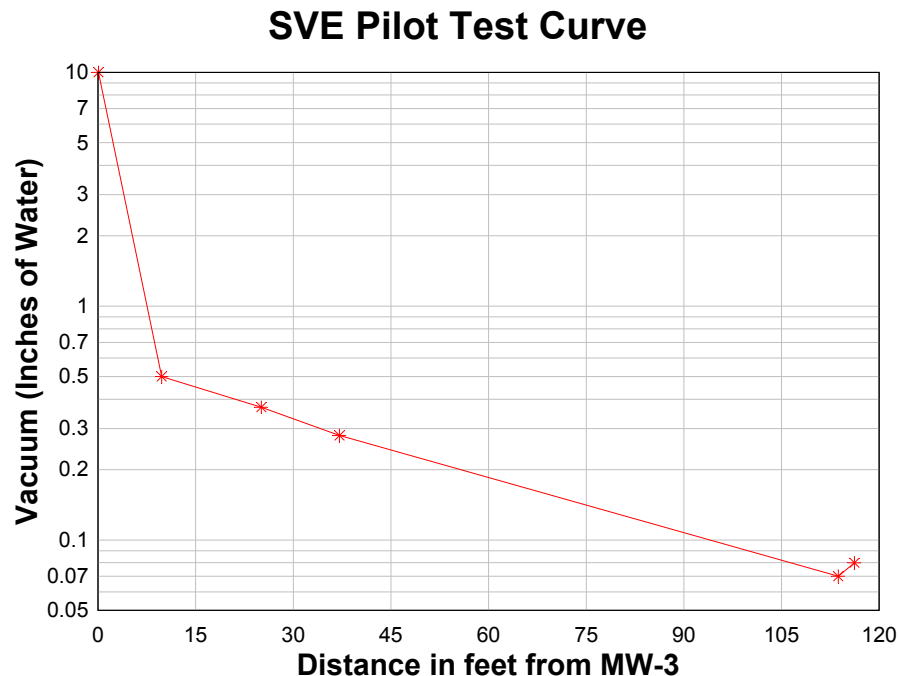
Based on the data compiled, it was concluded that the application of 10 inches of water vacuum yielded a flow rate of approximately 105 CFM for the site specific soil conditions would yield an approximate ninety foot radius of influence utilizing a cut off point of 0.1 inches of water. The data generated from the SVE pilot test is presented in **Table 6. Figure 4: SVE Pilot Test Curve– Distance vs. Vacuum** presents the average changes versus the distance to the respective test point.

Table 6: SVE Pilot Test Data

Time	6/23/2003	Vacuum Readings Inches of H ² O				
		VP-1	VP-2	VP-3	MW-1	MW-2
Distance to MW-3		9.8 ft	25.2 ft	37.1 ft	116.2 ft	113.7 ft
30		0.52	0.38	0.28	NA	NA
60		0.49	0.36	0.28	0.08	0.05
90		0.49	0.38	0.27	NA	NA
120		0.49	0.36	0.26	NA	NA
150		0.51	0.38	0.3	NA	NA
180		0.5	0.36	0.26	0.08	0.07
210		0.51	0.36	0.3	NA	NA
240		0.5	0.38	0.28	NA	NA

Vacuum @ SVE Blower - 10 inches of H²O
Flow Rate - 105 CFM

Figure 4: SVE Pilot Test Curve



5. CONCLUSIONS AND RECOMMENDATIONS

Based on a comprehensive analysis of the data collected beneath the slab of the dry cleaning building, the highest concentrations of residual chlorinated solvent related soil contamination were detected beneath and surrounding the location of the former dry cleaning machines. The horizontal extent of the chlorinated solvent related soil contamination from this source appears to extend beyond the footprint of the building to the west, south and east of the building. The extent of this contamination does not extend beyond the northern side of the building as evinced by the results from soil probe SP-6. The vertical extent of the chlorinated residual solvent related soil contamination does not extend beyond twelve feet below existing grade. This additional source of contamination that was confirmed to be present beneath the slab of the dry cleaning building is not contributing to the underlying groundwater contaminant plume. It is recommended that a soil vapor extraction system be designed and implemented to mitigate this source of contamination. A work plan for the design and operation of said SVE system shall be proposed to the NYSDEC as an Interim Remedial Measure (IRM) under a separate work plan in March 2004.

Based on a comprehensive analysis of the data collected with respect to the former on-Site wastewater disposal systems associated with the laundromat and car wash, an additional pollution source was confirmed to be present on the Site. This source of contamination was identified within the seven abandoned underground injection wells associated with the laundromat. The laboratory analysis of sediment samples secured from within said injection wells detected elevated concentrations of chlorinated and petroleum related solvents including tetrachloroethene, trichloroethene, toluene and dichlorobenzenes. The contamination identified within these injection wells at the Site represents a source of contamination to soil gas and groundwater underlying the Site. Sampling of each of these injection wells indicated that a sludge layer was present at thicknesses ranging from six to fourteen inches. Removal of the source media contained within said injection wells has been proposed to the NYSDEC as an IRM under a separate work plan, dated November 2003. This proposed work is intended to permanently remove the sludge contained within each structure. Preparation of this work plan has consequently delayed the schedule of activities relating to the installation and sampling of permanent monitoring wells.

Any additional residual contamination beneath the sludge within each injection well as well as the detected concentration of tetrachloroethene within UIW-11 shall be addressed through remediation of the Site using soil vapor extraction. A work plan for the design and operation of said SVE system shall be proposed to the NYSDEC as an IRM under a separate work plan in March 2004.

Based on a comprehensive quantitative analysis of the data collected from the on and off-Site soil gas samples, the highest concentrations of soil gas contamination in the vadose zone are present in the vicinity of the former sanitary system associated with the dry cleaning building. IRM of the source media from this former system was completed in November 2000. The horizontal extent of the soil gas contamination appears to be spread across the majority of the Site and extend off-Site to the west and south. The extent of the soil gas contamination toward the south (toward the residential dwellings) does not appear to extend significantly beyond Front Street as evinced by the results from soil gas probe SG-23. The additional soil gas samples secured from off-Site failed to exhibit any concentrations of target analytes. The multi-depth soil gas samples secured at the McVey Elementary School failed to exhibit any concentrations of target analytes. Based on this data, it appears that the depth and migration of soil gas contamination correlates to the depth of confirmed contamination sources at the Site. Therefore, it is concluded that the soil gas contamination is the result of vapor phase migration in the vadose zone from source areas at the Site and not the result of contributions from the underlying groundwater contaminant plume. As a result, it is not expected for the McVey Elementary School or any other dwellings/buildings outside the horizontal extent of the soil gas contamination to have a significant risk of exposure to indoor air quality. It is recommended that a soil vapor extraction system be designed and implemented to mitigate this source of soil gas contamination. A work plan for the design and operation of said SVE system shall be proposed to the NYSDEC as an IRM under a separate work plan in March 2004. No additional dwellings or buildings are proposed for indoor air monitoring at this time.

Based on an analysis of the data collected from indoor air samples, the concentrations of tetrachloroethene have been stabilized to below or marginally above applicable SCGs through the operation of interim air mitigation responses at the affected residential dwellings. The results of the most recent monitoring conducted at the commercial building indicated a significant reduction in the concentrations of tetrachloroethene to marginally above the applicable SCGs. This reduction is expected to be the result of the continuous operation of interim air mitigation responses (carbon filtration unit and air ventilation system) at this location. It is proposed that the operation and maintenance of the interim air mitigation systems and monitoring program currently in place at each of these three locations be continued until acceptable indoor air quality results are achieved resulting from the operation of the SVE system.

Based on a comprehensive analysis of the data collected from groundwater samples secured from on and off-Site, the solvent related groundwater contaminant plume emanating from the Site is migrating southerly in the direction of groundwater flow. The centerline of the contaminant plume appears to be along groundwater points GP-4, GP-11 and between groundwater points GP-19 and GP-22. The horizontal extent of the solvent related groundwater contaminant plume within an order of magnitude of the applicable SCG appears to extend to Devon Street in the direction of groundwater flow. The vertical extent of the solvent related

groundwater contaminant plume extends at groundwater probes GP-4 and GP-11 to at least one hundred and twenty four feet below existing grade. No up-gradient source of contamination was identified from the results of the remedial investigation. It is recommended that permanent monitoring wells will be installed hydraulically up-gradient of the source area, at the source area on-Site and hydraulically down-gradient of the Site relative to groundwater flow direction and the centerline of the contaminant plume (see **Figure 5: Proposed Monitoring Well Plan**). The monitoring wells proposed will be designed and installed in accordance with NYSDEC requirements. Two permanent monitoring wells are proposed to be installed at the Site; one up-gradient to the Site and one in the vicinity of the contaminant source areas at the Site. The up-gradient well is proposed to be screened at the water table; from twenty to forty feet below existing grade. The well proposed at the Site in the vicinity of the contaminant source areas is proposed to be screened at the water table (twenty to forty feet) and at seventy to eighty feet below existing grade. The multi-level wells to be sited off-Site are proposed to be screened at three depths of twenty to forty, seventy to eighty and one hundred and twenty to one hundred and thirty feet below existing grade. These wells are proposed to be constructed using one inch 20 slot screen and riser and installed with a 6600 Geoprobe Operating System. It is recommended that these wells be sampled on a quarterly basis subsequent to installation to monitor fate and transport of the dissolved phase contaminant plume.

Based on the results of the pilot test, it was concluded that soil vapor extraction technology is a sufficient remedial alternative to mitigate residual soil and soil gas contamination at the Site. It is recommended that a soil vapor extraction system be designed and implemented to mitigate on-Site sources of contamination. A work plan for the design and operation of said SVE system shall be proposed to the NYSDEC as an IRM under a separate work plan in March 2004.

TABLES

Final Supplemental Investigation Report

Table 1: Analytical Summary Table

Volatile Organic Soil Analysis Results

VCP Site Code #347-I

Sample ID	347-SP-3 (12')	347-SP-4 (2')	347-SP-4 (14')	347-SP-5 (2')	347-SP-5 (12')	347-SP-6 (4')	347-SP-6 (8')	NYSDEC TAGM #4046 Soil Cleanup Objectives
Units	$\mu\text{g/Kg}$	$\mu\text{g/Kg}$	$\mu\text{g/Kg}$	$\mu\text{g/Kg}$	$\mu\text{g/Kg}$	$\mu\text{g/Kg}$		$\mu\text{g/Kg}$
Volatile Organic Analytes:								
Trichloroethene	U	240J	U	U	U	U	U	700
Tetrachloroethene	U	46,000	U	9,000	U	110J	U	1400

Bold values represent concentrations above guidance criteria.

J: Estimated value less than method detection limit

U: Not Detected.

NA: Not Available.

Table 2: Analytical Summary Table
Volatile Organic Sediment Analysis Results
VCP Site Code #347-1

Sample ID	347-UIW-4 (15')	347-UIW-5 (15')	347-UIW-6 (16.5')	347-UIW-7 (18')	347-UIW-8 (15')	347-UIW-9 (15')	347-UIW-10 (16')	347-UIW-11 (10')	347-UIW-12 (12')	347-UIW-13 (10')	347-UIW-14 (18')	NYSDEC TAGM #4046 Soil Cleanup Objectives
Units	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
Volatile Organic Analytes:												
Carbon Disulfide	U	U	3100J	U	5000J	U	U	U	U	U	U	2,700
cis-1,2-Dichloroethene	38,000	23,000	30,000	6200J	63,000	10,000	72,000	U	U	U	U	NA
Trichloroethene	1000J	12,000	8200J	10,000	12,000	3800J	U	U	U	U	U	700
Toluene	U	U	2500J	U	9,000	U	U	U	U	U	U	1,500
Tetrachloroethene	5000J	110,000	7,200	77,000	50,000	16,000	U	3,300	U	U	U	1,400
1,3,5-Trimethylbenzene	U	U	U	U	2100J	U	6600J	U	U	U	U	3,300
tert-Butylbenzene	U	U	U	U	U	U	U	U	U	U	U	10,000
1,2,4-Trimethylbenzene	2900J	4100J	4400J	U	5300J	U	3500J	U	U	U	U	10,000
1,2-Dichlorobenzene	3300J	3700J	3100J	U	U	U	95,000	U	U	U	U	7,900
1,3-Dichlorobenzene	U	U	U	U	U	U	23,000	U	U	U	U	1,600
1,4-Dichlorobenzene	3300J	3500J	U	2800J	2800J	U	37,000	U	U	U	U	8,500
1,2,4-Trichlorobenzene	U	U	U	U	U	U	43,000	U	U	U	U	3,400
Naphthalene	6000J	9000J	3700J	U	6100J	U	4500J	U	2700J	U	U	13,000
1,2,3-Trichlorobenzene	U	U	U	U	U	U	14,000	U	U	U	U	NA

Bold values represent concentrations above guidance criteria.

J: Estimated value less than method detection limit

U: Not Detected.

NA: Not Available.

Table 3: Analytical Summary Table
Volatile Organic Soil-Gas Analysis Results
VCP Site Code #347-1

Volatile Organic Analyte	PCE	TCE	cis-1,2-DCE	VC
<i>Units</i>	<i>ppmv</i>	<i>ppmv</i>	<i>ppmv</i>	<i>ppmv</i>
Sample ID				
347-Field Blank 6/23/03	U	0.044	U	U
347-SG-6 (5')	1.104	2.819	0.098	U
347-SG-6 (10')	17.893	2.196	0.122	U
347-SG-7 (5')	23.759	0.931	0.179	U
347-SG-7 (10')	75.469	4.160	1.078	U
347-SG-8 (5')	77.273	2.024	0.273	U
347-SG-8 (10')	100.130	2.149	0.877	U
347-SG-9 (5')	69.591	0.688	0.028	U
347-SG-9 (10')	67.027	0.655	0.050	U
347-SG-10 (5')	84.064	3.743	0.181	U
347-SG-10 (10')	63.069	3.330	0.270	U
347-SG-11 (5')	35.804	0.217	U	U
347-SG-11 (10')	42.823	0.169	U	U
347-SG-12 (5')	108.421	1.178	0.136	U
347-SG-12 (10')	32.073	0.552	0.160	U
347-SG-13 (5')	56.148	2.269	U	U
347-SG-13 (10')	44.158	0.256	U	U
347-SG-14 (5')	30.895	0.058	U	U
347-SG-14 (10')	18.150	0.041	U	U
347-SG-15 (5')	12.494	0.055	U	U
347-SG-15 (10')	32.029	0.094	U	U
347-SG-16 (5')	5.425	0.025	U	U
347-SG-16 (10')	7.281	0.037	U	U
347-SG-17 (5')	99.849	1.993	0.662	U
347-SG-17 (10')	138.620	1.663	0.574	U
347-SG-18 (5')	284.407	3.882	0.279	U
347-SG-18 (10')	33.443	1.857	0.194	U
347-SG-19 (5')	27.307	0.621	U	U
347-SG-19 (10')	33.354	0.380	U	U
347-Field Blank 8/20/03	U	U	U	U
347-SG-20 (5')	U	U	U	U
347-SG-20 (10')	U	U	U	U
347-SG-21 (5')	U	U	U	U
347-SG-21 (10')	U	U	U	U
347-SG-22 (5')	U	U	U	U
347-SG-22 (10')	U	U	U	U
347-SG-23 (5')	1.104	0.210	0.046	U
347-SG-23 (10')	U	U	U	U
347-SVE-In (#1)	1915.25	9.78	1.014	U
347-SVE-Eff (#1)	3.506	U	U	U
347-SVE-In (#2)	2141.48	8.151	1.063	U
347-SVE-Eff (#2)	4.247	U	U	U

Bold values represent concentrations above guidance criteria.

J: Estimated value less than method detection limit

U: Not Detected.

NA: Not Available.

Table 4: Analytical Summary Table
Volatile Organic Soil Analysis Results
VCP Site Code #347-1

Sample ID	4/11/2003	5/7/2003	8/20/2003	11/20/2003	NYSDOH Recommended Indoor Air Quality Setting
<i>Units</i>	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$
2080 Hempstead Turnpike	676	692	1080	135	100
2088 6th Street	56	58	26	15	100
2052 Front Street	123	75	136	61	100

Bold values represent concentrations above guidance criteria.

J: Estimated value less than method detection limit

U: Not Detected.

NA: Not Available.

Table 5: Analytical Summary Table
Volatile Organic Groundwater Analysis Results
VCP Site Code #347-1

Sample ID	347-Trip Blank (6/18/03)	347-Field Blank (8/19/03)	347-Trip Blank (8/20/03)	347-Field Blank (9/4/03)	347-Trip Blank (9/4/03)	347-GP-18 (38'-42')	347-GP-19 (80'-84')	NYSDEC Ambient Water Quality Standards & Guidance Values
<i>Units</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>
Volatile Organic Analytes:								
carbon disulfide	U	U	U	U	U	U	1.0J	60
Methyl tert-butyl Ether	U	U	U	U	U	U	U	10
Methylene Chloride	U	0.77J	U	1.1B	1.0B	2.2B	U	5
cis-1,2-Dichloroethene	U	U	U	U	U	U	6.7	5
Trichloroethene	U	U	U	U	U	U	4.8	5
Tetrachloroethene	U	U	U	U	U	U	40	5

Bold values represent concentrations above guidance criteria.

J: Estimated value less than method detection limit

U: Not Detected.

NA: Not Available.

Table 5: Analytical Summary Table
Volatile Organic Groundwater Analysis Results
VCP Site Code #347-1

Sample ID	347-GP-19 (70'-74')	347-GP-19 (54'-58')	347-GP-19 (40'-44')	347-GP-20 (80'-84')	347-GP-20 (70'-74')	347-GP-20 (52'-56')	347-GP-20 (40'-44')	NYSDEC Ambient Water Quality Standards & Guidance Values
<i>Units</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>
Volatile Organic Analytes:								
carbon disulfide	U	1.5	U	U	U	U	.88J	60
Methyl tert-butyl Ether	1	U	.73J	1.1	U	1.3	U	10
Methylene Chloride	U	U	U	U	U	U	U	5
1,1-Dichloroethane	U	U	.65J	.62J	.63J	.85J	1.1	5
cis-1,2-Dichloroethene	2.1	2.9	3.3	U	U	7.6	2.1	5
1,1,1-Trichloroethane	U	U	.88J	U	U	U	.92J	5
Trichloroethene	U	0.78J	1.3	U	U	1.3	.99J	5
Toluene	U	U	U	1.0J	.92J	U	U	5
Tetrachloroethene	9.4	3.8	4.3	U	U	4.2	3.4	5

Bold values represent concentrations above guidance criteria.

J: Estimated value less than method detection limit

U: Not Detected.

NA: Not Available.

Table 5: Analytical Summary Table
Volatile Organic Groundwater Analysis Results
VCP Site Code #347-1

Sample ID	347-GP-21 (38'-42')	347-GP-22 (80'-84')	347-GP-22 (70'-74')	347-GP-22 (54'-58')	347-GP-22 (40'-44')	347-GP-23 (80'-84')	347-GP-23 (70'-74')	347-GP-23 (54'-58')	NYSDEC Ambient Water Quality Standards & Guidance Values
<i>Units</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>
Volatile Organic Analytes:									
Vinyl Chloride	U	U	U	.83J	U	U	U	U	2
carbon disulfide	U	U	U	U	.95J	U	U	U	60
Methyl tert-butyl Ether	U	U	U	.85J	U	U	U	U	10
cis-1,2-Dichloroethene	22	5.7	4.4	22	13	U	U	U	5
Trichloroethene	9.8	.91J	U	7.7	7.1	U	U	U	5
Tetrachloroethene	68	15	18	51	46	U	U	23	5

Bold values represent concentrations above guidance criteria.

J: Estimated value less than method detection limit

U: Not Detected.

NA: Not Available.

Table 5: Analytical Summary Table
Volatile Organic Groundwater Analysis Results
VCP Site Code #347-1

Sample ID	347-GP-23 (40'-44')	347-GP-4 (120'-124')	347-GP-4 (100'-104')	347-GP-10 (120'-124')	347-GP-10 (100'-104')	347-GP-11 (120'-124')	347-GP-11 (100'-104')	NYSDEC Ambient Water Quality Standards & Guidance Values
<i>Units</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>
Volatile Organic Analytes:								
Acetone	U	U	U	8.1	U	U	U	50
Methyl tert-butyl Ether	U	U	U	U	1.4	U	U	10
Methylene Chloride	U	.78JB	.69JB	1.4B	.75JB	.77JB	.73JB	5
1,1-Dichloroethane	U	3.3	U	1.2	1.5	.60J	.66J	5
2-Butanone (mek)	U	U	U	6.1	U	U	U	NA
cis-1,2-Dichloroethene	U	U	U	U	1.5	36	36	5
1,1,1-Trichloroethane	U	1.7	U	U	2.1	U	U	5
Trichloroethene	U	1.9	3.5	U	2	20	27	5
Tetrachloroethene	4.6	78	5100	1	1.1	490	680	5

Bold values represent concentrations above guidance criteria.

J: Estimated value less than method detection limit

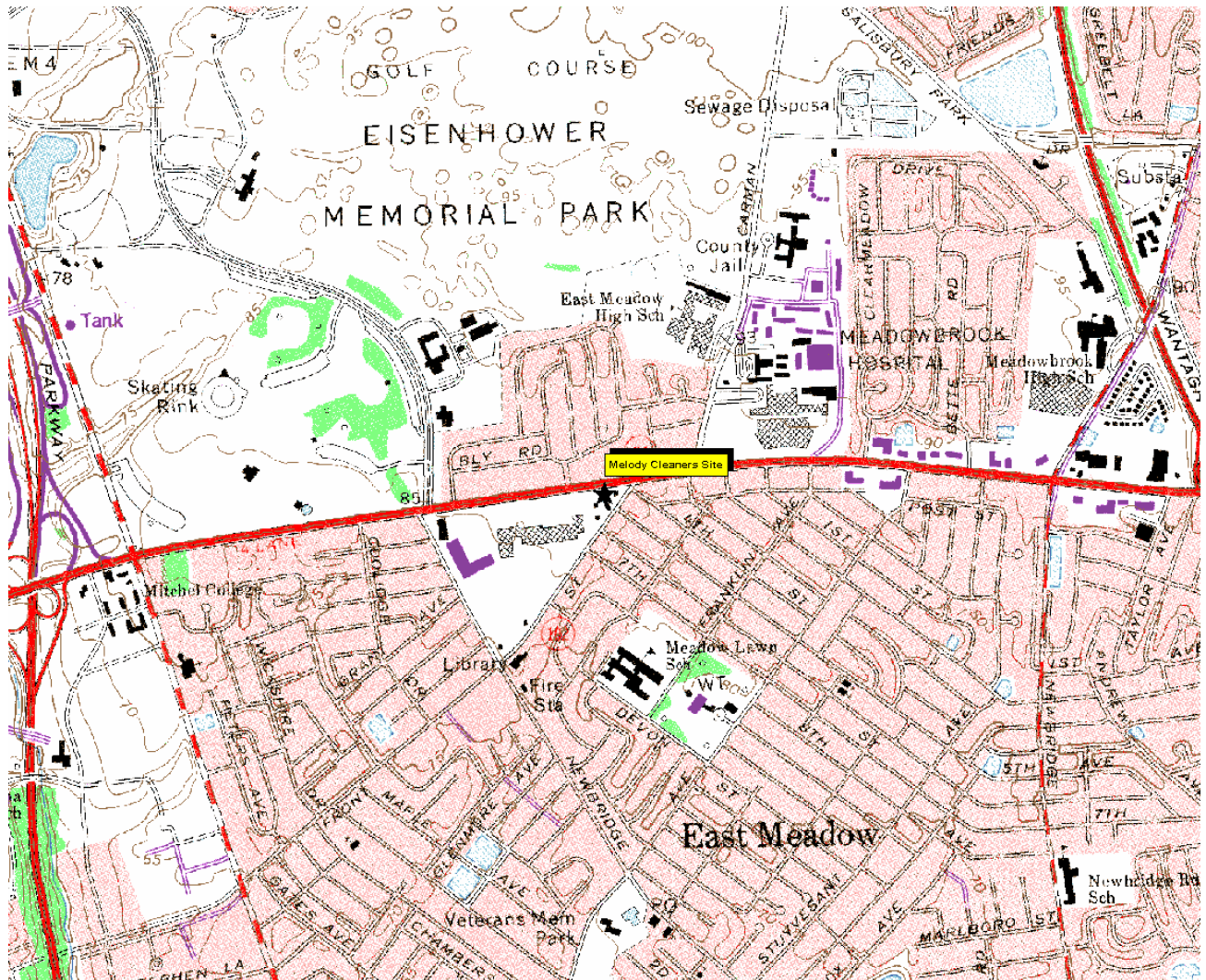
U: Not Detected.

NA: Not Available.

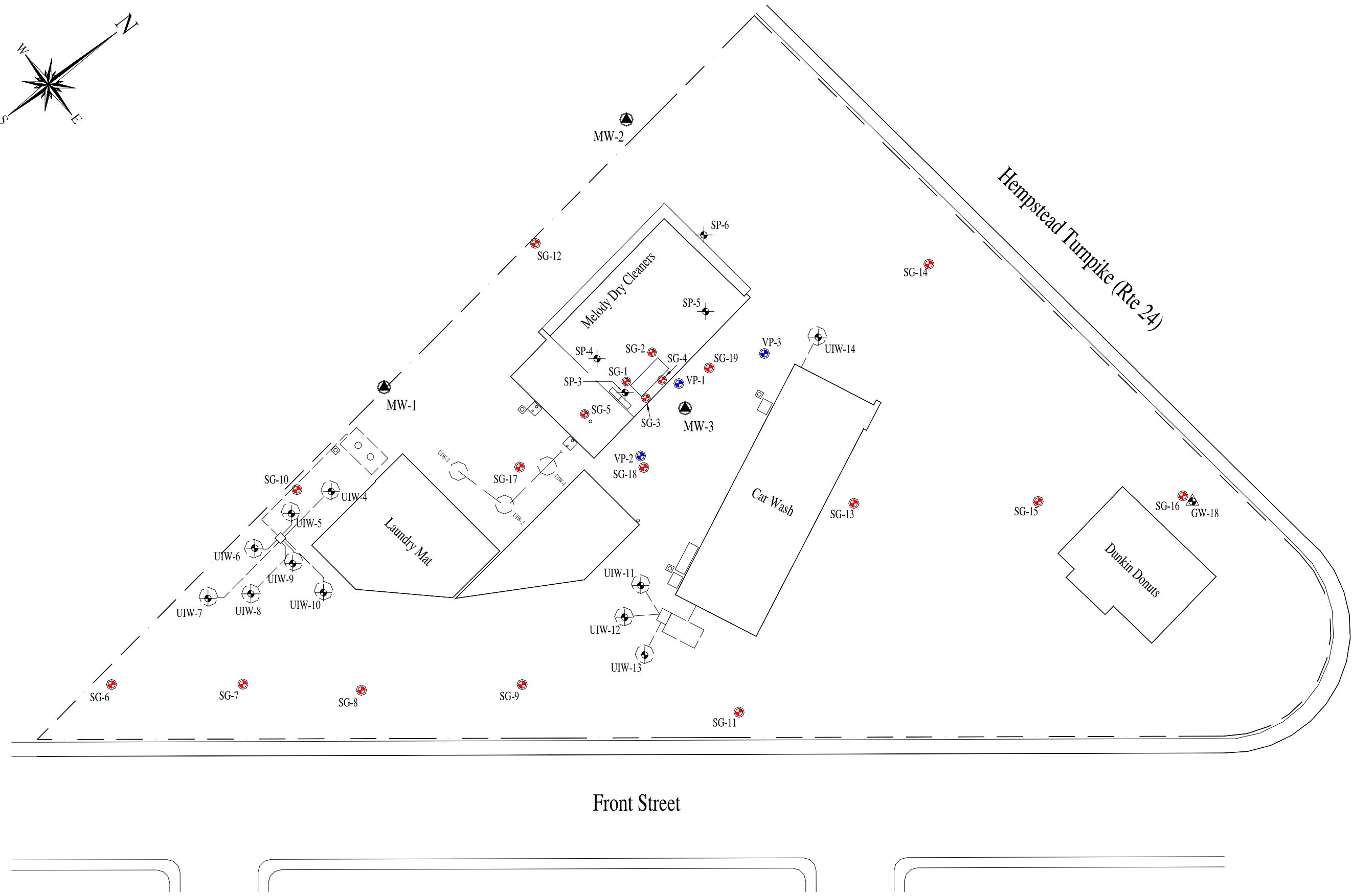
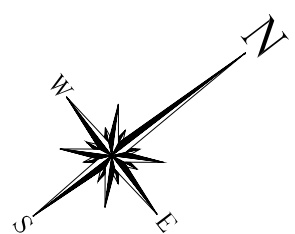
FIGURES

Final Supplemental Investigation Report

Figure 1: Site Location Map
East Meadow, New York



Scale 1:24000
CONTOUR INTERVAL 10 FEET
 DASHED LINES REPRESENT 5 - FOOT CONTOURS
 DATUM IS MEAN SEA LEVEL
 DEPTH CURVES AND SOUNDINGS IN FEET - DATUM IS MEAN LOW





IMPACT ENVIRONMENTAL
a division of Impact Environmental Consulting Inc.
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
631.269.8600 TELEPHONE
631.269.1599 FACSIMILE

Figure 2: Sample Acquisition Plan

Melody Cleaners Site
2050 Hempstead Turnpike, East Meadow, New York
VCP Site Code # 347-1

Legend

scale: 1" = 40'

- monitoring well
- temporary well point
- soil probe
- soil-gas probe
- vapor monitoring point

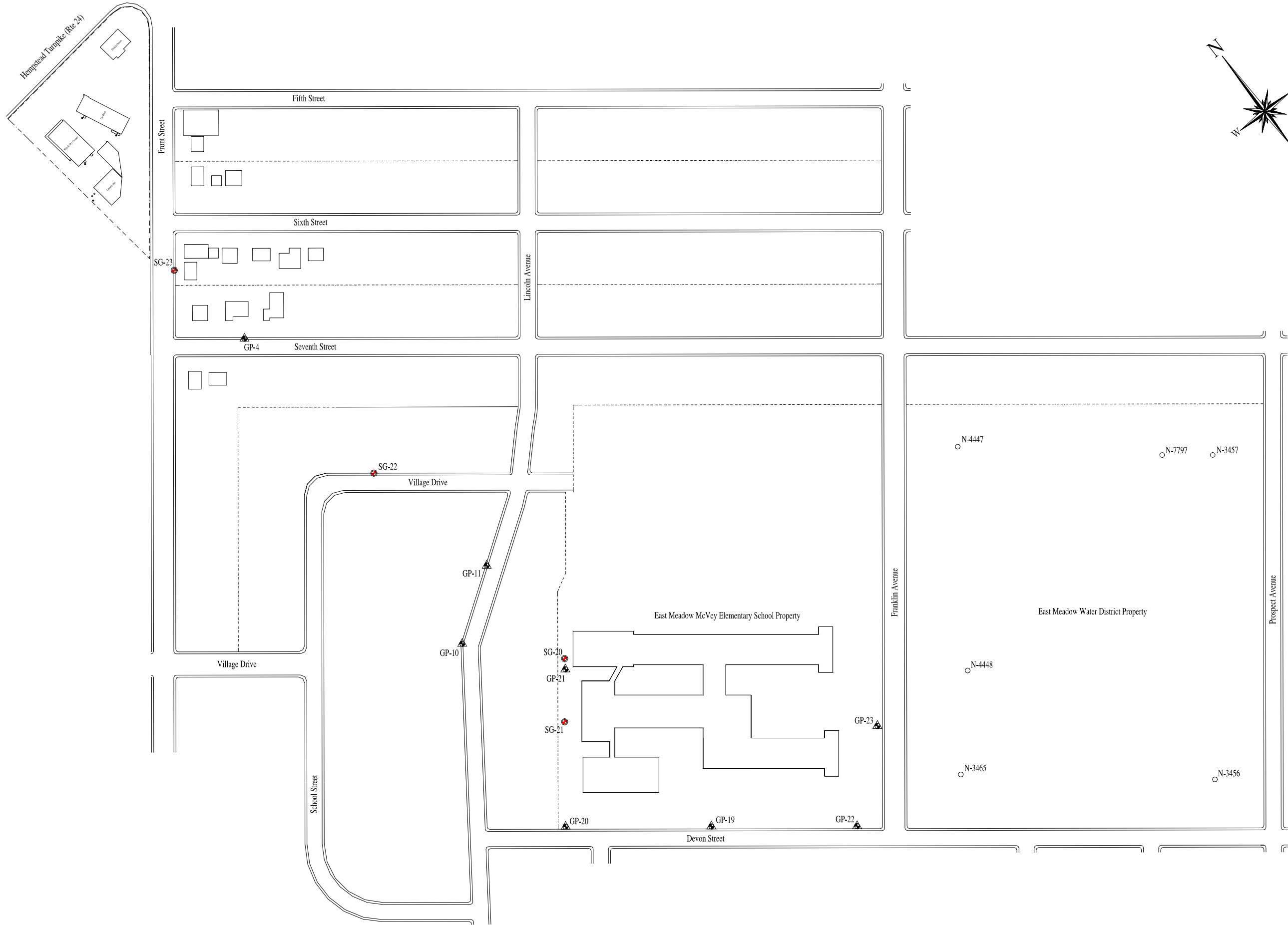


Figure 3: Sample Acquisition Plan
Melody Cleaners Site
2050 Hempstead Turnpike, East Meadow, New York
VCP Site Code # 347-1

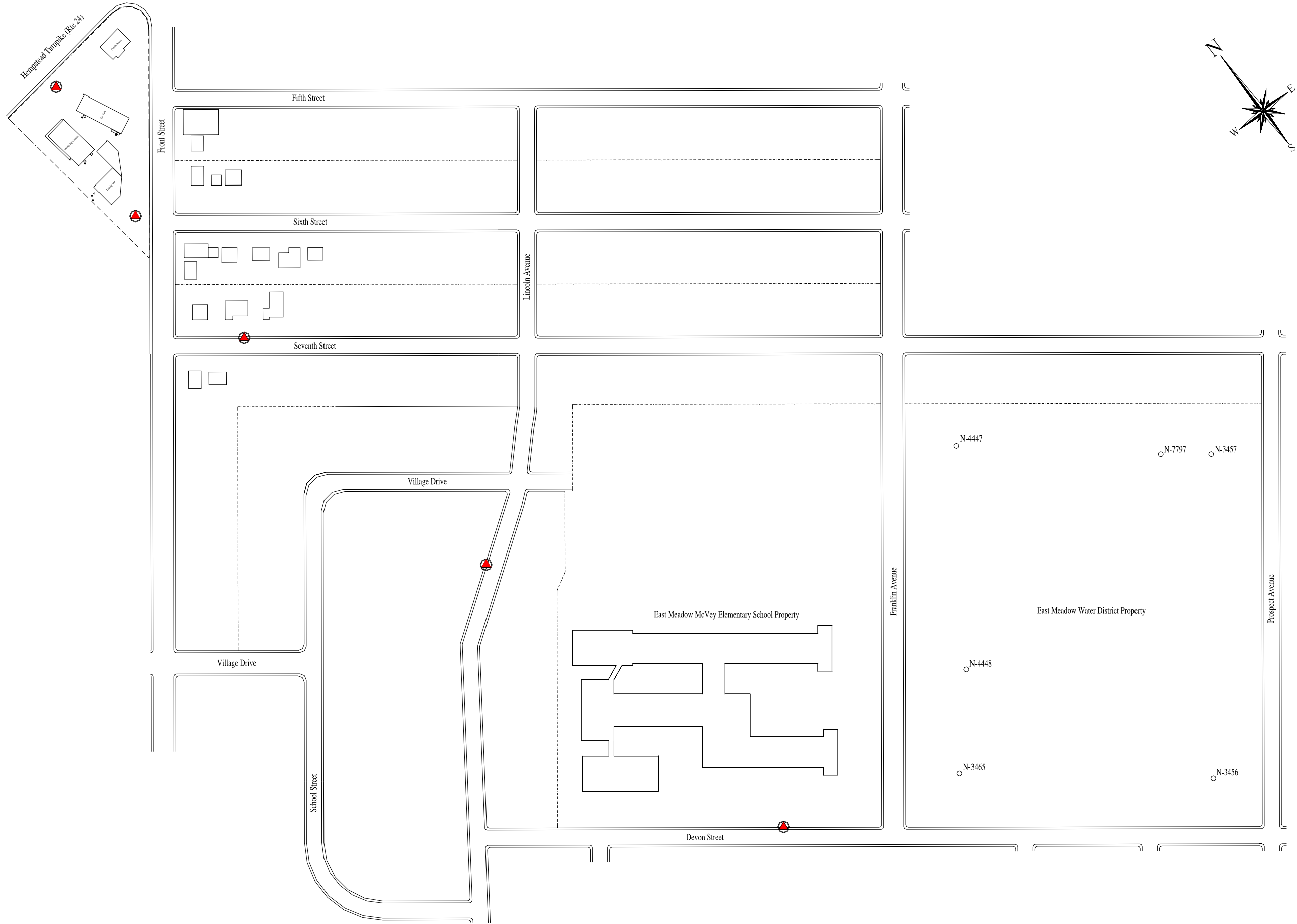


Figure 5: Proposed Monitoring Well Plan
Melody Cleaners Site
2050 Hempstead Turnpike, East Meadow, New York
VCP Site Code # 347-1

Legend
scale: 1" = 200'
proposed permanent multi-level monitoring well

APPENDIX A:

SOIL PROBE LOGS

Final Supplemental Investigation Report

Soil Probe Logs (Page 1 of 4)*Melody Cleaners Site**VCP Code 347-1*

Soil Probe Log			Code: SP-3
Site Location	2050 Hempstead Turnpike	Installer:	Impact Environmental
Site Code:	NYSDEC-VCP 347-1	Installation Method:	Geoprobe 5400
Client:	Lowden Family Trust	Installation Date:	17-Jun-03
Location Description:	Melody Cleaners Building	Geologist:	Kevin Kleaka

Depth BEG (ft.)	Gradation	Color	PID Reading (ppm)
0'-2'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 3/2 Dark Brown	65
2'-4'	Silty sand	Hue 7.5 YR 6/4 Light Brown	65.0
4'-6'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 6/4 Light Brown	0.6
6'-8'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 6/4 Light Brown	1.5
8'-10'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 6/4 Light Brown	0.3
10'-12'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 6/4 Light Brown	4.7

Soil Probe Logs (Page 2 of 4)*Melody Cleaners Site**VCP Code 347-1*

Soil Probe Log			Code: SP-4
Site Location	2050 Hempstead Turnpike	Installer:	Impact Environmental
Site Code:	NYSDEC-VCP 347-1	Installation Method:	Geoprobe 5400
Client:	Lowden Family Trust	Installation Date:	17-Jun-03
Location Description:	Melody Cleaners Building	Geologist:	Kevin Kleaka

Depth BEG (ft.)	Gradation	Color	PID Reading (ppm)
0'-2'	Silty sand	Hue 7.5 YR 3/2 Dark Brown	197
2'-4'	Silty sand and fine gravel	Hue 7.5 YR 4/3 Brown	15.2
4'-5'	Well-graded (GW) medium sand	Hue 5 YR 4/4 Reddish Brown	5.1
5'-7'	Silty clay	Hue 7.5 YR 4/3 Brown	33.6
7'-8'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 6/4 Light Brown	0.0
8'-9'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 4/3 Brown	40.7
9'-10'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 6/4 Light Brown	0.0
10'-12'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 4/3 Brown	16.1
12'-14'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 6/4 Light Brown	2.4

Soil Probe Logs (Page 3 of 4)*Melody Cleaners Site**VCP Code 347-1*

Soil Probe Log			Code: SP-5
Site Location	2050 Hempstead Turnpike	Installer:	Impact Environmental
Site Code:	NYSDEC-VCP 347-1	Installation Method:	Geoprobe 5400
Client:	Lowden Family Trust	Installation Date:	17-Jun-03
Location Description:	Melody Cleaners Building	Geologist:	Kevin Kleaka

Depth BEG (ft.)	Gradation	Color	PID Reading (ppm)
0'-2'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 3/2 Dark Brown	40.2
2'-4'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 4/3 Brown	2.6
4'-6'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 6/4 Light Brown	1.1
6'-8'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 6/4 Light Brown	1.6
8'-10'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 4/3 Brown	0.0
10'-12'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 4/3 Brown	0.0

Soil Probe Logs (Page 4 of 4)*Melody Cleaners Site**VCP Code 347-1*

Soil Probe Log			Code: SP-6
Site Location	2050 Hempstead Turnpike	Installer:	Impact Environmental
Site Code:	NYSDEC-VCP 347-1	Installation Method:	Geoprobe 5400
Client:	Lowden Family Trust	Installation Date:	17-Jun-03
Location Description:	Melody Cleaners Building	Geologist:	Kevin Kleaka

Depth BEG (ft.)	Gradation	Color	PID Reading (ppm)
0'-2'	Silty sand and fine gravel	Hue 7.5 YR 3/2 Dark Brown	0.0
2'-4'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 4/3 Brown	3.7
4'-6'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 6/4 Light Brown	0.0
6'-8'	Well-graded (GW) medium sand (No.10-40) and fine gravel	Hue 7.5 YR 6/4 Light Brown	0.0

APPENDIX B:

ELAP CERTIFIED LABORATORY ANALYSIS REPORT Final Supplemental Investigation Report



284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MELODY CLEANERS DRY WELLS

IMPACT ENVIRONMENTAL
1 VILLAGE PLAZA
KINGS PARK, NY 11754
6312698800

CHEMTECH PROJECT NO.
ATTENTION:

R2855
Kevin Kleaka

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-01

Client ID: 347-SP-3 12

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062406.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Vol: 6.2 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 2

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 58	U	410	58	ug/Kg
Chloromethane	74-87-3	< 42	U	410	42	ug/Kg
Vinyl chloride	75-01-4	< 65	U	410	65	ug/Kg
Bromomethane	74-83-9	< 32	U	410	32	ug/Kg
Chloroethane	75-00-3	< 200	U	410	200	ug/Kg
Trichlorofluoromethane	75-69-4	< 60	U	410	60	ug/Kg
tert-Butyl Alcohol	75-65-0	< 330	U	2100	330	ug/Kg
1,1-Dichloroethene	75-35-4	< 57	U	410	57	ug/Kg
Acrolein	107-02-8	< 400	U	2100	400	ug/Kg
Acrylonitrile	107-13-1	< 290	U	2100	290	ug/Kg
Acetone	67-64-1	< 290	U	410	290	ug/Kg
Carbon disulfide	75-15-0	< 60	U	410	60	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 87	U	410	87	ug/Kg
Methylene Chloride	75-09-2	< 150	U	410	150	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 67	U	410	67	ug/Kg
Vinyl Acetate	108-05-4	< 220	U	2100	220	ug/Kg
1,1-Dichloroethane	75-34-3	< 55	U	410	55	ug/Kg
2-Butanone	78-93-3	< 190	U	410	190	ug/Kg
Carbon Tetrachloride	56-23-5	< 39	U	410	39	ug/Kg
2,2-Dichloropropane	594-20-7	< 52	U	410	52	ug/Kg
cis-1,2-Dichloroethene	156-59-2	< 51	U	410	51	ug/Kg
Bromochloromethane	74-97-5	< 210	U	410	210	ug/Kg
Chloroform	67-66-3	< 51	U	410	51	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 62	U	410	62	ug/Kg
1,1-Dichloropropene	563-43-2	< 250	U	410	250	ug/Kg
Benzene	71-43-2	< 58	U	410	58	ug/Kg
1,2-Dichloroethane	107-06-2	< 47	U	410	47	ug/Kg
Trichloroethene	79-01-6	< 59	U	410	59	ug/Kg
1,2-Dichloropropane	78-87-5	< 60	U	410	60	ug/Kg
Dibromomethane	74-95-3	< 50	U	410	50	ug/Kg
Bromodichloromethane	75-27-4	< 61	U	410	61	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 67	U	410	67	ug/Kg
Toluene	108-88-3	< 59	U	410	59	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 55	U	410	55	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-01

Client ID: 347-SP-3 12

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062406.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 6.2 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 2

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 55	U	410	55	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 52	U	410	52	ug/Kg
1,3-Dichloropropane	142-28-9	< 47	U	410	47	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 180	U	410	180	ug/Kg
2-Hexanone	591-78-6	< 50	U	410	50	ug/Kg
Dibromochloromethane	124-48-1	< 54	U	410	54	ug/Kg
1,2-Dibromoethane	106-93-4	< 52	U	410	52	ug/Kg
Tetrachloroethene	127-18-4	< 58	U	410	58	ug/Kg
Chlorobenzene	108-90-7	< 65	U	410	65	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 53	U	410	53	ug/Kg
Ethyl Benzene	100-41-4	< 63	U	410	63	ug/Kg
m&p-Xylenes	136777-61-2	< 130	U	830	130	ug/Kg
o-Xylene	95-47-6	< 60	U	410	60	ug/Kg
Styrene	100-42-5	< 76	U	410	76	ug/Kg
Bromoform	75-25-2	< 41	U	410	41	ug/Kg
Isopropylbenzene	98-82-8	< 62	U	410	62	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 58	U	410	58	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 85	U	410	85	ug/Kg
Bromobenzene	108-86-1	< 50	U	410	50	ug/Kg
n-propylbenzene	103-61-5	< 66	U	410	66	ug/Kg
2-Chlorotoluene	95-49-8	< 70	U	410	70	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 80	U	410	80	ug/Kg
4-Chlorotoluene	106-43-4	< 85	U	410	85	ug/Kg
tert-Butylbenzene	98-06-6	< 78	U	410	78	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 68	U	410	68	ug/Kg
Sec-butylbenzene	135-98-8	< 80	U	410	80	ug/Kg
p-Isopropyltoluene	99-87-6	< 90	U	410	90	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 61	U	410	61	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 77	U	410	77	ug/Kg
n-Butylbenzene	104-51-8	< 100	U	410	100	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 73	U	410	73	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 76	U	410	76	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 110	U	410	110	ug/Kg
Hexachlorobutadiene	87-68-3	< 78	U	410	78	ug/Kg
Naphthalene	91-20-3	< 75	U	410	75	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-01

Client ID: 347-SP-3 12

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062406.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 6.2 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 2

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,5-Trichlorobenzene	87-61-6	< 87	0	410	87	ug/Kg

SURROGATES

1,2-Dichloroethane-d4	17060-07-0	46.58	93 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	48.7	97 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	50.06	100 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	49.54	99 %	58 - 154		SPK: 50

INTERNAL STANDARDS

Pentafluorobenzene	363-72-4	363508	4.49			
1,4-Difluorobenzene	540-36-3	545639	5.13			
Chlorobenzene-d5	3114-55-4	492592	7.55			
1,4-Dichlorobenzene-d4	3855-82-1	285480	9.02			

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-02

Client ID: 347-SP-4 2

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062407.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Vol: 5.3 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 12

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 76	U	540	76	ug/Kg
Chloromethane	74-87-3	< 55	U	540	55	ug/Kg
Vinyl chloride	75-01-4	< 85	U	540	85	ug/Kg
Bromomethane	74-83-9	< 41	U	540	41	ug/Kg
Chloroethane	75-00-3	< 260	U	540	260	ug/Kg
Trichlorofluoromethane	75-69-4	< 78	U	540	78	ug/Kg
tert-Butyl Alcohol	75-65-0	< 430	U	2700	430	ug/Kg
1,1-Dichloroethene	75-35-4	< 74	U	540	74	ug/Kg
Acrolein	107-02-8	< 520	U	2700	520	ug/Kg
Acrylonitrile	107-13-1	< 380	U	2700	380	ug/Kg
Acetone	67-64-1	< 380	U	540	380	ug/Kg
Carbon disulfide	75-15-0	< 77	U	540	77	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 110	U	540	110	ug/Kg
Methylene Chloride	75-09-2	< 190	U	540	190	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 87	U	540	87	ug/Kg
Vinyl Acetate	108-05-4	< 280	U	2700	280	ug/Kg
1,1-Dichloroethane	75-34-3	< 71	U	540	71	ug/Kg
2-Butanone	78-93-3	< 250	U	540	250	ug/Kg
Carbon Tetrachloride	56-23-5	< 50	U	540	50	ug/Kg
2,2-Dichloropropane	594-20-7	< 67	U	540	67	ug/Kg
cis-1,2-Dichloroethene	156-59-2	< 66	U	540	66	ug/Kg
Bromochloromethane	74-97-5	< 270	U	540	270	ug/Kg
Chloroform	67-66-3	< 66	U	540	66	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 81	U	540	81	ug/Kg
1,1-Dichloropropene	563-43-2	< 320	U	540	320	ug/Kg
Benzene	71-43-2	< 76	U	540	76	ug/Kg
1,2-Dichloroethane	107-06-2	< 61	U	540	61	ug/Kg
Trichloroethene	79-01-6	240	J	540	77	ug/Kg
1,2-Dichloropropane	78-87-5	< 78	U	540	78	ug/Kg
Dibromomethane	74-95-3	< 65	U	540	65	ug/Kg
Bromodichloromethane	75-27-4	< 79	U	540	79	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 87	U	540	87	ug/Kg
Toluene	108-88-3	< 76	U	540	76	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 71	U	540	71	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-02

Client ID: 347-SP-4 2

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062407.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.3 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 12

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 71	U	540	71	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 67	U	540	67	ug/Kg
1,3-Dichloropropane	142-28-9	< 61	U	540	61	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 230	U	540	230	ug/Kg
2-Hexanone	591-78-6	< 64	U	540	64	ug/Kg
Dibromochloromethane	124-48-1	< 70	U	540	70	ug/Kg
1,2-Dibromoethane	106-93-4	< 68	U	540	68	ug/Kg
Tetrachloroethene	127-18-4	48000	E	540	75	ug/Kg
Chlorobenzene	108-90-7	< 84	U	540	84	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 69	U	540	69	ug/Kg
Ethyl Benzene	100-41-4	< 81	U	540	81	ug/Kg
m&p-Xylenes	136777-61-2	< 160	U	1100	160	ug/Kg
o-Xylene	95-47-6	< 77	U	540	77	ug/Kg
Styrene	100-42-5	< 99	U	540	99	ug/Kg
Bromoform	75-25-2	< 53	U	540	53	ug/Kg
Isopropylbenzene	98-82-8	< 80	U	540	80	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 76	U	540	76	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 110	U	540	110	ug/Kg
Bromobenzene	108-86-1	< 65	U	540	65	ug/Kg
n-propylbenzene	103-61-5	< 85	U	540	85	ug/Kg
2-Chlorotoluene	95-49-8	< 91	U	540	91	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 100	U	540	100	ug/Kg
4-Chlorotoluene	106-43-4	< 110	U	540	110	ug/Kg
tert-Butylbenzene	98-06-6	< 100	U	540	100	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 89	U	540	89	ug/Kg
Sec-butylbenzene	135-98-8	< 100	U	540	100	ug/Kg
p-Isopropyltoluene	99-87-6	< 120	U	540	120	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 79	U	540	79	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 100	U	540	100	ug/Kg
n-Butylbenzene	104-51-8	< 130	U	540	130	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 95	U	540	95	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 98	U	540	98	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 140	U	540	140	ug/Kg
Hexachlorobutadiene	87-68-3	< 100	U	540	100	ug/Kg
Naphthalene	91-20-3	< 97	U	540	97	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-02

Client ID: 347-SP-4 2

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062407.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.3 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 12

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 110	U	540	110	ug/Kg

SURROGATES

1,2-Dichloroethane-d4	17060-07-0	46.55	93 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	48.45	97 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	50.04	100 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	47.92	96 %	58 - 154		SPK: 50

INTERNAL STANDARDS

Pentafluorobenzene	363-72-4	363537	4.49			
1,4-Difluorobenzene	540-36-3	547797	5.13			
Chlorobenzene-d5	3114-55-4	485140	7.56			
1,4-Dichlorobenzene-d4	3855-82-1	283059	9.04			

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-02DL

Client ID: 347-SP-4 2DL

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/25/03

Matrix: SOIL

File ID: VK062443.D

Analytical Run ID: VK061303

Dilution: 10

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M2

Sample Wt/Wol: 5.3 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 12

Parameter	CAS Number	Concentration	C	RDL	MDL	Units

TARGETS

Dichlorodifluoromethane	75-71-8	< 760	UD	5400	760	ug/Kg
Chloromethane	74-87-3	< 550	UD	5400	550	ug/Kg
Vinyl chloride	75-01-4	< 850	UD	5400	850	ug/Kg
Bromomethane	74-83-9	< 410	UD	5400	410	ug/Kg
Chloroethane	75-00-3	< 2600	UD	5400	2600	ug/Kg
Trichlorofluoromethane	75-69-4	< 780	UD	5400	780	ug/Kg
tert-Butyl Alcohol	75-65-0	< 4300	UD	27000	4300	ug/Kg
1,1-Dichloroethene	75-35-4	< 740	UD	5400	740	ug/Kg
Acrolein	107-02-8	< 5200	UD	27000	5200	ug/Kg
Acrylonitrile	107-13-1	< 3800	UD	27000	3800	ug/Kg
Acetone	67-64-1	< 3800	UD	5400	3800	ug/Kg
Carbon disulfide	75-15-0	< 770	UD	5400	770	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 1100	UD	5400	1100	ug/Kg
Methylene Chloride	75-09-2	< 1900	UD	5400	1900	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 870	UD	5400	870	ug/Kg
Vinyl Acetate	108-05-4	< 2800	UD	27000	2800	ug/Kg
1,1-Dichloroethane	75-34-3	< 710	UD	5400	710	ug/Kg
2-Butanone	78-93-3	< 2500	UD	5400	2500	ug/Kg
Carbon Tetrachloride	56-23-5	< 500	UD	5400	500	ug/Kg
2,2-Dichloropropane	594-20-7	< 670	UD	5400	670	ug/Kg
cis-1,2-Dichloroethene	156-59-2	< 660	UD	5400	660	ug/Kg
Bromochloromethane	74-97-5	< 2700	UD	5400	2700	ug/Kg
Chloroform	67-66-3	< 660	UD	5400	660	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 810	UD	5400	810	ug/Kg
1,1-Dichloropropene	563-43-2	< 3200	UD	5400	3200	ug/Kg
Benzene	71-43-2	< 760	UD	5400	760	ug/Kg
1,2-Dichloroethane	107-06-2	< 610	UD	5400	610	ug/Kg
Trichloroethene	79-01-6	< 770	UD	5400	770	ug/Kg
1,2-Dichloropropane	78-87-5	< 780	UD	5400	780	ug/Kg
Dibromomethane	74-95-3	< 650	UD	5400	650	ug/Kg
Bromodichloromethane	75-27-4	< 790	UD	5400	790	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 870	UD	5400	870	ug/Kg
Toluene	108-88-3	< 760	UD	5400	760	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 710	UD	5400	710	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-02DL

Client ID: 347-SP-4 2DL

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/25/03

Matrix: SOIL

File ID: VK062443.D

Analytical Run ID: VK061303

Dilution: 10

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M2

Sample Wt/Wol: 5.3 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 12

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 710	UD	5400	710	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 670	UD	5400	670	ug/Kg
1,3-Dichloropropane	142-28-9	< 610	UD	5400	610	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 2300	UD	5400	2300	ug/Kg
2-Hexanone	591-78-6	< 640	UD	5400	640	ug/Kg
Dibromochloromethane	124-48-1	< 700	UD	5400	700	ug/Kg
1,2-Dibromoethane	106-93-4	< 680	UD	5400	680	ug/Kg
Tetrachloroethene	127-18-4	46000	D	5400	750	ug/Kg
Chlorobenzene	108-90-7	< 840	UD	5400	840	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 690	UD	5400	690	ug/Kg
Ethyl Benzene	100-41-4	< 810	UD	5400	810	ug/Kg
m&p-Xylenes	136777-61-2	< 1600	UD	11000	1600	ug/Kg
o-Xylene	95-47-6	< 770	UD	5400	770	ug/Kg
Styrene	100-42-5	< 990	UD	5400	990	ug/Kg
Bromoform	75-25-2	< 530	UD	5400	530	ug/Kg
Isopropylbenzene	98-82-8	< 800	UD	5400	800	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 760	UD	5400	760	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 1100	UD	5400	1100	ug/Kg
Bromobenzene	108-86-1	< 650	UD	5400	650	ug/Kg
n-propylbenzene	103-61-5	< 850	UD	5400	850	ug/Kg
2-Chlorotoluene	95-49-8	< 910	UD	5400	910	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 1000	UD	5400	1000	ug/Kg
4-Chlorotoluene	106-43-4	< 1100	UD	5400	1100	ug/Kg
tert-Butylbenzene	98-06-6	< 1000	UD	5400	1000	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 890	UD	5400	890	ug/Kg
Sec-butylbenzene	135-98-8	< 1000	UD	5400	1000	ug/Kg
p-Isopropyltoluene	99-87-6	< 1200	UD	5400	1200	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 790	UD	5400	790	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 1000	UD	5400	1000	ug/Kg
n-Butylbenzene	104-51-8	< 1300	UD	5400	1300	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 950	UD	5400	950	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 980	UD	5400	980	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 1400	UD	5400	1400	ug/Kg
Hexachlorobutadiene	87-68-3	< 1000	UD	5400	1000	ug/Kg
Naphthalene	91-20-3	< 970	UD	5400	970	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-02DL

Client ID: 347-SP-4 2DL

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/25/03

Matrix: SOIL

File ID: VK062443.D

Analytical Run ID: VK061303

Dilution: 10

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M2

Sample Wt/Wol: 5.3 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 12

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 1100	UD	5400	1100	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	496.4	99 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	474.1	95 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	487.7	98 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	480.6	96 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	431986	4.50			
1,4-Difluorobenzene	540-36-3	726184	5.13			
Chlorobenzene-d5	3114-55-4	682613	7.56			
1,4-Dichlorobenzene-d4	3855-82-1	349577	8.99			

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-03

Client ID: 347-SP-4 14

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062408.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.3 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 1

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 67	U	480	67	ug/Kg
Chloromethane	74-87-3	< 49	U	480	49	ug/Kg
Vinyl chloride	75-01-4	< 75	U	480	75	ug/Kg
Bromomethane	74-83-9	< 37	U	480	37	ug/Kg
Chloroethane	75-00-3	< 230	U	480	230	ug/Kg
Trichlorofluoromethane	75-69-4	< 70	U	480	70	ug/Kg
tert-Butyl Alcohol	75-65-0	< 380	U	2400	380	ug/Kg
1,1-Dichloroethene	75-35-4	< 66	U	480	66	ug/Kg
Acrolein	107-02-8	< 460	U	2400	460	ug/Kg
Acrylonitrile	107-13-1	< 340	U	2400	340	ug/Kg
Acetone	67-64-1	< 340	U	480	340	ug/Kg
Carbon disulfide	75-15-0	< 69	U	480	69	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 100	U	480	100	ug/Kg
Methylene Chloride	75-09-2	< 170	U	480	170	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 77	U	480	77	ug/Kg
Vinyl Acetate	108-05-4	< 250	U	2400	250	ug/Kg
1,1-Dichloroethane	75-34-3	< 63	U	480	63	ug/Kg
2-Butanone	78-93-3	< 220	U	480	220	ug/Kg
Carbon Tetrachloride	56-23-5	< 45	U	480	45	ug/Kg
2,2-Dichloropropane	594-20-7	< 60	U	480	60	ug/Kg
cis-1,2-Dichloroethene	156-59-2	< 59	U	480	59	ug/Kg
Bromochloromethane	74-97-5	< 240	U	480	240	ug/Kg
Chloroform	67-66-3	< 59	U	480	59	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 72	U	480	72	ug/Kg
1,1-Dichloropropene	563-43-2	< 290	U	480	290	ug/Kg
Benzene	71-43-2	< 67	U	480	67	ug/Kg
1,2-Dichloroethane	107-06-2	< 54	U	480	54	ug/Kg
Trichloroethene	79-01-6	< 68	U	480	68	ug/Kg
1,2-Dichloropropane	78-87-5	< 69	U	480	69	ug/Kg
Dibromomethane	74-95-3	< 58	U	480	58	ug/Kg
Bromodichloromethane	75-27-4	< 70	U	480	70	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 77	U	480	77	ug/Kg
Toluene	108-88-3	< 68	U	480	68	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 63	U	480	63	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-03

Client ID: 347-SP-4 14

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062408.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.3 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 1

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 65	U	480	65	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 60	U	480	60	ug/Kg
1,3-Dichloropropane	142-28-9	< 54	U	480	54	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 210	U	480	210	ug/Kg
2-Hexanone	591-78-6	< 57	U	480	57	ug/Kg
Dibromochloromethane	124-48-1	< 63	U	480	63	ug/Kg
1,2-Dibromoethane	106-93-4	< 60	U	480	60	ug/Kg
Tetrachloroethene	127-18-4	< 67	U	480	67	ug/Kg
Chlorobenzene	108-90-7	< 75	U	480	75	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 61	U	480	61	ug/Kg
Ethyl Benzene	100-41-4	< 72	U	480	72	ug/Kg
m&p-Xylenes	136777-61-2	< 150	U	950	150	ug/Kg
o-Xylene	95-47-6	< 69	U	480	69	ug/Kg
Styrene	100-42-5	< 88	U	480	88	ug/Kg
Bromoform	75-25-2	< 47	U	480	47	ug/Kg
Isopropylbenzene	98-82-8	< 71	U	480	71	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 67	U	480	67	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 98	U	480	98	ug/Kg
Bromobenzene	108-86-1	< 58	U	480	58	ug/Kg
n-propylbenzene	103-61-5	< 76	U	480	76	ug/Kg
2-Chlorotoluene	95-49-8	< 81	U	480	81	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 92	U	480	92	ug/Kg
4-Chlorotoluene	106-43-4	< 97	U	480	97	ug/Kg
tert-Butylbenzene	98-06-6	< 89	U	480	89	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 79	U	480	79	ug/Kg
Sec-butylbenzene	135-98-8	< 92	U	480	92	ug/Kg
p-Isopropyltoluene	99-87-6	< 100	U	480	100	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 70	U	480	70	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 89	U	480	89	ug/Kg
n-Butylbenzene	104-51-8	< 120	U	480	120	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 84	U	480	84	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 87	U	480	87	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 120	U	480	120	ug/Kg
Hexachlorobutadiene	87-68-3	< 90	U	480	90	ug/Kg
Naphthalene	91-20-3	< 86	U	480	86	ug/Kg

Chemtech Consulting Group

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID:	R2855-03	Client ID:	347-SP-4 14
Date Collected:	6/17/03	Date Received:	6/19/03
Date Analyzed:	6/24/03	Matrix:	SOIL
File ID:	VK062408.D	Analytical Run ID:	VK061303
Dilution:	1	Instrument ID:	MSVOAK
Analytical Method:	8260	Associated Blank:	VBK0624M1
Sample Wt/Wol:	5.3	Soil Extract Vol:	10000
Soil Aliquot Vol:	100	% Moisture:	1

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 100	U	480	100	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	48.18	96 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	47.35	95 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	50.25	101 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	48.76	98 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	355402	4.49			
1,4-Difluorobenzene	540-36-3	542786	5.13			
Chlorobenzene-d5	3114-55-4	485178	7.55			
1,4-Dichlorobenzene-d4	3855-82-1	280888	9.02			

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-04

Client ID: 347-SP-5 2

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062409.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 10

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 71	U	500	71	ug/Kg
Chloromethane	74-87-3	< 51	U	500	51	ug/Kg
Vinyl chloride	75-01-4	< 80	U	500	80	ug/Kg
Bromomethane	74-83-9	< 39	U	500	39	ug/Kg
Chloroethane	75-00-3	< 240	U	500	240	ug/Kg
Trichlorofluoromethane	75-69-4	< 73	U	500	73	ug/Kg
tert-Butyl Alcohol	75-65-0	< 410	U	2500	410	ug/Kg
1,1-Dichloroethene	75-35-4	< 70	U	500	70	ug/Kg
Acrolein	107-02-8	< 490	U	2500	490	ug/Kg
Acrylonitrile	107-13-1	< 350	U	2500	350	ug/Kg
Acetone	67-64-1	< 360	U	500	360	ug/Kg
Carbon disulfide	75-15-0	< 73	U	500	73	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 110	U	500	110	ug/Kg
Methylene Chloride	75-09-2	< 180	U	500	180	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 82	U	500	82	ug/Kg
Vinyl Acetate	108-05-4	< 260	U	2500	260	ug/Kg
1,1-Dichloroethane	75-34-3	< 66	U	500	66	ug/Kg
2-Butanone	78-93-3	< 230	U	500	230	ug/Kg
Carbon Tetrachloride	56-23-5	< 47	U	500	47	ug/Kg
2,2-Dichloropropane	594-20-7	< 63	U	500	63	ug/Kg
cis-1,2-Dichloroethene	156-59-2	< 62	U	500	62	ug/Kg
Bromochloromethane	74-97-5	< 250	U	500	250	ug/Kg
Chloroform	67-66-3	< 62	U	500	62	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 76	U	500	76	ug/Kg
1,1-Dichloropropene	563-43-2	< 300	U	500	300	ug/Kg
Benzene	71-43-2	< 71	U	500	71	ug/Kg
1,2-Dichloroethane	107-06-2	< 57	U	500	57	ug/Kg
Trichloroethene	79-01-6	< 72	U	500	72	ug/Kg
1,2-Dichloropropane	78-87-5	< 73	U	500	73	ug/Kg
Dibromomethane	74-95-3	< 61	U	500	61	ug/Kg
Bromodichloromethane	75-27-4	< 74	U	500	74	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 81	U	500	81	ug/Kg
Toluene	108-88-3	< 72	U	500	72	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 66	U	500	66	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-04

Client ID: 347-SP-5 2

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062409.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 10

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 67	U	500	67	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 63	U	500	63	ug/Kg
1,3-Dichloropropane	142-28-9	< 57	U	500	57	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 220	U	500	220	ug/Kg
2-Hexanone	591-78-6	< 60	U	500	60	ug/Kg
Dibromochloromethane	124-48-1	< 66	U	500	66	ug/Kg
1,2-Dibromoethane	106-93-4	< 63	U	500	63	ug/Kg
Tetrachloroethene	127-18-4	9000		500	71	ug/Kg
Chlorobenzene	108-90-7	< 79	U	500	79	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 64	U	500	64	ug/Kg
Ethyl Benzene	100-41-4	< 76	U	500	76	ug/Kg
m&p-Xylenes	136777-61-2	< 150	U	1000	150	ug/Kg
o-Xylene	95-47-6	< 73	U	500	73	ug/Kg
Styrene	100-42-5	< 93	U	500	93	ug/Kg
Bromoform	75-25-2	< 50	U	500	50	ug/Kg
Isopropylbenzene	98-82-8	< 75	U	500	75	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 71	U	500	71	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 100	U	500	100	ug/Kg
Bromobenzene	108-86-1	< 61	U	500	61	ug/Kg
n-propylbenzene	103-61-5	< 80	U	500	80	ug/Kg
2-Chlorotoluene	95-49-8	< 85	U	500	85	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 98	U	500	98	ug/Kg
4-Chlorotoluene	106-43-4	< 100	U	500	100	ug/Kg
tert-Butylbenzene	98-06-6	< 94	U	500	94	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 83	U	500	83	ug/Kg
Sec-butylbenzene	135-98-8	< 97	U	500	97	ug/Kg
p-Isopropyltoluene	99-87-6	< 110	U	500	110	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 74	U	500	74	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 94	U	500	94	ug/Kg
n-Butylbenzene	104-51-8	< 120	U	500	120	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 89	U	500	89	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 92	U	500	92	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 130	U	500	130	ug/Kg
Hexachlorobutadiene	87-68-3	< 95	U	500	95	ug/Kg
Naphthalene	91-20-3	< 91	U	500	91	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID:	R2855-04	Client ID:	347-SP-5 2
Date Collected:	6/17/03	Date Received:	6/19/03
Date Analyzed:	6/24/03	Matrix:	SOIL
File ID:	VK062409.D	Analytical Run ID:	VK061303
Dilution:	1	Instrument ID:	MSVOAK
Analytical Method:	8260	Associated Blank:	VBK0624M1
Sample Wt/Wol:	5.5	Soil Extract Vol:	10000
Soil Aliquot Vol:	100	% Moisture:	10

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 110	U	500	110	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	46.8	94 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	48.34	97 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	50.36	101 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	49.38	99 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	355038	4.49			
1,4-Difluorobenzene	540-36-3	537853	5.12			
Chlorobenzene-d5	3114-55-4	483014	7.55			
1,4-Dichlorobenzene-d4	3855-82-1	283300	9.02			

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-05

Client ID: 347-SP-5 12

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062413.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.1 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 1

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 70	U	500	70	ug/Kg
Chloromethane	74-87-3	< 51	U	500	51	ug/Kg
Vinyl chloride	75-01-4	< 78	U	500	78	ug/Kg
Bromomethane	74-83-9	< 38	U	500	38	ug/Kg
Chloroethane	75-00-3	< 240	U	500	240	ug/Kg
Trichlorofluoromethane	75-69-4	< 72	U	500	72	ug/Kg
tert-Butyl Alcohol	75-65-0	< 400	U	2500	400	ug/Kg
1,1-Dichloroethene	75-35-4	< 68	U	500	68	ug/Kg
Acrolein	107-02-8	< 480	U	2500	480	ug/Kg
Acrylonitrile	107-13-1	< 350	U	2500	350	ug/Kg
Acetone	67-64-1	< 350	U	500	350	ug/Kg
Carbon disulfide	75-15-0	< 71	U	500	71	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 100	U	500	100	ug/Kg
Methylene Chloride	75-09-2	< 170	U	500	170	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 80	U	500	80	ug/Kg
Vinyl Acetate	108-05-4	< 260	U	2500	260	ug/Kg
1,1-Dichloroethane	75-34-3	< 65	U	500	65	ug/Kg
2-Butanone	78-93-3	< 230	U	500	230	ug/Kg
Carbon Tetrachloride	56-23-5	< 46	U	500	46	ug/Kg
2,2-Dichloropropane	594-20-7	< 62	U	500	62	ug/Kg
cis-1,2-Dichloroethene	156-59-2	< 61	U	500	61	ug/Kg
Bromochloromethane	74-97-5	< 250	U	500	250	ug/Kg
Chloroform	67-66-3	< 61	U	500	61	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 74	U	500	74	ug/Kg
1,1-Dichloropropene	563-43-2	< 300	U	500	300	ug/Kg
Benzene	71-43-2	< 70	U	500	70	ug/Kg
1,2-Dichloroethane	107-06-2	< 56	U	500	56	ug/Kg
Trichloroethene	79-01-6	< 71	U	500	71	ug/Kg
1,2-Dichloropropane	78-87-5	< 72	U	500	72	ug/Kg
Dibromomethane	74-95-3	< 60	U	500	60	ug/Kg
Bromodichloromethane	75-27-4	< 72	U	500	72	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 80	U	500	80	ug/Kg
Toluene	108-88-3	< 70	U	500	70	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 65	U	500	65	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-05

Client ID: 347-SP-5 12

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062413.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.1 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 1

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 66	U	500	66	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 62	U	500	62	ug/Kg
1,3-Dichloropropane	142-28-9	< 56	U	500	56	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 210	U	500	210	ug/Kg
2-Hexanone	591-78-6	< 59	U	500	59	ug/Kg
Dibromochloromethane	124-48-1	< 65	U	500	65	ug/Kg
1,2-Dibromoethane	106-93-4	< 62	U	500	62	ug/Kg
Tetrachloroethene	127-18-4	< 70	U	500	70	ug/Kg
Chlorobenzene	108-90-7	< 78	U	500	78	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 63	U	500	63	ug/Kg
Ethyl Benzene	100-41-4	< 75	U	500	75	ug/Kg
m&p-Xylenes	136777-61-2	< 150	U	990	150	ug/Kg
o-Xylene	95-47-6	< 71	U	500	71	ug/Kg
Styrene	100-42-5	< 91	U	500	91	ug/Kg
Bromoform	75-25-2	< 49	U	500	49	ug/Kg
Isopropylbenzene	98-82-8	< 74	U	500	74	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 70	U	500	70	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 100	U	500	100	ug/Kg
Bromobenzene	108-86-1	< 60	U	500	60	ug/Kg
n-propylbenzene	103-61-5	< 79	U	500	79	ug/Kg
2-Chlorotoluene	95-49-8	< 84	U	500	84	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 96	U	500	96	ug/Kg
4-Chlorotoluene	106-43-4	< 100	U	500	100	ug/Kg
tert-Butylbenzene	98-06-6	< 93	U	500	93	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 82	U	500	82	ug/Kg
Sec-butylbenzene	135-98-8	< 95	U	500	95	ug/Kg
p-Isopropyltoluene	99-87-6	< 110	U	500	110	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 73	U	500	73	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 92	U	500	92	ug/Kg
n-Butylbenzene	104-51-8	< 120	U	500	120	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 87	U	500	87	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 91	U	500	91	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 130	U	500	130	ug/Kg
Hexachlorobutadiene	87-68-3	< 93	U	500	93	ug/Kg
Naphthalene	91-20-3	< 90	U	500	90	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-05

Client ID: 347-SP-5 12

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062413.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.1 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 1

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 100	0	500	100	ug/kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	46.7	93 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	49.55	99 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	49.93	100 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	50.02	100 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	362821	4.49			
1,4-Difluorobenzene	540-36-3	529996	5.12			
Chlorobenzene-d5	3114-55-4	481132	7.55			
1,4-Dichlorobenzene-d4	3855-82-1	284861	8.98			

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-06

Client ID: 347-SP-6 4

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062414.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 9

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 71	U	500	71	ug/Kg
Chloromethane	74-87-3	< 51	U	500	51	ug/Kg
Vinyl chloride	75-01-4	< 79	U	500	79	ug/Kg
Bromomethane	74-83-9	< 39	U	500	39	ug/Kg
Chloroethane	75-00-3	< 240	U	500	240	ug/Kg
Trichlorofluoromethane	75-69-4	< 73	U	500	73	ug/Kg
tert-Butyl Alcohol	75-65-0	< 400	U	2500	400	ug/Kg
1,1-Dichloroethene	75-35-4	< 69	U	500	69	ug/Kg
Acrolein	107-02-8	< 490	U	2500	490	ug/Kg
Acrylonitrile	107-13-1	< 350	U	2500	350	ug/Kg
Acetone	67-64-1	< 350	U	500	350	ug/Kg
Carbon disulfide	75-15-0	< 72	U	500	72	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 110	U	500	110	ug/Kg
Methylene Chloride	75-09-2	< 180	U	500	180	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 82	U	500	82	ug/Kg
Vinyl Acetate	108-05-4	< 260	U	2500	260	ug/Kg
1,1-Dichloroethane	75-34-3	< 66	U	500	66	ug/Kg
2-Butanone	78-93-3	< 230	U	500	230	ug/Kg
Carbon Tetrachloride	56-23-5	< 47	U	500	47	ug/Kg
2,2-Dichloropropane	594-20-7	< 63	U	500	63	ug/Kg
cis-1,2-Dichloroethene	156-59-2	< 62	U	500	62	ug/Kg
Bromochloromethane	74-97-5	< 250	U	500	250	ug/Kg
Chloroform	67-66-3	< 62	U	500	62	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 76	U	500	76	ug/Kg
1,1-Dichloropropene	563-43-2	< 300	U	500	300	ug/Kg
Benzene	71-43-2	< 71	U	500	71	ug/Kg
1,2-Dichloroethane	107-06-2	< 57	U	500	57	ug/Kg
Trichloroethene	79-01-6	< 72	U	500	72	ug/Kg
1,2-Dichloropropane	78-87-5	< 73	U	500	73	ug/Kg
Dibromomethane	74-95-3	< 61	U	500	61	ug/Kg
Bromodichloromethane	75-27-4	< 74	U	500	74	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 81	U	500	81	ug/Kg
Toluene	108-88-3	< 71	U	500	71	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 66	U	500	66	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-06

Client ID: 347-SP-6 4

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062414.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 9

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 67	U	500	67	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 63	U	500	63	ug/Kg
1,3-Dichloropropane	142-28-9	< 57	U	500	57	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 220	U	500	220	ug/Kg
2-Hexanone	591-78-6	< 60	U	500	60	ug/Kg
Dibromochloromethane	124-48-1	< 66	U	500	66	ug/Kg
1,2-Dibromoethane	106-93-4	< 63	U	500	63	ug/Kg
Tetrachloroethene	127-18-4	110	J	500	71	ug/Kg
Chlorobenzene	108-90-7	< 79	U	500	79	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 64	U	500	64	ug/Kg
Ethyl Benzene	100-41-4	< 76	U	500	76	ug/Kg
m&p-Xylenes	136777-61-2	< 150	U	1000	150	ug/Kg
o-Xylene	95-47-6	< 72	U	500	72	ug/Kg
Styrene	100-42-5	< 93	U	500	93	ug/Kg
Bromoform	75-25-2	< 50	U	500	50	ug/Kg
Isopropylbenzene	98-82-8	< 75	U	500	75	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 71	U	500	71	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 100	U	500	100	ug/Kg
Bromobenzene	108-86-1	< 61	U	500	61	ug/Kg
n-propylbenzene	103-61-5	< 80	U	500	80	ug/Kg
2-Chlorotoluene	95-49-8	< 85	U	500	85	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 97	U	500	97	ug/Kg
4-Chlorotoluene	106-43-4	< 100	U	500	100	ug/Kg
tert-Butylbenzene	98-06-6	< 94	U	500	94	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 83	U	500	83	ug/Kg
Sec-butylbenzene	135-98-8	< 97	U	500	97	ug/Kg
p-Isopropyltoluene	99-87-6	< 110	U	500	110	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 74	U	500	74	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 93	U	500	93	ug/Kg
n-Butylbenzene	104-51-8	< 120	U	500	120	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 89	U	500	89	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 92	U	500	92	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 130	U	500	130	ug/Kg
Hexachlorobutadiene	87-68-3	< 94	U	500	94	ug/Kg
Naphthalene	91-20-3	< 91	U	500	91	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-06

Client ID: 347-SP-6 4

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062414.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624MI

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 9

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-trichlorobenzene	87-61-6	< 110	0	500	110	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	45.64	91 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	48.85	98 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	50.14	100 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	49.44	99 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	356098	4.49			
1,4-Difluorobenzene	540-36-3	536997	5.12			
Chlorobenzene-d5	3114-55-4	475997	7.55			
1,4-Dichlorobenzene-d4	3855-82-1	282527	8.97			

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-07

Client ID: 347-SP-6 8

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062415.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.3 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 3

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 69	U	490	69	ug/Kg
Chloromethane	74-87-3	< 50	U	490	50	ug/Kg
Vinyl chloride	75-01-4	< 77	U	490	77	ug/Kg
Bromomethane	74-83-9	< 38	U	490	38	ug/Kg
Chloroethane	75-00-3	< 240	U	490	240	ug/Kg
Trichlorofluoromethane	75-69-4	< 71	U	490	71	ug/Kg
tert-Butyl Alcohol	75-65-0	< 390	U	2400	390	ug/Kg
1,1-Dichloroethene	75-35-4	< 68	U	490	68	ug/Kg
Acrolein	107-02-8	< 480	U	2400	480	ug/Kg
Acrylonitrile	107-13-1	< 340	U	2400	340	ug/Kg
Acetone	67-64-1	< 350	U	490	350	ug/Kg
Carbon disulfide	75-15-0	< 71	U	490	71	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 100	U	490	100	ug/Kg
Methylene Chloride	75-09-2	< 170	U	490	170	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 79	U	490	79	ug/Kg
Vinyl Acetate	108-05-4	< 260	U	2400	260	ug/Kg
1,1-Dichloroethane	75-34-3	< 64	U	490	64	ug/Kg
2-Butanone	78-93-3	< 230	U	490	230	ug/Kg
Carbon Tetrachloride	56-23-5	< 46	U	490	46	ug/Kg
2,2-Dichloropropane	594-20-7	< 61	U	490	61	ug/Kg
cis-1,2-Dichloroethene	156-59-2	< 60	U	490	60	ug/Kg
Bromochloromethane	74-97-5	< 240	U	490	240	ug/Kg
Chloroform	67-66-3	< 60	U	490	60	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 74	U	490	74	ug/Kg
1,1-Dichloropropene	563-43-2	< 290	U	490	290	ug/Kg
Benzene	71-43-2	< 69	U	490	69	ug/Kg
1,2-Dichloroethane	107-06-2	< 55	U	490	55	ug/Kg
Trichloroethene	79-01-6	< 70	U	490	70	ug/Kg
1,2-Dichloropropane	78-87-5	< 71	U	490	71	ug/Kg
Dibromomethane	74-95-3	< 59	U	490	59	ug/Kg
Bromodichloromethane	75-27-4	< 72	U	490	72	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 79	U	490	79	ug/Kg
Toluene	108-88-3	< 70	U	490	70	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 65	U	490	65	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-07

Client ID: 347-SP-6 8

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062415.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.3 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 3

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 65	U	490	65	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 61	U	490	61	ug/Kg
1,3-Dichloropropane	142-28-9	< 56	U	490	56	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 210	U	490	210	ug/Kg
2-Hexanone	591-78-6	< 59	U	490	59	ug/Kg
Dibromochloromethane	124-48-1	< 64	U	490	64	ug/Kg
1,2-Dibromoethane	106-93-4	< 62	U	490	62	ug/Kg
Tetrachloroethene	127-18-4	< 69	U	490	69	ug/Kg
Chlorobenzene	108-90-7	< 77	U	490	77	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 63	U	490	63	ug/Kg
Ethyl Benzene	100-41-4	< 74	U	490	74	ug/Kg
m&p-Xylenes	136777-61-2	< 150	U	980	150	ug/Kg
o-Xylene	95-47-6	< 71	U	490	71	ug/Kg
Styrene	100-42-5	< 90	U	490	90	ug/Kg
Bromoform	75-25-2	< 48	U	490	48	ug/Kg
Isopropylbenzene	98-82-8	< 73	U	490	73	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 69	U	490	69	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 100	U	490	100	ug/Kg
Bromobenzene	108-86-1	< 59	U	490	59	ug/Kg
n-propylbenzene	103-61-5	< 78	U	490	78	ug/Kg
2-Chlorotoluene	95-49-8	< 83	U	490	83	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 95	U	490	95	ug/Kg
4-Chlorotoluene	106-43-4	< 100	U	490	100	ug/Kg
tert-Butylbenzene	98-06-6	< 92	U	490	92	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 81	U	490	81	ug/Kg
Sec-butylbenzene	135-98-8	< 94	U	490	94	ug/Kg
p-Isopropyltoluene	99-87-6	< 110	U	490	110	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 72	U	490	72	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 91	U	490	91	ug/Kg
n-Butylbenzene	104-51-8	< 120	U	490	120	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 86	U	490	86	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 90	U	490	90	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 130	U	490	130	ug/Kg
Hexachlorobutadiene	87-68-3	< 92	U	490	92	ug/Kg
Naphthalene	91-20-3	< 89	U	490	89	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-07

Client ID: 347-SP-6 8

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062415.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.3 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 3

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 100	U	490	100	ug/kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	46.83	94 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	48.39	97 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	49.93	100 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	49.41	99 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	357831	4.49			
1,4-Difluorobenzene	540-36-3	540552	5.13			
Chlorobenzene-d5	3114-55-4	477475	7.55			
1,4-Dichlorobenzene-d4	3855-82-1	282922	8.99			

Hit Summary Report

SDG No.: R2911

Order ID: R2911

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WELL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-UIW-11 10							
R2911-02	347-UIW-11 10	SOIL	Tetrachloroethene	3300		490	69	ug/Kg
			Total VOC's:	3300.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	3300.00				
Client ID:	347-UIW-12 12							
R2911-03	347-UIW-12 12	SOIL	Naphthalene	2700	J	8800	1600	ug/Kg
			Total VOC's:	2700.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	2700.00				
Client ID:	347-UIW-5 15							
R2911-01	347-UIW-5 15	SOIL	cis-1,2-Dichloroethene	23000		9700	1200	ug/Kg
R2911-01	347-UIW-5 15	SOIL	Trichloroethene	12000		9700	1400	ug/Kg
R2911-01	347-UIW-5 15	SOIL	Tetrachloroethene	110000		9700	1400	ug/Kg
R2911-01	347-UIW-5 15	SOIL	1,2,4-Trimethylbenzene	4100	J	9700	1600	ug/Kg
R2911-01	347-UIW-5 15	SOIL	1,4-Dichlorobenzene	3500	J	9700	1800	ug/Kg
R2911-01	347-UIW-5 15	SOIL	1,2-Dichlorobenzene	3700	J	9700	1700	ug/Kg
R2911-01	347-UIW-5 15	SOIL	Naphthalene	9000	J	9700	1800	ug/Kg
R2911-01	347-UIW-5 15	SOIL	Undecane	* 12000	J	0	0	ug/Kg
			Total VOC's:	165300.00				
			Total TIC's:	12000.00				
			Total VOC's and TIC's:	177300.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: R2855

Order ID: R2855

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-SP-4 2							
R2855-02	347-SP-4 2	SOIL	Trichloroethene	240	J	540	77	ug/Kg
			Total VOC's:	240.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	240.00				
Client ID:	347-SP-4 2DL							
R2855-02DL	347-SP-4 2DL	SOIL	Tetrachloroethene	46000	D	5400	750	ug/Kg
			Total VOC's:	46000.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	46000.00				
Client ID:	347-SP-5 2							
R2855-04	347-SP-5 2	SOIL	Tetrachloroethene	9000		500	71	ug/Kg
			Total VOC's:	9000.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	9000.00				
Client ID:	347-SP-6 4							
R2855-06	347-SP-6 4	SOIL	Tetrachloroethene	110	J	500	71	ug/Kg
			Total VOC's:	110.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	110.00				
Client ID:	347-UIW-10 16							
R2855-13	347-UIW-10 16	SOIL	Decane	* 9800	J			ug/Kg
R2855-13	347-UIW-10 16	SOIL	cis-1,2-Dichloroethene	72000		6600	810	ug/Kg
R2855-13	347-UIW-10 16	SOIL	1,3,5-Trimethylbenzene	1400	J	6600	1300	ug/Kg
R2855-13	347-UIW-10 16	SOIL	1,2,4-Trimethylbenzene	3500	J	6600	1100	ug/Kg
R2855-13	347-UIW-10 16	SOIL	1,3-Dichlorobenzene	23000		6600	970	ug/Kg
R2855-13	347-UIW-10 16	SOIL	1,4-Dichlorobenzene	37000		6600	1200	ug/Kg
R2855-13	347-UIW-10 16	SOIL	1,2-Dichlorobenzene	95000		6600	1200	ug/Kg
R2855-13	347-UIW-10 16	SOIL	1,2,4-Trichlorobenzene	43000		6600	1700	ug/Kg
R2855-13	347-UIW-10 16	SOIL	Naphthalene	4500	J	6600	1200	ug/Kg
R2855-13	347-UIW-10 16	SOIL	1,2,3-Trichlorobenzene	14000		6600	1400	ug/Kg
R2855-13	347-UIW-10 16	SOIL	Undecane	* 7800	J			ug/Kg
			Total VOC's:	293400.00				
			Total TIC's:	17600.00				
			Total VOC's and TIC's:	311000.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: R2855

Order ID: R2855

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-UIW-4 15							
R2855-08	347-UIW-4 15	SOIL	cis-1,2-Dichloroethene	38000		11000	1400	ug/Kg
R2855-08	347-UIW-4 15	SOIL	Trichloroethene	10000	J	11000	1600	ug/Kg
R2855-08	347-UIW-4 15	SOIL	Tetrachloroethene	5000	J	11000	1600	ug/Kg
R2855-08	347-UIW-4 15	SOIL	1,2,4-Trimethylbenzene	2900	J	11000	1900	ug/Kg
R2855-08	347-UIW-4 15	SOIL	1,4-Dichlorobenzene	3300	J	11000	2100	ug/Kg
R2855-08	347-UIW-4 15	SOIL	1,2-Dichlorobenzene	3300	J	11000	2000	ug/Kg
R2855-08	347-UIW-4 15	SOIL	Naphthalene	6000	J	11000	2000	ug/Kg
R2855-08	347-UIW-4 15	SOIL	Decane	* 19000	J	0	0	ug/Kg
R2855-08	347-UIW-4 15	SOIL	Tridecane	* 15000	J	0	0	ug/Kg
		Total VOC's:		68500.00				
		Total TIC's:		34000.00				
		Total VOC's and TIC's:		102500.00				
Client ID:	347-UIW-6 16.5							
R2855-09	347-UIW-6 16.5	SOIL	Carbon disulfide	3100	J	11000	1600	ug/Kg
R2855-09	347-UIW-6 16.5	SOIL	cis-1,2-Dichloroethene	30000		11000	1300	ug/Kg
R2855-09	347-UIW-6 16.5	SOIL	Trichloroethene	8200	J	11000	1600	ug/Kg
R2855-09	347-UIW-6 16.5	SOIL	Toluene	2500	J	11000	1500	ug/Kg
R2855-09	347-UIW-6 16.5	SOIL	Tetrachloroethene	7200	J	11000	1500	ug/Kg
R2855-09	347-UIW-6 16.5	SOIL	1,2,4-Trimethylbenzene	4400	J	11000	1800	ug/Kg
R2855-09	347-UIW-6 16.5	SOIL	1,4-Dichlorobenzene	3100	J	11000	2000	ug/Kg
R2855-09	347-UIW-6 16.5	SOIL	Naphthalene	3700	J	11000	2000	ug/Kg
R2855-09	347-UIW-6 16.5	SOIL	Decane	* 14000	J	0	0	ug/Kg
		Total VOC's:		62200.00				
		Total TIC's:		14000.00				
		Total VOC's and TIC's:		76200.00				
Client ID:	347-UIW-7 18							
R2855-10	347-UIW-7 18	SOIL	cis-1,2-Dichloroethene	6200	J	8500	1100	ug/Kg
R2855-10	347-UIW-7 18	SOIL	Trichloroethene	10000		8500	1200	ug/Kg
R2855-10	347-UIW-7 18	SOIL	Tetrachloroethene	77000		8500	1200	ug/Kg
R2855-10	347-UIW-7 18	SOIL	1,4-Dichlorobenzene	2800	J	8500	1600	ug/Kg
		Total VOC's:		96000.00				
		Total TIC's:		0.00				
		Total VOC's and TIC's:		96000.00				

Hit Summary Report

SDG No.: R2855

Order ID: R2855

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-UIW-8 15							
R2855-11	347-UIW-8 15	SOIL	Carbon disulfide	5000	J	9000	1300	ug/Kg
R2855-11	347-UIW-8 15	SOIL	cis-1,2-Dichloroethene	63000		9000	1100	ug/Kg
R2855-11	347-UIW-8 15	SOIL	Trichloroethene	12000		9000	1300	ug/Kg
R2855-11	347-UIW-8 15	SOIL	Toluene	9000		9000	1300	ug/Kg
R2855-11	347-UIW-8 15	SOIL	Tetrachloroethene	50000		9000	1300	ug/Kg
R2855-11	347-UIW-8 15	SOIL	1,3,5-Trimethylbenzene	2100	J	9000	1700	ug/Kg
R2855-11	347-UIW-8 15	SOIL	1,2,4-Trimethylbenzene	5300	J	9000	1500	ug/Kg
R2855-11	347-UIW-8 15	SOIL	1,4-Dichlorobenzene	2800	J	9000	1700	ug/Kg
R2855-11	347-UIW-8 15	SOIL	Naphthalene	6100	J	9000	1600	ug/Kg
R2855-11	347-UIW-8 15	SOIL	Decane	* 25000	J	0	0	ug/Kg
R2855-11	347-UIW-8 15	SOIL	Decane, 4-methyl-	* 10000	J	0	0	ug/Kg
R2855-11	347-UIW-8 15	SOIL	Cyclohexane, butyl-	* 11000	J	0	0	ug/Kg
R2855-11	347-UIW-8 15	SOIL	Hexane, 2,2,5,5-tetramethyl-	* 11000	J	0	0	ug/Kg
R2855-11	347-UIW-8 15	SOIL	Tridecane	* 16000	J	0	0	ug/Kg
R2855-11	347-UIW-8 15	SOIL	Unknown	* 9400	J	0	0	ug/Kg
Total VOC's:				155300.00				
Total TIC's:				82400.00				
Total VOC's and TIC's:				237700.00				
Client ID:	347-UIW-9 15							
R2855-12	347-UIW-9 15	SOIL	cis-1,2-Dichloroethene	10000		9700	1200	ug/Kg
R2855-12	347-UIW-9 15	SOIL	Trichloroethene	3800	J	9700	1400	ug/Kg
R2855-12	347-UIW-9 15	SOIL	Tetrachloroethene	16000		9700	1400	ug/Kg
R2855-12	347-UIW-9 15	SOIL	1-Octanol, 2-butyl-	* 11000	J	0	0	ug/Kg
Total VOC's:				29800.00				
Total TIC's:				11000.00				
Total VOC's and TIC's:				40800.00				



284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MELODY CLEANERS DRY WELLS

IMPACT ENVIRONMENTAL
1 VILLAGE PLAZA
KINGS PARK, NY 11754
6312698800

CHEMTECH PROJECT NO.
ATTENTION:

R2911
Kevin Kleaka

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-08

Client ID: 347-UIW-4 15

Date Collected: 6/16/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062705.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.4 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 59

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 1600	U	11000	1600	ug/Kg
Chloromethane	74-87-3	< 1200	U	11000	1200	ug/Kg
Vinyl chloride	75-01-4	< 1800	U	11000	1800	ug/Kg
Bromomethane	74-83-9	< 870	U	11000	870	ug/Kg
Chloroethane	75-00-3	< 5500	U	11000	5500	ug/Kg
Trichlorofluoromethane	75-69-4	< 1600	U	11000	1600	ug/Kg
tert-Butyl Alcohol	75-65-0	< 9100	U	57000	9100	ug/Kg
1,1-Dichloroethene	75-35-4	< 1600	U	11000	1600	ug/Kg
Acrolein	107-02-8	< 11000	U	57000	11000	ug/Kg
Acrylonitrile	107-13-1	< 8000	U	57000	8000	ug/Kg
Acetone	67-64-1	< 8000	U	11000	8000	ug/Kg
Carbon disulfide	75-15-0	< 1600	U	11000	1600	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 2400	U	11000	2400	ug/Kg
Methylene Chloride	75-09-2	< 4000	U	11000	4000	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 1800	U	11000	1800	ug/Kg
Vinyl Acetate	108-05-4	< 5900	U	57000	5900	ug/Kg
1,1-Dichloroethane	75-34-3	< 1500	U	11000	1500	ug/Kg
2-Butanone	78-93-3	< 5200	U	11000	5200	ug/Kg
Carbon Tetrachloride	56-23-5	< 1100	U	11000	1100	ug/Kg
2,2-Dichloropropane	594-20-7	< 1400	U	11000	1400	ug/Kg
cis-1,2-Dichloroethene	156-59-2	38000		11000	1400	ug/Kg
Bromochloromethane	74-97-5	< 5600	U	11000	5600	ug/Kg
Chloroform	67-66-3	< 1400	U	11000	1400	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 1700	U	11000	1700	ug/Kg
1,1-Dichloropropene	563-43-2	< 6800	U	11000	6800	ug/Kg
Benzene	71-43-2	< 1600	U	11000	1600	ug/Kg
1,2-Dichloroethane	107-06-2	< 1300	U	11000	1300	ug/Kg
Trichloroethene	79-01-6	10000	J	11000	1600	ug/Kg
1,2-Dichloropropane	78-87-5	< 1600	U	11000	1600	ug/Kg
Dibromomethane	74-95-3	< 1400	U	11000	1400	ug/Kg
Bromodichloromethane	75-27-4	< 1700	U	11000	1700	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 1800	U	11000	1800	ug/Kg
Toluene	108-88-3	< 1600	U	11000	1600	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 1500	U	11000	1500	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-08

Client ID: 347-UIW-4 15

Date Collected: 6/16/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062705.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.4 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 59

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 1500	U	11000	1500	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 1400	U	11000	1400	ug/Kg
1,3-Dichloropropane	142-28-9	< 1300	U	11000	1300	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 4900	U	11000	4900	ug/Kg
2-Hexanone	591-78-6	< 1400	U	11000	1400	ug/Kg
Dibromochloromethane	124-48-1	< 1500	U	11000	1500	ug/Kg
1,2-Dibromoethane	106-93-4	< 1400	U	11000	1400	ug/Kg
Tetrachloroethene	127-18-4	5000	J	11000	1600	ug/Kg
Chlorobenzene	108-90-7	< 1800	U	11000	1800	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 1400	U	11000	1400	ug/Kg
Ethyl Benzene	100-41-4	< 1700	U	11000	1700	ug/Kg
m&p-Xylenes	136777-61-2	< 3500	U	23000	3500	ug/Kg
o-Xylene	95-47-6	< 1600	U	11000	1600	ug/Kg
Styrene	100-42-5	< 2100	U	11000	2100	ug/Kg
Bromoform	75-25-2	< 1100	U	11000	1100	ug/Kg
Isopropylbenzene	98-82-8	< 1700	U	11000	1700	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 1600	U	11000	1600	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 2300	U	11000	2300	ug/Kg
Bromobenzene	108-86-1	< 1400	U	11000	1400	ug/Kg
n-propylbenzene	103-61-5	< 1800	U	11000	1800	ug/Kg
2-Chlorotoluene	95-49-8	< 1900	U	11000	1900	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 2200	U	11000	2200	ug/Kg
4-Chlorotoluene	106-43-4	< 2300	U	11000	2300	ug/Kg
tert-Butylbenzene	98-06-6	< 2100	U	11000	2100	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	2900	J	11000	1900	ug/Kg
Sec-butylbenzene	135-98-8	< 2200	U	11000	2200	ug/Kg
p-Isopropyltoluene	99-87-6	< 2500	U	11000	2500	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 1700	U	11000	1700	ug/Kg
1,4-Dichlorobenzene	106-46-7	3300	J	11000	2100	ug/Kg
n-Butylbenzene	104-51-8	< 2800	U	11000	2800	ug/Kg
1,2-Dichlorobenzene	95-50-1	3300	J	11000	2000	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 2100	U	11000	2100	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 2900	U	11000	2900	ug/Kg
Hexachlorobutadiene	87-68-3	< 2100	U	11000	2100	ug/Kg
Naphthalene	91-20-3	6000	J	11000	2000	ug/Kg

Chemtech Consulting Group

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-08

Client ID: 347-UIW-4 15

Date Collected: 6/16/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062705.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.4 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 59

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 2400	U	11000	2400	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	348.1	70 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	376.9	75 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	452.6	91 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	429.3	86 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1021451	9.62			
1,4-Difluorobenzene	540-36-3	1452562	12.20			
Chlorobenzene-d5	3114-55-4	1391655	20.45			
1,4-Dichlorobenzene-d4	3855-82-1	746353	26.37			
TENTATIVE IDENTIFIED COMPOUNDS						
Decane	124185	19000	J	24.69		ug/Kg
Tridecane	629505	15000	J	27.68		ug/Kg

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-01

Client ID: 347-UIW-5 15

Date Collected: 6/18/03

Date Received: 6/20/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062711.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 53

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 1400	U	9700	1400	ug/Kg
Chloromethane	74-87-3	< 990	U	9700	990	ug/Kg
Vinyl chloride	75-01-4	< 1500	U	9700	1500	ug/Kg
Bromomethane	74-83-9	< 740	U	9700	740	ug/Kg
Chloroethane	75-00-3	< 4700	U	9700	4700	ug/Kg
Trichlorofluoromethane	75-69-4	< 1400	U	9700	1400	ug/Kg
tert-Butyl Alcohol	75-65-0	< 7800	U	48000	7800	ug/Kg
1,1-Dichloroethene	75-35-4	< 1300	U	9700	1300	ug/Kg
Acrolein	107-02-8	< 9400	U	48000	9400	ug/Kg
Acrylonitrile	107-13-1	< 6800	U	48000	6800	ug/Kg
Acetone	67-64-1	< 6800	U	9700	6800	ug/Kg
Carbon disulfide	75-15-0	< 1400	U	9700	1400	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 2000	U	9700	2000	ug/Kg
Methylene Chloride	75-09-2	< 3400	U	9700	3400	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 1600	U	9700	1600	ug/Kg
Vinyl Acetate	108-05-4	< 5100	U	48000	5100	ug/Kg
1,1-Dichloroethane	75-34-3	< 1300	U	9700	1300	ug/Kg
2-Butanone	78-93-3	< 4500	U	9700	4500	ug/Kg
Carbon Tetrachloride	56-23-5	< 910	U	9700	910	ug/Kg
2,2-Dichloropropane	594-20-7	< 1200	U	9700	1200	ug/Kg
cis-1,2-Dichloroethene	156-59-2	23000		9700	1200	ug/Kg
Bromochloromethane	74-97-5	< 4800	U	9700	4800	ug/Kg
Chloroform	67-66-3	< 1200	U	9700	1200	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 1500	U	9700	1500	ug/Kg
1,1-Dichloropropene	563-43-2	< 5800	U	9700	5800	ug/Kg
Benzene	71-43-2	< 1400	U	9700	1400	ug/Kg
1,2-Dichloroethane	107-06-2	< 1100	U	9700	1100	ug/Kg
Trichloroethene	79-01-6	12000		9700	1400	ug/Kg
1,2-Dichloropropane	78-87-5	< 1400	U	9700	1400	ug/Kg
Dibromomethane	74-95-3	< 1200	U	9700	1200	ug/Kg
Bromodichloromethane	75-27-4	< 1400	U	9700	1400	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 1600	U	9700	1600	ug/Kg
Toluene	108-88-3	< 1400	U	9700	1400	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 1300	U	9700	1300	ug/Kg

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-01

Client ID: 347-UIW-5 15

Date Collected: 6/18/03

Date Received: 6/20/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062711.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 53

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 1300	U	9700	1300	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 1200	U	9700	1200	ug/Kg
1,3-Dichloropropane	142-28-9	< 1100	U	9700	1100	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 4200	U	9700	4200	ug/Kg
2-Hexanone	591-78-6	< 1200	U	9700	1200	ug/Kg
Dibromochloromethane	124-48-1	< 1300	U	9700	1300	ug/Kg
1,2-Dibromoethane	106-93-4	< 1200	U	9700	1200	ug/Kg
Tetrachloroethene	127-18-4	110000		9700	1400	ug/Kg
Chlorobenzene	108-90-7	< 1500	U	9700	1500	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 1200	U	9700	1200	ug/Kg
Ethyl Benzene	100-41-4	< 1500	U	9700	1500	ug/Kg
m&p-Xylenes	136777-61-2	< 3000	U	19000	3000	ug/Kg
o-Xylene	95-47-6	< 1400	U	9700	1400	ug/Kg
Styrene	100-42-5	< 1800	U	9700	1800	ug/Kg
Bromoform	75-25-2	< 950	U	9700	950	ug/Kg
Isopropylbenzene	98-82-8	< 1400	U	9700	1400	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 1400	U	9700	1400	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 2000	U	9700	2000	ug/Kg
Bromobenzene	108-86-1	< 1200	U	9700	1200	ug/Kg
n-propylbenzene	103-61-5	< 1500	U	9700	1500	ug/Kg
2-Chlorotoluene	95-49-8	< 1600	U	9700	1600	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 1900	U	9700	1900	ug/Kg
4-Chlorotoluene	106-43-4	< 2000	U	9700	2000	ug/Kg
tert-Butylbenzene	98-06-6	< 1800	U	9700	1800	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	4100	J	9700	1600	ug/Kg
Sec-butylbenzene	135-98-8	< 1900	U	9700	1900	ug/Kg
p-Isopropyltoluene	99-87-6	< 2100	U	9700	2100	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 1400	U	9700	1400	ug/Kg
1,4-Dichlorobenzene	106-46-7	3500	J	9700	1800	ug/Kg
n-Butylbenzene	104-51-8	< 2400	U	9700	2400	ug/Kg
1,2-Dichlorobenzene	95-50-1	3700	J	9700	1700	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 1800	U	9700	1800	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 2500	U	9700	2500	ug/Kg
Hexachlorobutadiene	87-68-3	< 1800	U	9700	1800	ug/Kg
Naphthalene	91-20-3	9000	J	9700	1800	ug/Kg

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-01

Client ID: 347-UIW-5 15

Date Collected: 6/18/03

Date Received: 6/20/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062711.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 53

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 2000	U	9700	2000	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	396.9	79 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	441.9	88 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	544	109 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	500.1	100 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1245724	9.59			
1,4-Difluorobenzene	540-36-3	1778618	12.16			
Chlorobenzene-d5	3114-55-4	1609614	20.45			
1,4-Dichlorobenzene-d4	3855-82-1	892573	26.37			
TENTATIVE IDENTIFIED COMPOUNDS						
Undecane	1120214	12000	J	27.67		ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-09

Client ID: 347-UIW-6 16.5

Date Collected: 6/16/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062706.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.0 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 54

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 1500	U	11000	1500	ug/Kg
Chloromethane	74-87-3	< 1100	U	11000	1100	ug/Kg
Vinyl chloride	75-01-4	< 1700	U	11000	1700	ug/Kg
Bromomethane	74-83-9	< 830	U	11000	830	ug/Kg
Chloroethane	75-00-3	< 5300	U	11000	5300	ug/Kg
Trichlorofluoromethane	75-69-4	< 1600	U	11000	1600	ug/Kg
tert-Butyl Alcohol	75-65-0	< 8700	U	54000	8700	ug/Kg
1,1-Dichloroethene	75-35-4	< 1500	U	11000	1500	ug/Kg
Acrolein	107-02-8	< 11000	U	54000	11000	ug/Kg
Acrylonitrile	107-13-1	< 7600	U	54000	7600	ug/Kg
Acetone	67-64-1	< 7700	U	11000	7700	ug/Kg
Carbon disulfide	75-15-0	3100	J	11000	1600	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 2300	U	11000	2300	ug/Kg
Methylene Chloride	75-09-2	< 3800	U	11000	3800	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 1800	U	11000	1800	ug/Kg
Vinyl Acetate	108-05-4	< 5700	U	54000	5700	ug/Kg
1,1-Dichloroethane	75-34-3	< 1400	U	11000	1400	ug/Kg
2-Butanone	78-93-3	< 5000	U	11000	5000	ug/Kg
Carbon Tetrachloride	56-23-5	< 1000	U	11000	1000	ug/Kg
2,2-Dichloropropane	594-20-7	< 1400	U	11000	1400	ug/Kg
cis-1,2-Dichloroethene	156-59-2	30000		11000	1300	ug/Kg
Bromochloromethane	74-97-5	< 5400	U	11000	5400	ug/Kg
Chloroform	67-66-3	< 1300	U	11000	1300	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 1600	U	11000	1600	ug/Kg
1,1-Dichloropropene	563-43-2	< 6500	U	11000	6500	ug/Kg
Benzene	71-43-2	< 1500	U	11000	1500	ug/Kg
1,2-Dichloroethane	107-06-2	< 1200	U	11000	1200	ug/Kg
Trichloroethene	79-01-6	8200	J	11000	1600	ug/Kg
1,2-Dichloropropane	78-87-5	< 1600	U	11000	1600	ug/Kg
Dibromomethane	74-95-3	< 1300	U	11000	1300	ug/Kg
Bromodichloromethane	75-27-4	< 1600	U	11000	1600	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 1800	U	11000	1800	ug/Kg
Toluene	108-88-3	2500	J	11000	1500	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 1400	U	11000	1400	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-09

Client ID: 347-UIW-6 16.5

Date Collected: 6/16/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062706.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.0 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 54

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 1400	U	11000	1400	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 1400	U	11000	1400	ug/Kg
1,3-Dichloropropane	142-28-9	< 1200	U	11000	1200	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 4700	U	11000	4700	ug/Kg
2-Hexanone	591-78-6	< 1300	U	11000	1300	ug/Kg
Dibromochloromethane	124-48-1	< 1400	U	11000	1400	ug/Kg
1,2-Dibromoethane	106-93-4	< 1400	U	11000	1400	ug/Kg
Tetrachloroethene	127-18-4	7200	J	11000	1500	ug/Kg
Chlorobenzene	108-90-7	< 1700	U	11000	1700	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 1400	U	11000	1400	ug/Kg
Ethyl Benzene	100-41-4	< 1600	U	11000	1600	ug/Kg
m&p-Xylenes	136777-61-2	< 3300	U	22000	3300	ug/Kg
o-Xylene	95-47-6	< 1600	U	11000	1600	ug/Kg
Styrene	100-42-5	< 2000	U	11000	2000	ug/Kg
Bromoform	75-25-2	< 1100	U	11000	1100	ug/Kg
Isopropylbenzene	98-82-8	< 1600	U	11000	1600	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 1500	U	11000	1500	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 2200	U	11000	2200	ug/Kg
Bromobenzene	108-86-1	< 1300	U	11000	1300	ug/Kg
n-propylbenzene	103-61-5	< 1700	U	11000	1700	ug/Kg
2-Chlorotoluene	95-49-8	< 1800	U	11000	1800	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 2100	U	11000	2100	ug/Kg
4-Chlorotoluene	106-43-4	< 2200	U	11000	2200	ug/Kg
tert-Butylbenzene	98-06-6	< 2000	U	11000	2000	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	4400	J	11000	1800	ug/Kg
Sec-butylbenzene	135-98-8	< 2100	U	11000	2100	ug/Kg
p-Isopropyltoluene	99-87-6	< 2400	U	11000	2400	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 1600	U	11000	1600	ug/Kg
1,4-Dichlorobenzene	106-46-7	3100	J	11000	2000	ug/Kg
n-Butylbenzene	104-51-8	< 2700	U	11000	2700	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 1900	U	11000	1900	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 2000	U	11000	2000	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 2800	U	11000	2800	ug/Kg
Hexachlorobutadiene	87-68-3	< 2000	U	11000	2000	ug/Kg
Naphthalene	91-20-3	3700	J	11000	2000	ug/Kg

Chemtech Consulting Group

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-09

Client ID: 347-UIW-6 16.5

Date Collected: 6/16/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062706.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.0 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 54

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 2500	U	11000	2500	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	457.7	92 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	471.1	94 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	566.8	113 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	487.7	98 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	871856	9.60			
1,4-Difluorobenzene	540-36-3	1286756	12.17			
Chlorobenzene-d5	3114-55-4	1216729	20.44			
1,4-Dichlorobenzene-d4	3855-82-1	530157	26.37			
TENTATIVE IDENTIFIED COMPOUNDS						
Decane	124185	14000	J	24.68		ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-10

Client ID: 347-UIW-7 18

Date Collected: 6/16/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062707.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.1 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 43

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 1200	U	8500	1200	ug/Kg
Chloromethane	74-87-3	< 870	U	8500	870	ug/Kg
Vinyl chloride	75-01-4	< 1300	U	8500	1300	ug/Kg
Bromomethane	74-83-9	< 650	U	8500	650	ug/Kg
Chloroethane	75-00-3	< 4100	U	8500	4100	ug/Kg
Trichlorofluoromethane	75-69-4	< 1200	U	8500	1200	ug/Kg
tert-Butyl Alcohol	75-65-0	< 6900	U	43000	6900	ug/Kg
1,1-Dichloroethene	75-35-4	< 1200	U	8500	1200	ug/Kg
Acrolein	107-02-8	< 8300	U	43000	8300	ug/Kg
Acrylonitrile	107-13-1	< 6000	U	43000	6000	ug/Kg
Acetone	67-64-1	< 6000	U	8500	6000	ug/Kg
Carbon disulfide	75-15-0	< 1200	U	8500	1200	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 1800	U	8500	1800	ug/Kg
Methylene Chloride	75-09-2	< 3000	U	8500	3000	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 1400	U	8500	1400	ug/Kg
Vinyl Acetate	108-05-4	< 4500	U	43000	4500	ug/Kg
1,1-Dichloroethane	75-34-3	< 1100	U	8500	1100	ug/Kg
2-Butanone	78-93-3	< 3900	U	8500	3900	ug/Kg
Carbon Tetrachloride	56-23-5	< 800	U	8500	800	ug/Kg
2,2-Dichloropropane	594-20-7	< 1100	U	8500	1100	ug/Kg
cis-1,2-Dichloroethene	156-59-2	6200	J	8500	1100	ug/Kg
Bromochloromethane	74-97-5	< 4200	U	8500	4200	ug/Kg
Chloroform	67-66-3	< 1000	U	8500	1000	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 1300	U	8500	1300	ug/Kg
1,1-Dichloropropene	563-43-2	< 5100	U	8500	5100	ug/Kg
Benzene	71-43-2	< 1200	U	8500	1200	ug/Kg
1,2-Dichloroethane	107-06-2	< 960	U	8500	960	ug/Kg
Trichloroethene	79-01-6	10000		8500	1200	ug/Kg
1,2-Dichloropropane	78-87-5	< 1200	U	8500	1200	ug/Kg
Dibromomethane	74-95-3	< 1000	U	8500	1000	ug/Kg
Bromodichloromethane	75-27-4	< 1200	U	8500	1200	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 1400	U	8500	1400	ug/Kg
Toluene	108-88-3	< 1200	U	8500	1200	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 1100	U	8500	1100	ug/Kg

Chemtech Consulting Group

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-10

Client ID: 347-UTW-7 18

Date Collected: 6/16/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062707.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627MI

Sample Wt/Wol: 5.1 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 43

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 1100	U	8500	1100	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 1100	U	8500	1100	ug/Kg
1,3-Dichloropropane	142-28-9	< 970	U	8500	970	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 3700	U	8500	3700	ug/Kg
2-Hexanone	591-78-6	< 1000	U	8500	1000	ug/Kg
Dibromochloromethane	124-48-1	< 1100	U	8500	1100	ug/Kg
1,2-Dibromoethane	106-93-4	< 1100	U	8500	1100	ug/Kg
Tetrachloroethene	127-18-4	77000		8500	1200	ug/Kg
Chlorobenzene	108-90-7	< 1300	U	8500	1300	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 1100	U	8500	1100	ug/Kg
Ethyl Benzene	100-41-4	< 1300	U	8500	1300	ug/Kg
m&p-Xylenes	136777-61-2	< 2600	U	17000	2600	ug/Kg
o-Xylene	95-47-6	< 1200	U	8500	1200	ug/Kg
Styrene	100-42-5	< 1600	U	8500	1600	ug/Kg
Bromoform	75-25-2	< 840	U	8500	840	ug/Kg
Isopropylbenzene	98-82-8	< 1300	U	8500	1300	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 1200	U	8500	1200	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 1800	U	8500	1800	ug/Kg
Bromobenzene	108-86-1	< 1000	U	8500	1000	ug/Kg
n-propylbenzene	103-61-5	< 1400	U	8500	1400	ug/Kg
2-Chlorotoluene	95-49-8	< 1400	U	8500	1400	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 1700	U	8500	1700	ug/Kg
4-Chlorotoluene	106-43-4	< 1700	U	8500	1700	ug/Kg
tert-Butylbenzene	98-06-6	< 1600	U	8500	1600	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 1400	U	8500	1400	ug/Kg
Sec-butylbenzene	135-98-8	< 1600	U	8500	1600	ug/Kg
p-Isopropyltoluene	99-87-6	< 1900	U	8500	1900	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 1300	U	8500	1300	ug/Kg
1,4-Dichlorobenzene	106-46-7	2800	J	8500	1600	ug/Kg
n-Butylbenzene	104-51-8	< 2100	U	8500	2100	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 1500	U	8500	1500	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 1600	U	8500	1600	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 2200	U	8500	2200	ug/Kg
Hexachlorobutadiene	87-68-3	< 1600	U	8500	1600	ug/Kg
Naphthalene	91-20-3	< 1500	U	8500	1500	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID:	R2855-10	Client ID:	347-UIW-7 18
Date Collected:	6/16/03	Date Received:	6/19/03
Date Analyzed:	6/27/03	Matrix:	SOIL
File ID:	VF062707.D	Analytical Run ID:	VF061303
Dilution:	10	Instrument ID:	MSVOAF
Analytical Method:	8260	Associated Blank:	VBF0627M1
Sample Wt/Wol:	5.1	Soil Extract Vol:	10000
Soil Aliquot Vol:	100	% Moisture:	43

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 1800	U	8500	1800	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	500.9	100 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	487.7	98 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	616	123 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	566.4	113 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	788275	9.60			
1,4-Difluorobenzene	540-36-3	1188638	12.17			
Chlorobenzene-d5	3114-55-4	1179247	20.44			
1,4-Dichlorobenzene-d4	3855-82-1	662887	26.37			

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-11

Client ID: 347-UTW-8 15

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062709.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 49

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 1300	U	9000	1300	ug/Kg
Chloromethane	74-87-3	< 910	U	9000	910	ug/Kg
Vinyl chloride	75-01-4	< 1400	U	9000	1400	ug/Kg
Bromomethane	74-83-9	< 690	U	9000	690	ug/Kg
Chloroethane	75-00-3	< 4300	U	9000	4300	ug/Kg
Trichlorofluoromethane	75-69-4	< 1300	U	9000	1300	ug/Kg
tert-Butyl Alcohol	75-65-0	< 7200	U	45000	7200	ug/Kg
1,1-Dichloroethene	75-35-4	< 1200	U	9000	1200	ug/Kg
Acrolein	107-02-8	< 8700	U	45000	8700	ug/Kg
Acrylonitrile	107-13-1	< 6300	U	45000	6300	ug/Kg
Acetone	67-64-1	< 6300	U	9000	6300	ug/Kg
Carbon disulfide	75-15-0	5000	J	9000	1300	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 1900	U	9000	1900	ug/Kg
Methylene Chloride	75-09-2	< 3100	U	9000	3100	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 1500	U	9000	1500	ug/Kg
Vinyl Acetate	108-05-4	< 4700	U	45000	4700	ug/Kg
1,1-Dichloroethane	75-34-3	< 1200	U	9000	1200	ug/Kg
2-Butanone	78-93-3	< 4100	U	9000	4100	ug/Kg
Carbon Tetrachloride	56-23-5	< 840	U	9000	840	ug/Kg
2,2-Dichloropropane	594-20-7	< 1100	U	9000	1100	ug/Kg
cis-1,2-Dichloroethene	156-59-2	63000		9000	1100	ug/Kg
Bromochloromethane	74-97-5	< 4500	U	9000	4500	ug/Kg
Chloroform	67-66-3	< 1100	U	9000	1100	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 1300	U	9000	1300	ug/Kg
1,1-Dichloropropene	563-43-2	< 5400	U	9000	5400	ug/Kg
Benzene	71-43-2	< 1300	U	9000	1300	ug/Kg
1,2-Dichloroethane	107-06-2	< 1000	U	9000	1000	ug/Kg
Trichloroethene	79-01-6	12000		9000	1300	ug/Kg
1,2-Dichloropropane	78-87-5	< 1300	U	9000	1300	ug/Kg
Dibromomethane	74-95-3	< 1100	U	9000	1100	ug/Kg
Bromodichloromethane	75-27-4	< 1300	U	9000	1300	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 1400	U	9000	1400	ug/Kg
Toluene	108-88-3	9000		9000	1300	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 1200	U	9000	1200	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-11

Client ID: 347-UIW-8 15

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062709.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 49

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 1200	U	9000	1200	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 1100	U	9000	1100	ug/Kg
1,3-Dichloropropane	142-28-9	< 1000	U	9000	1000	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 3800	U	9000	3800	ug/Kg
2-Hexanone	591-78-6	< 1100	U	9000	1100	ug/Kg
Dibromochloromethane	124-48-1	< 1200	U	9000	1200	ug/Kg
1,2-Dibromoethane	106-93-4	< 1100	U	9000	1100	ug/Kg
Tetrachloroethene	127-18-4	50000		9000	1300	ug/Kg
Chlorobenzene	108-90-7	< 1400	U	9000	1400	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 1100	U	9000	1100	ug/Kg
Ethyl Benzene	100-41-4	< 1400	U	9000	1400	ug/Kg
m&p-Xylenes	136777-61-2	< 2700	U	18000	2700	ug/Kg
o-Xylene	95-47-6	< 1300	U	9000	1300	ug/Kg
Styrene	100-42-5	< 1700	U	9000	1700	ug/Kg
Bromoform	75-25-2	< 880	U	9000	880	ug/Kg
Isopropylbenzene	98-82-8	< 1300	U	9000	1300	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 1300	U	9000	1300	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 1800	U	9000	1800	ug/Kg
Bromobenzene	108-86-1	< 1100	U	9000	1100	ug/Kg
n-propylbenzene	103-61-5	< 1400	U	9000	1400	ug/Kg
2-Chlorotoluene	95-49-8	< 1500	U	9000	1500	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	2100	J	9000	1700	ug/Kg
4-Chlorotoluene	106-43-4	< 1800	U	9000	1800	ug/Kg
tert-Butylbenzene	98-06-6	< 1700	U	9000	1700	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	5300	J	9000	1500	ug/Kg
Sec-butylbenzene	135-98-8	< 1700	U	9000	1700	ug/Kg
p-Isopropyltoluene	99-87-6	< 2000	U	9000	2000	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 1300	U	9000	1300	ug/Kg
1,4-Dichlorobenzene	106-46-7	2800	J	9000	1700	ug/Kg
n-Butylbenzene	104-51-8	< 2200	U	9000	2200	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 1600	U	9000	1600	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 1600	U	9000	1600	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 2300	U	9000	2300	ug/Kg
Hexachlorobutadiene	87-68-3	< 1700	U	9000	1700	ug/Kg
Naphthalene	91-20-3	6100	J	9000	1600	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-11

Client ID: 347-UIW-8 15

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062709.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 49

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 1900	U	9000	1900	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	590.6	118 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	490.1	98 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	668.7	134 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	632.5	127 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	639123	9.58			
1,4-Difluorobenzene	540-36-3	1035317	12.16			
Chlorobenzene-d5	3114-55-4	1083209	20.44			
1,4-Dichlorobenzene-d4	3855-82-1	586219	26.38			
TENTATIVE IDENTIFIED COMPOUNDS						
Decane	124185	25000	J	24.68		ug/Kg
Decane, 4-methyl-	2847725	10000	J	25.41		ug/Kg
Cyclohexane, butyl-	1678939	11000	J	25.98		ug/Kg
Hexane, 2,2,5,5-tetramethyl-	1071814	11000	J	26.56		ug/Kg
Tridecane	629505	16000	J	27.68		ug/Kg
Unknown	0	9400	J	31.90		ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-12

Client ID: 347-UIW-9 15

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062708.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 53

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 1400	U	9700	1400	ug/Kg
Chloromethane	74-87-3	< 990	U	9700	990	ug/Kg
Vinyl chloride	75-01-4	< 1500	U	9700	1500	ug/Kg
Bromomethane	74-83-9	< 740	U	9700	740	ug/Kg
Chloroethane	75-00-3	< 4700	U	9700	4700	ug/Kg
Trichlorofluoromethane	75-69-4	< 1400	U	9700	1400	ug/Kg
tert-Butyl Alcohol	75-65-0	< 7800	U	48000	7800	ug/Kg
1,1-Dichloroethene	75-35-4	< 1300	U	9700	1300	ug/Kg
Acrolein	107-02-8	< 9400	U	48000	9400	ug/Kg
Acrylonitrile	107-13-1	< 6800	U	48000	6800	ug/Kg
Acetone	67-64-1	< 6800	U	9700	6800	ug/Kg
Carbon disulfide	75-15-0	< 1400	U	9700	1400	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 2000	U	9700	2000	ug/Kg
Methylene Chloride	75-09-2	< 3400	U	9700	3400	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 1600	U	9700	1600	ug/Kg
Vinyl Acetate	108-05-4	< 5100	U	48000	5100	ug/Kg
1,1-Dichloroethane	75-34-3	< 1300	U	9700	1300	ug/Kg
2-Butanone	78-93-3	< 4500	U	9700	4500	ug/Kg
Carbon Tetrachloride	56-23-5	< 910	U	9700	910	ug/Kg
2,2-Dichloropropane	594-20-7	< 1200	U	9700	1200	ug/Kg
cis-1,2-Dichloroethene	156-59-2	10000		9700	1200	ug/Kg
Bromochloromethane	74-97-5	< 4800	U	9700	4800	ug/Kg
Chloroform	67-66-3	< 1200	U	9700	1200	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 1500	U	9700	1500	ug/Kg
1,1-Dichloropropene	563-43-2	< 5800	U	9700	5800	ug/Kg
Benzene	71-43-2	< 1400	U	9700	1400	ug/Kg
1,2-Dichloroethane	107-06-2	< 1100	U	9700	1100	ug/Kg
Trichloroethene	79-01-6	3800	J	9700	1400	ug/Kg
1,2-Dichloropropane	78-87-5	< 1400	U	9700	1400	ug/Kg
Dibromomethane	74-95-3	< 1200	U	9700	1200	ug/Kg
Bromodichloromethane	75-27-4	< 1400	U	9700	1400	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 1600	U	9700	1600	ug/Kg
Toluene	108-88-3	< 1400	U	9700	1400	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 1300	U	9700	1300	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-12

Client ID: 347-UIW-9 15

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062708.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 53

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 1300	U	9700	1300	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 1200	U	9700	1200	ug/Kg
1,3-Dichloropropane	142-28-9	< 1100	U	9700	1100	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 4200	U	9700	4200	ug/Kg
2-Hexanone	591-78-6	< 1200	U	9700	1200	ug/Kg
Dibromochloromethane	124-48-1	< 1300	U	9700	1300	ug/Kg
1,2-Dibromoethane	106-93-4	< 1200	U	9700	1200	ug/Kg
Tetrachloroethene	127-18-4	16000		9700	1400	ug/Kg
Chlorobenzene	108-90-7	< 1500	U	9700	1500	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 1200	U	9700	1200	ug/Kg
Ethyl Benzene	100-41-4	< 1500	U	9700	1500	ug/Kg
m&p-Xylenes	136777-61-2	< 3000	U	19000	3000	ug/Kg
o-Xylene	95-47-6	< 1400	U	9700	1400	ug/Kg
Styrene	100-42-5	< 1800	U	9700	1800	ug/Kg
Bromoform	75-25-2	< 950	U	9700	950	ug/Kg
Isopropylbenzene	98-82-8	< 1400	U	9700	1400	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 1400	U	9700	1400	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 2000	U	9700	2000	ug/Kg
Bromobenzene	108-86-1	< 1200	U	9700	1200	ug/Kg
n-propylbenzene	103-61-5	< 1500	U	9700	1500	ug/Kg
2-Chlorotoluene	95-49-8	< 1600	U	9700	1600	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 1900	U	9700	1900	ug/Kg
4-Chlorotoluene	106-43-4	< 2000	U	9700	2000	ug/Kg
tert-Butylbenzene	98-06-6	< 1800	U	9700	1800	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 1600	U	9700	1600	ug/Kg
Sec-butylbenzene	135-98-8	< 1900	U	9700	1900	ug/Kg
p-Isopropyltoluene	99-87-6	< 2100	U	9700	2100	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 1400	U	9700	1400	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 1800	U	9700	1800	ug/Kg
n-Butylbenzene	104-51-8	< 2400	U	9700	2400	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 1700	U	9700	1700	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 1800	U	9700	1800	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 2500	U	9700	2500	ug/Kg
Hexachlorobutadiene	87-68-3	< 1800	U	9700	1800	ug/Kg
Naphthalene	91-20-3	< 1800	U	9700	1800	ug/Kg

Chemtech Consulting Group

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-12

Client ID: 347-UIW-9 15

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062708.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Vol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 53

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 2000	U	9700	2000	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	576.8	115 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	517	103 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	649.6	130 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	614.8	123 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	599741	9.60			
1,4-Difluorobenzene	540-36-3	930824	12.16			
Chlorobenzene-d5	3114-55-4	963129	20.44			
1,4-Dichlorobenzene-d4	3855-82-1	514153	26.38			
TENTATIVE IDENTIFIED COMPOUNDS						
I-Octanol, 2-butyl-	3913028	11000	J	25.97		ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-13

Client ID: 347-UIW-10 16

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062710.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 6.2 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 39

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 930	U	6600	930	ug/Kg
Chloromethane	74-87-3	< 670	U	6600	670	ug/Kg
Vinyl chloride	75-01-4	< 1000	U	6600	1000	ug/Kg
Bromomethane	74-83-9	< 500	U	6600	500	ug/Kg
Chloroethane	75-00-3	< 3200	U	6600	3200	ug/Kg
Trichlorofluoromethane	75-69-4	< 960	U	6600	960	ug/Kg
tert-Butyl Alcohol	75-65-0	< 5300	U	33000	5300	ug/Kg
1,1-Dichloroethene	75-35-4	< 910	U	6600	910	ug/Kg
Acrolein	107-02-8	< 6400	U	33000	6400	ug/Kg
Acrylonitrile	107-13-1	< 4600	U	33000	4600	ug/Kg
Acetone	67-64-1	< 4600	U	6600	4600	ug/Kg
Carbon disulfide	75-15-0	< 950	U	6600	950	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 1400	U	6600	1400	ug/Kg
Methylene Chloride	75-09-2	< 2300	U	6600	2300	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 1100	U	6600	1100	ug/Kg
Vinyl Acetate	108-05-4	< 3500	U	33000	3500	ug/Kg
1,1-Dichloroethane	75-34-3	< 870	U	6600	870	ug/Kg
2-Butanone	78-93-3	< 3000	U	6600	3000	ug/Kg
Carbon Tetrachloride	56-23-5	< 620	U	6600	620	ug/Kg
2,2-Dichloropropane	594-20-7	< 830	U	6600	830	ug/Kg
cis-1,2-Dichloroethene	156-59-2	72000		6600	810	ug/Kg
Bromochloromethane	74-97-5	< 3300	U	6600	3300	ug/Kg
Chloroform	67-66-3	< 810	U	6600	810	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 990	U	6600	990	ug/Kg
1,1-Dichloropropene	563-43-2	< 3900	U	6600	3900	ug/Kg
Benzene	71-43-2	< 930	U	6600	930	ug/Kg
1,2-Dichloroethane	107-06-2	< 740	U	6600	740	ug/Kg
Trichloroethene	79-01-6	< 940	U	6600	940	ug/Kg
1,2-Dichloropropane	78-87-5	< 960	U	6600	960	ug/Kg
Dibromomethane	74-95-3	< 800	U	6600	800	ug/Kg
Bromodichloromethane	75-27-4	< 960	U	6600	960	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 1100	U	6600	1100	ug/Kg
Toluene	108-88-3	< 940	U	6600	940	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 870	U	6600	870	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-13

Client ID: 347-UIW-10 16

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062710.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 6.2 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 39

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 880	U	6600	880	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 820	U	6600	820	ug/Kg
1,3-Dichloropropane	142-28-9	< 750	U	6600	750	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 2800	U	6600	2800	ug/Kg
2-Hexanone	591-78-6	< 790	U	6600	790	ug/Kg
Dibromochloromethane	124-48-1	< 860	U	6600	860	ug/Kg
1,2-Dibromoethane	106-93-4	< 830	U	6600	830	ug/Kg
Tetrachloroethene	127-18-4	< 930	U	6600	930	ug/Kg
Chlorobenzene	108-90-7	< 1000	U	6600	1000	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 840	U	6600	840	ug/Kg
Ethyl Benzene	100-41-4	< 1000	U	6600	1000	ug/Kg
m&p-Xylenes	136777-61-2	< 2000	U	13000	2000	ug/Kg
o-Xylene	95-47-6	< 950	U	6600	950	ug/Kg
Styrene	100-42-5	< 1200	U	6600	1200	ug/Kg
Bromoform	75-25-2	< 650	U	6600	650	ug/Kg
Isopropylbenzene	98-82-8	< 990	U	6600	990	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 930	U	6600	930	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 1400	U	6600	1400	ug/Kg
Bromobenzene	108-86-1	< 790	U	6600	790	ug/Kg
n-propylbenzene	103-61-5	< 1000	U	6600	1000	ug/Kg
2-Chlorotoluene	95-49-8	< 1100	U	6600	1100	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	1400	J	6600	1300	ug/Kg
4-Chlorotoluene	106-43-4	< 1300	U	6600	1300	ug/Kg
tert-Butylbenzene	98-06-6	< 1200	U	6600	1200	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	3500	J	6600	1100	ug/Kg
Sec-butylbenzene	135-98-8	< 1300	U	6600	1300	ug/Kg
p-Isopropyltoluene	99-87-6	< 1400	U	6600	1400	ug/Kg
1,3-Dichlorobenzene	541-73-1	23000		6600	970	ug/Kg
1,4-Dichlorobenzene	106-46-7	37000		6600	1200	ug/Kg
n-Butylbenzene	104-51-8	< 1600	U	6600	1600	ug/Kg
1,2-Dichlorobenzene	95-50-1	95000		6600	1200	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 1200	U	6600	1200	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	43000		6600	1700	ug/Kg
Hexachlorobutadiene	87-68-3	< 1200	U	6600	1200	ug/Kg
Naphthalene	91-20-3	4500	J	6600	1200	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-13

Client ID: 347-UIW-10 16

Date Collected: 6/17/03

Date Received: 6/19/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062710.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 6.2 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 39

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	14000		6600	1400	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	564.1	113 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	517	103 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	643.7	129 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	614.7	123 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	676744	9.59			
1,4-Difluorobenzene	540-36-3	1036354	12.17			
Chlorobenzene-d5	3114-55-4	1092161	20.44			
1,4-Dichlorobenzene-d4	3855-82-1	579904	26.36			

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-14

Client ID: 347-TRIPBLK-61803

Date Collected: 6/18/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062422.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.0 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 0

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 70	U	500	70	ug/Kg
Chloromethane	74-87-3	< 51	U	500	51	ug/Kg
Vinyl chloride	75-01-4	< 79	U	500	79	ug/Kg
Bromomethane	74-83-9	< 38	U	500	38	ug/Kg
Chloroethane	75-00-3	< 240	U	500	240	ug/Kg
Trichlorofluoromethane	75-69-4	< 73	U	500	73	ug/Kg
tert-Butyl Alcohol	75-65-0	< 400	U	2500	400	ug/Kg
1,1-Dichloroethene	75-35-4	< 69	U	500	69	ug/Kg
Acrolein	107-02-8	< 490	U	2500	490	ug/Kg
Acrylonitrile	107-13-1	< 350	U	2500	350	ug/Kg
Acetone	67-64-1	< 350	U	500	350	ug/Kg
Carbon disulfide	75-15-0	< 72	U	500	72	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 100	U	500	100	ug/Kg
Methylene Chloride	75-09-2	< 180	U	500	180	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 81	U	500	81	ug/Kg
Vinyl Acetate	108-05-4	< 260	U	2500	260	ug/Kg
1,1-Dichloroethane	75-34-3	< 66	U	500	66	ug/Kg
2-Butanone	78-93-3	< 230	U	500	230	ug/Kg
Carbon Tetrachloride	56-23-5	< 47	U	500	47	ug/Kg
2,2-Dichloropropane	594-20-7	< 63	U	500	63	ug/Kg
cis-1,2-Dichloroethene	156-59-2	< 62	U	500	62	ug/Kg
Bromochloromethane	74-97-5	< 250	U	500	250	ug/Kg
Chloroform	67-66-3	< 61	U	500	61	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 75	U	500	75	ug/Kg
1,1-Dichloropropene	563-43-2	< 300	U	500	300	ug/Kg
Benzene	71-43-2	< 70	U	500	70	ug/Kg
1,2-Dichloroethane	107-06-2	< 56	U	500	56	ug/Kg
Trichloroethene	79-01-6	< 72	U	500	72	ug/Kg
1,2-Dichloropropane	78-87-5	< 73	U	500	73	ug/Kg
Dibromomethane	74-95-3	< 61	U	500	61	ug/Kg
Bromodichloromethane	75-27-4	< 73	U	500	73	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 81	U	500	81	ug/Kg
Toluene	108-88-3	< 71	U	500	71	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 66	U	500	66	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-14

Client ID: 347-TRIPBLK-61803

Date Collected: 6/18/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062422.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624MI

Sample Wt/Wol: 5.0 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 0

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 66	U	500	66	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 62	U	500	62	ug/Kg
1,3-Dichloropropane	142-28-9	< 57	U	500	57	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 210	U	500	210	ug/Kg
2-Hexanone	591-78-6	< 60	U	500	60	ug/Kg
Dibromochloromethane	124-48-1	< 66	U	500	66	ug/Kg
1,2-Dibromoethane	106-93-4	< 63	U	500	63	ug/Kg
Tetrachloroethene	127-18-4	< 70	U	500	70	ug/Kg
Chlorobenzene	108-90-7	< 78	U	500	78	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 64	U	500	64	ug/Kg
Ethyl Benzene	100-41-4	< 76	U	500	76	ug/Kg
m&p-Xylenes	136777-61-2	< 150	U	1000	150	ug/Kg
o-Xylene	95-47-6	< 72	U	500	72	ug/Kg
Styrene	100-42-5	< 92	U	500	92	ug/Kg
Bromoform	75-25-2	< 49	U	500	49	ug/Kg
Isopropylbenzene	98-82-8	< 75	U	500	75	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 70	U	500	70	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 100	U	500	100	ug/Kg
Bromobenzene	108-86-1	< 60	U	500	60	ug/Kg
n-propylbenzene	103-61-5	< 80	U	500	80	ug/Kg
2-Chlorotoluene	95-49-8	< 85	U	500	85	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 97	U	500	97	ug/Kg
4-Chlorotoluene	106-43-4	< 100	U	500	100	ug/Kg
tert-Butylbenzene	98-06-6	< 94	U	500	94	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 82	U	500	82	ug/Kg
Sec-butylbenzene	135-98-8	< 96	U	500	96	ug/Kg
p-Isopropyltoluene	99-87-6	< 110	U	500	110	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 74	U	500	74	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 93	U	500	93	ug/Kg
n-Butylbenzene	104-51-8	< 120	U	500	120	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 88	U	500	88	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 91	U	500	91	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 130	U	500	130	ug/Kg
Hexachlorobutadiene	87-68-3	< 94	U	500	94	ug/Kg
Naphthalene	91-20-3	< 91	U	500	91	ug/Kg

Volatiles

SDG No.: R2855

Client: Impact Environmental

Sample ID: R2855-14

Client ID: 347-TRIPBLK-61803

Date Collected: 6/18/03

Date Received: 6/19/03

Date Analyzed: 6/24/03

Matrix: SOIL

File ID: VK062422.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M1

Sample Wt/Wol: 5.0 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 0

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 110	U	500	110	ug/kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	42.67	85 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	42.73	85 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	47.41	95 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	43	86 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	295748	4.49			
1,4-Difluorobenzene	540-36-3	550397	5.13			
Chlorobenzene-d5	3114-55-4	551671	7.56			
1,4-Dichlorobenzene-d4	3855-82-1	233607	8.96			

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-02

Client ID: 347-UIW-11 10

Date Collected: 6/19/03

Date Received: 6/20/03

Date Analyzed: 6/25/03

Matrix: SOIL

File ID: VK062430.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M2

Sample Wt/Wol: 5.4 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 6

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 69	U	490	69	ug/Kg
Chloromethane	74-87-3	< 50	U	490	50	ug/Kg
Vinyl chloride	75-01-4	< 78	U	490	78	ug/Kg
Bromomethane	74-83-9	< 38	U	490	38	ug/Kg
Chloroethane	75-00-3	< 240	U	490	240	ug/Kg
Trichlorofluoromethane	75-69-4	< 72	U	490	72	ug/Kg
tert-Butyl Alcohol	75-65-0	< 390	U	2500	390	ug/Kg
1,1-Dichloroethene	75-35-4	< 68	U	490	68	ug/Kg
Acrolein	107-02-8	< 480	U	2500	480	ug/Kg
Acrylonitrile	107-13-1	< 350	U	2500	350	ug/Kg
Acetone	67-64-1	< 350	U	490	350	ug/Kg
Carbon disulfide	75-15-0	< 71	U	490	71	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 100	U	490	100	ug/Kg
Methylene Chloride	75-09-2	< 170	U	490	170	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 80	U	490	80	ug/Kg
Vinyl Acetate	108-05-4	< 260	U	2500	260	ug/Kg
1,1-Dichloroethane	75-34-3	< 65	U	490	65	ug/Kg
2-Butanone	78-93-3	< 230	U	490	230	ug/Kg
Carbon Tetrachloride	56-23-5	< 46	U	490	46	ug/Kg
2,2-Dichloropropane	594-20-7	< 62	U	490	62	ug/Kg
cis-1,2-Dichloroethene	156-59-2	< 61	U	490	61	ug/Kg
Bromochloromethane	74-97-5	< 240	U	490	240	ug/Kg
Chloroform	67-66-3	< 60	U	490	60	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 74	U	490	74	ug/Kg
1,1-Dichloropropene	563-43-2	< 290	U	490	290	ug/Kg
Benzene	71-43-2	< 69	U	490	69	ug/Kg
1,2-Dichloroethane	107-06-2	< 55	U	490	55	ug/Kg
Trichloroethene	79-01-6	< 70	U	490	70	ug/Kg
1,2-Dichloropropane	78-87-5	< 71	U	490	71	ug/Kg
Dibromomethane	74-95-3	< 60	U	490	60	ug/Kg
Bromodichloromethane	75-27-4	< 72	U	490	72	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 79	U	490	79	ug/Kg
Toluene	108-88-3	< 70	U	490	70	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 65	U	490	65	ug/Kg

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-02

Client ID: 347-UIW-11 10

Date Collected: 6/19/03

Date Received: 6/20/03

Date Analyzed: 6/25/03

Matrix: SOIL

File ID: VK062430.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M2

Sample Wt/Wol: 5.4 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 6

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 65	U	490	65	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 61	U	490	61	ug/Kg
1,3-Dichloropropane	142-28-9	< 56	U	490	56	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 210	U	490	210	ug/Kg
2-Hexanone	591-78-6	< 59	U	490	59	ug/Kg
Dibromochloromethane	124-48-1	< 64	U	490	64	ug/Kg
1,2-Dibromoethane	106-93-4	< 62	U	490	62	ug/Kg
Tetrachloroethene	127-18-4	3300		490	69	ug/Kg
Chlorobenzene	108-90-7	< 77	U	490	77	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 63	U	490	63	ug/Kg
Ethyl Benzene	100-41-4	< 74	U	490	74	ug/Kg
m&p-Xylenes	136777-61-2	< 150	U	980	150	ug/Kg
o-Xylene	95-47-6	< 71	U	490	71	ug/Kg
Styrene	100-42-5	< 91	U	490	91	ug/Kg
Bromoform	75-25-2	< 48	U	490	48	ug/Kg
Isopropylbenzene	98-82-8	< 74	U	490	74	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 69	U	490	69	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 100	U	490	100	ug/Kg
Bromobenzene	108-86-1	< 59	U	490	59	ug/Kg
n-propylbenzene	103-61-5	< 78	U	490	78	ug/Kg
2-Chlorotoluene	95-49-8	< 83	U	490	83	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 95	U	490	95	ug/Kg
4-Chlorotoluene	106-43-4	< 100	U	490	100	ug/Kg
tert-Butylbenzene	98-06-6	< 92	U	490	92	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 81	U	490	81	ug/Kg
Sec-butylbenzene	135-98-8	< 95	U	490	95	ug/Kg
p-Isopropyltoluene	99-87-6	< 110	U	490	110	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 73	U	490	73	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 91	U	490	91	ug/Kg
n-Butylbenzene	104-51-8	< 120	U	490	120	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 87	U	490	87	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 90	U	490	90	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 130	U	490	130	ug/Kg
Hexachlorobutadiene	87-68-3	< 92	U	490	92	ug/Kg
Naphthalene	91-20-3	< 89	U	490	89	ug/Kg

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-02

Client ID: 347-UIW-11 10

Date Collected: 6/19/03

Date Received: 6/20/03

Date Analyzed: 6/25/03

Matrix: SOIL

File ID: VK062430.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M2

Sample Wt/Wol: 5.4 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 6

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,5-Trichlorobenzene	87-61-6	< 100	0	490	100	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	54.91	110 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	42.38	85 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	44.74	89 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	45.39	91 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	313679	4.48			
1,4-Difluorobenzene	540-36-3	609558	5.12			
Chlorobenzene-d5	3114-55-4	588490	7.56			
1,4-Dichlorobenzene-d4	3855-82-1	265946	8.96			

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-03

Client ID: 347-UIW-12 12

Date Collected: 6/19/03

Date Received: 6/20/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062712.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.4 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 47

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 1200	U	8800	1200	ug/Kg
Chloromethane	74-87-3	< 890	U	8800	890	ug/Kg
Vinyl chloride	75-01-4	< 1400	U	8800	1400	ug/Kg
Bromomethane	74-83-9	< 670	U	8800	670	ug/Kg
Chloroethane	75-00-3	< 4200	U	8800	4200	ug/Kg
Trichlorofluoromethane	75-69-4	< 1300	U	8800	1300	ug/Kg
tert-Butyl Alcohol	75-65-0	< 7000	U	44000	7000	ug/Kg
1,1-Dichloroethene	75-35-4	< 1200	U	8800	1200	ug/Kg
Acrolein	107-02-8	< 8500	U	44000	8500	ug/Kg
Acrylonitrile	107-13-1	< 6200	U	44000	6200	ug/Kg
Acetone	67-64-1	< 6200	U	8800	6200	ug/Kg
Carbon disulfide	75-15-0	< 1300	U	8800	1300	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 1800	U	8800	1800	ug/Kg
Methylene Chloride	75-09-2	< 3100	U	8800	3100	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 1400	U	8800	1400	ug/Kg
Vinyl Acetate	108-05-4	< 4600	U	44000	4600	ug/Kg
1,1-Dichloroethane	75-34-3	< 1200	U	8800	1200	ug/Kg
2-Butanone	78-93-3	< 4100	U	8800	4100	ug/Kg
Carbon Tetrachloride	56-23-5	< 820	U	8800	820	ug/Kg
2,2-Dichloropropane	594-20-7	< 1100	U	8800	1100	ug/Kg
cis-1,2-Dichloroethene	156-59-2	< 1100	U	8800	1100	ug/Kg
Bromochloromethane	74-97-5	< 4400	U	8800	4400	ug/Kg
Chloroform	67-66-3	< 1100	U	8800	1100	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 1300	U	8800	1300	ug/Kg
1,1-Dichloropropene	563-43-2	< 5200	U	8800	5200	ug/Kg
Benzene	71-43-2	< 1200	U	8800	1200	ug/Kg
1,2-Dichloroethane	107-06-2	< 990	U	8800	990	ug/Kg
Trichloroethene	79-01-6	< 1300	U	8800	1300	ug/Kg
1,2-Dichloropropane	78-87-5	< 1300	U	8800	1300	ug/Kg
Dibromomethane	74-95-3	< 1100	U	8800	1100	ug/Kg
Bromodichloromethane	75-27-4	< 1300	U	8800	1300	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 1400	U	8800	1400	ug/Kg
Toluene	108-88-3	< 1200	U	8800	1200	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 1200	U	8800	1200	ug/Kg

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-03

Client ID: 347-UIW-12 12

Date Collected: 6/19/03

Date Received: 6/20/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062712.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.4 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 47

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,5-Dichloropropene	10061-01-5	< 1200	U	8800	1200	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 1100	U	8800	1100	ug/Kg
1,3-Dichloropropane	142-28-9	< 990	U	8800	990	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 3800	U	8800	3800	ug/Kg
2-Hexanone	591-78-6	< 1000	U	8800	1000	ug/Kg
Dibromochloromethane	124-48-1	< 1200	U	8800	1200	ug/Kg
1,2-Dibromoethane	106-93-4	< 1100	U	8800	1100	ug/Kg
Tetrachloroethene	127-18-4	< 1200	U	8800	1200	ug/Kg
Chlorobenzene	108-90-7	< 1400	U	8800	1400	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 1100	U	8800	1100	ug/Kg
Ethyl Benzene	100-41-4	< 1300	U	8800	1300	ug/Kg
m&p-Xylenes	136777-61-2	< 2700	U	18000	2700	ug/Kg
o-Xylene	95-47-6	< 1300	U	8800	1300	ug/Kg
Styrene	100-42-5	< 1600	U	8800	1600	ug/Kg
Bromoform	75-25-2	< 860	U	8800	860	ug/Kg
Isopropylbenzene	98-82-8	< 1300	U	8800	1300	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 1200	U	8800	1200	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 1800	U	8800	1800	ug/Kg
Bromobenzene	108-86-1	< 1100	U	8800	1100	ug/Kg
n-propylbenzene	103-61-5	< 1400	U	8800	1400	ug/Kg
2-Chlorotoluene	95-49-8	< 1500	U	8800	1500	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 1700	U	8800	1700	ug/Kg
4-Chlorotoluene	106-43-4	< 1800	U	8800	1800	ug/Kg
tert-Butylbenzene	98-06-6	< 1600	U	8800	1600	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 1400	U	8800	1400	ug/Kg
Sec-butylbenzene	135-98-8	< 1700	U	8800	1700	ug/Kg
p-Isopropyltoluene	99-87-6	< 1900	U	8800	1900	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 1300	U	8800	1300	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 1600	U	8800	1600	ug/Kg
n-Butylbenzene	104-51-8	< 2100	U	8800	2100	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 1500	U	8800	1500	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 1600	U	8800	1600	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 2300	U	8800	2300	ug/Kg
Hexachlorobutadiene	87-68-3	< 1600	U	8800	1600	ug/Kg
Naphthalene	91-20-3	2700	J	8800	1600	ug/Kg

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-03

Client ID: 347-UIW-12 12

Date Collected: 6/19/03

Date Received: 6/20/03

Date Analyzed: 6/27/03

Matrix: SOIL

File ID: VF062712.D

Analytical Run ID: VF061303

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0627M1

Sample Wt/Wol: 5.4 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 47

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 1800	U	8800	1800	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	522.3	104 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	499.2	100 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	627.8	126 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	579	116 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	769953	9.57			
1,4-Difluorobenzene	540-36-3	1169434	12.15			
Chlorobenzene-d5	3114-55-4	1164530	20.42			
1,4-Dichlorobenzene-d4	3855-82-1	617785	26.35			

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-04

Client ID: 347-UIW-13 10

Date Collected: 6/19/03

Date Received: 6/20/03

Date Analyzed: 6/25/03

Matrix: SOIL

File ID: VK062432.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M2

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 3

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 66	U	470	66	ug/Kg
Chloromethane	74-87-3	< 48	U	470	48	ug/Kg
Vinyl chloride	75-01-4	< 74	U	470	74	ug/Kg
Bromomethane	74-83-9	< 36	U	470	36	ug/Kg
Chloroethane	75-00-3	< 230	U	470	230	ug/Kg
Trichlorofluoromethane	75-69-4	< 68	U	470	68	ug/Kg
tert-Butyl Alcohol	75-65-0	< 380	U	2400	380	ug/Kg
1,1-Dichloroethene	75-35-4	< 65	U	470	65	ug/Kg
Acrolein	107-02-8	< 460	U	2400	460	ug/Kg
Acrylonitrile	107-13-1	< 330	U	2400	330	ug/Kg
Acetone	67-64-1	< 330	U	470	330	ug/Kg
Carbon disulfide	75-15-0	< 68	U	470	68	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 98	U	470	98	ug/Kg
Methylene Chloride	75-09-2	< 170	U	470	170	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 76	U	470	76	ug/Kg
Vinyl Acetate	108-05-4	< 250	U	2400	250	ug/Kg
1,1-Dichloroethane	75-34-3	< 62	U	470	62	ug/Kg
2-Butanone	78-93-3	< 220	U	470	220	ug/Kg
Carbon Tetrachloride	56-23-5	< 44	U	470	44	ug/Kg
2,2-Dichloropropane	594-20-7	< 59	U	470	59	ug/Kg
cis-1,2-Dichloroethene	156-59-2	< 58	U	470	58	ug/Kg
Bromochloromethane	74-97-5	< 230	U	470	230	ug/Kg
Chloroform	67-66-3	< 58	U	470	58	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 71	U	470	71	ug/Kg
1,1-Dichloropropene	563-43-2	< 280	U	470	280	ug/Kg
Benzene	71-43-2	< 66	U	470	66	ug/Kg
1,2-Dichloroethane	107-06-2	< 53	U	470	53	ug/Kg
Trichloroethene	79-01-6	< 67	U	470	67	ug/Kg
1,2-Dichloropropane	78-87-5	< 68	U	470	68	ug/Kg
Dibromomethane	74-95-3	< 57	U	470	57	ug/Kg
Bromodichloromethane	75-27-4	< 69	U	470	69	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 76	U	470	76	ug/Kg
Toluene	108-88-3	< 67	U	470	67	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 62	U	470	62	ug/Kg

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-04

Client ID: 347-UIW-13 10

Date Collected: 6/19/03

Date Received: 6/20/03

Date Analyzed: 6/25/03

Matrix: SOIL

File ID: VK062432.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M2

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 3

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 62	U	470	62	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 59	U	470	59	ug/Kg
1,3-Dichloropropane	142-28-9	< 53	U	470	53	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 200	U	470	200	ug/Kg
2-Hexanone	591-78-6	< 56	U	470	56	ug/Kg
Dibromochloromethane	124-48-1	< 62	U	470	62	ug/Kg
1,2-Dibromoethane	106-93-4	< 59	U	470	59	ug/Kg
Tetrachloroethene	127-18-4	< 66	U	470	66	ug/Kg
Chlorobenzene	108-90-7	< 74	U	470	74	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 60	U	470	60	ug/Kg
Ethyl Benzene	100-41-4	< 71	U	470	71	ug/Kg
m&p-Xylenes	136777-61-2	< 140	U	940	140	ug/Kg
o-Xylene	95-47-6	< 68	U	470	68	ug/Kg
Styrene	100-42-5	< 87	U	470	87	ug/Kg
Bromoform	75-25-2	< 46	U	470	46	ug/Kg
Isopropylbenzene	98-82-8	< 70	U	470	70	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 66	U	470	66	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 97	U	470	97	ug/Kg
Bromobenzene	108-86-1	< 57	U	470	57	ug/Kg
n-propylbenzene	103-61-5	< 75	U	470	75	ug/Kg
2-Chlorotoluene	95-49-8	< 79	U	470	79	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 91	U	470	91	ug/Kg
4-Chlorotoluene	106-43-4	< 96	U	470	96	ug/Kg
tert-Butylbenzene	98-06-6	< 88	U	470	88	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 78	U	470	78	ug/Kg
Sec-butylbenzene	135-98-8	< 91	U	470	91	ug/Kg
p-Isopropyltoluene	99-87-6	< 100	U	470	100	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 69	U	470	69	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 87	U	470	87	ug/Kg
n-Butylbenzene	104-51-8	< 120	U	470	120	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 83	U	470	83	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 86	U	470	86	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 120	U	470	120	ug/Kg
Hexachlorobutadiene	87-68-3	< 88	U	470	88	ug/Kg
Naphthalene	91-20-3	< 85	U	470	85	ug/Kg

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-04

Client ID: 347-UIW-13 10

Date Collected: 6/19/03

Date Received: 6/20/03

Date Analyzed: 6/25/03

Matrix: SOIL

File ID: VK062432.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M2

Sample Wt/Wol: 5.5 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 3

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 99	0	470	99	ug/Kg
SURROGATES						
1,2-Dichloroethane-d4	17060-07-0	51.24	102 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	46	92 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	44.34	89 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	43.85	88 %	58 - 154		SPK: 50
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	388718	4.49			
1,4-Difluorobenzene	540-36-3	696092	5.13			
Chlorobenzene-d5	3114-55-4	635113	7.56			
1,4-Dichlorobenzene-d4	3855-82-1	307904	8.95			

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-05

Client ID: 347-UIW-14 18

Date Collected: 6/19/03

Date Received: 6/20/03

Date Analyzed: 6/25/03

Matrix: SOIL

File ID: VK062435.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M2

Sample Wt/Wol: 5.4 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 2

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 66	U	470	66	ug/Kg
Chloromethane	74-87-3	< 48	U	470	48	ug/Kg
Vinyl chloride	75-01-4	< 74	U	470	74	ug/Kg
Bromomethane	74-83-9	< 36	U	470	36	ug/Kg
Chloroethane	75-00-3	< 230	U	470	230	ug/Kg
Trichlorofluoromethane	75-69-4	< 69	U	470	69	ug/Kg
tert-Butyl Alcohol	75-65-0	< 380	U	2400	380	ug/Kg
1,1-Dichloroethene	75-35-4	< 65	U	470	65	ug/Kg
Acrolein	107-02-8	< 460	U	2400	460	ug/Kg
Acrylonitrile	107-13-1	< 330	U	2400	330	ug/Kg
Acetone	67-64-1	< 330	U	470	330	ug/Kg
Carbon disulfide	75-15-0	< 68	U	470	68	ug/Kg
Methyl tert-butyl Ether	1634-04-4	< 99	U	470	99	ug/Kg
Methylene Chloride	75-09-2	< 170	U	470	170	ug/Kg
trans-1,2-Dichloroethene	156-60-5	< 76	U	470	76	ug/Kg
Vinyl Acetate	108-05-4	< 250	U	2400	250	ug/Kg
1,1-Dichloroethane	75-34-3	< 62	U	470	62	ug/Kg
2-Butanone	78-93-3	< 220	U	470	220	ug/Kg
Carbon Tetrachloride	56-23-5	< 44	U	470	44	ug/Kg
2,2-Dichloropropane	594-20-7	< 59	U	470	59	ug/Kg
cis-1,2-Dichloroethene	156-59-2	< 58	U	470	58	ug/Kg
Bromochloromethane	74-97-5	< 230	U	470	230	ug/Kg
Chloroform	67-66-3	< 58	U	470	58	ug/Kg
1,1,1-Trichloroethane	71-55-6	< 71	U	470	71	ug/Kg
1,1-Dichloropropene	563-43-2	< 280	U	470	280	ug/Kg
Benzene	71-43-2	< 66	U	470	66	ug/Kg
1,2-Dichloroethane	107-06-2	< 53	U	470	53	ug/Kg
Trichloroethene	79-01-6	< 68	U	470	68	ug/Kg
1,2-Dichloropropane	78-87-5	< 69	U	470	69	ug/Kg
Dibromomethane	74-95-3	< 57	U	470	57	ug/Kg
Bromodichloromethane	75-27-4	< 69	U	470	69	ug/Kg
4-Methyl-2-Pentanone	108-10-1	< 76	U	470	76	ug/Kg
Toluene	108-88-3	< 67	U	470	67	ug/Kg
t-1,3-Dichloropropene	10061-02-6	< 62	U	470	62	ug/Kg

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-05

Client ID: 347-UIW-14 18

Date Collected: 6/19/03

Date Received: 6/20/03

Date Analyzed: 6/25/03

Matrix: SOIL

File ID: VK062435.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M2

Sample Wt/Wol: 5.4 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 2

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 63	U	470	63	ug/Kg
1,1,2-Trichloroethane	79-00-5	< 59	U	470	59	ug/Kg
1,3-Dichloropropane	142-28-9	< 53	U	470	53	ug/Kg
2-Chloroethyl vinyl ether	110-75-8	< 200	U	470	200	ug/Kg
2-Hexanone	591-78-6	< 56	U	470	56	ug/Kg
Dibromochloromethane	124-48-1	< 62	U	470	62	ug/Kg
1,2-Dibromoethane	106-93-4	< 59	U	470	59	ug/Kg
Tetrachloroethene	127-18-4	< 66	U	470	66	ug/Kg
Chlorobenzene	108-90-7	< 74	U	470	74	ug/Kg
1,1,1,2-Tetrachloroethane	630-20-6	< 60	U	470	60	ug/Kg
Ethyl Benzene	100-41-4	< 71	U	470	71	ug/Kg
m&p-Xylenes	136777-61-2	< 140	U	940	140	ug/Kg
o-Xylene	95-47-6	< 68	U	470	68	ug/Kg
Styrene	100-42-5	< 87	U	470	87	ug/Kg
Bromoform	75-25-2	< 46	U	470	46	ug/Kg
Isopropylbenzene	98-82-8	< 71	U	470	71	ug/Kg
1,1,2,2-Tetrachloroethane	79-34-5	< 66	U	470	66	ug/Kg
1,2,3-Trichloropropane	96-18-4	< 97	U	470	97	ug/Kg
Bromobenzene	108-86-1	< 57	U	470	57	ug/Kg
n-propylbenzene	103-61-5	< 75	U	470	75	ug/Kg
2-Chlorotoluene	95-49-8	< 80	U	470	80	ug/Kg
1,3,5-Trimethylbenzene	108-67-8	< 91	U	470	91	ug/Kg
4-Chlorotoluene	106-43-4	< 96	U	470	96	ug/Kg
tert-Butylbenzene	98-06-6	< 88	U	470	88	ug/Kg
1,2,4-Trimethylbenzene	95-63-6	< 78	U	470	78	ug/Kg
Sec-butylbenzene	135-98-8	< 91	U	470	91	ug/Kg
p-Isopropyltoluene	99-87-6	< 100	U	470	100	ug/Kg
1,3-Dichlorobenzene	541-73-1	< 70	U	470	70	ug/Kg
1,4-Dichlorobenzene	106-46-7	< 88	U	470	88	ug/Kg
n-Butylbenzene	104-51-8	< 120	U	470	120	ug/Kg
1,2-Dichlorobenzene	95-50-1	< 83	U	470	83	ug/Kg
1,2-Dibromo-3-Chloropropane	96-12-8	< 86	U	470	86	ug/Kg
1,2,4-Trichlorobenzene	120-82-1	< 120	U	470	120	ug/Kg
Hexachlorobutadiene	87-68-3	< 88	U	470	88	ug/Kg
Naphthalene	91-20-3	< 85	U	470	85	ug/Kg

Volatiles

SDG No.: R2911

Client: Impact Environmental

Sample ID: R2911-05

Client ID: 347-UIW-14 18

Date Collected: 6/19/03

Date Received: 6/20/03

Date Analyzed: 6/25/03

Matrix: SOIL

File ID: VK062435.D

Analytical Run ID: VK061303

Dilution: 1

Instrument ID: MSVOAK

Analytical Method: 8260

Associated Blank: VBK0624M2

Sample Wt/Wol: 5.4 Units: g

Soil Extract Vol: 10000

Soil Aliquot Vol: 100

% Moisture: 2

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 99	U	470	99	ug/Kg

SURROGATES

1,2-Dichloroethane-d4	17060-07-0	49.6	99 %	43 - 177		SPK: 50
Dibromofluoromethane	1868-53-7	46.91	94 %	70 - 130		SPK: 50
Toluene-d8	2037-26-5	46	92 %	65 - 159		SPK: 50
4-Bromofluorobenzene	460-00-4	46.01	92 %	58 - 154		SPK: 50

INTERNAL STANDARDS

Pentafluorobenzene	363-72-4	395781	4.49			
1,4-Difluorobenzene	540-36-3	689217	5.13			
Chlorobenzene-d5	3114-55-4	635736	7.55			
1,4-Dichlorobenzene-d4	3855-82-1	316554	8.96			

COVER PAGE

Order R3011

ProjectID: Melody Cleaners Soil Gas

CustomerName Impact Environmental

LAB SAMPLE NO.

R3011-07

R3011-08

R3011-04

R3011-05

R3011-06

R3011-01

R3011-02

R3011-03

CLIENT SAMPLE NO

347-SG-610

347-SG-75

347-SVE-EFF1#1

347-SVE-I#2

347-SVE-EFF2#2

347-FIELDBLANK62301

347-SG-65

347-SVE-I#1

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: Carole Collins Name: Carole CollinsDate: 7/7/03 Title: QA/QC

CASE NARRATIVE

Impact Environmental

Project Name: Melody Cleaners Soil Gas

Chemtech Project # R3011

A. Number of Samples and Date of Receipt

5 Air samples were delivered to the laboratory intact on 3/04/03.

B. Parameters

Test requested on the Chain of Custody was TO-14. This data package contains results for TO-14.

C. Analytical Techniques:

The analysis of Volatile Organic was based on Method TO-14. The analyses were performed on instrument MSVOA C using GC column RTX502.2 which is 40 meters, 0.18mm ID, 1.0um df, Catalog # 40915. The Purge Trap was supplied by Supelco, VO CARB 3000, Tekmar 3000.

D. QA/ QC Samples:

Samples 347-SG-65, 347-SVE-1#1, 347-SVE-EFF-1#1, 347-SVE-1#2, 347-SVE-EFF2#2, 347-SG-610 and 347-SG-75 were diluted due to a high concentration of target compound. Holding Times were met. Tuning Checks met requirements. Calibrations met requirements. Blank analysis did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature

Krupa Dubey
ERC 7/7/03

Name: Krupa Dubey

Date:

7/7/03

Title: QA/QC

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Impact Environmental

ADDRESS: 1 Village Plaza

CITY: Kings Park STATE: NY ZIP: 11754

ATTENTION: Kevin Klecka

PHONE: 631-269-8800 FAX: 631-269-1599

PROJECT INFORMATION

PROJECT NAME: Melody Cleaners Site

PROJECT NO.: VCPCrk 347-1 LOCATION: East Meadow

PROJECT MANAGER: Richard Parrish

E-MAIL:

PHONE:

FAX:

BILLING INFORMATION

BILL TO: Same

PO #:

ADDRESS:

CITY:

STATE:

ZIP:

ATTENTION:

PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: NORMAL DAYS *
EDD: _____ DAYS *

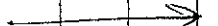
* TO BE APPROVED BY CHEMTECH

** NORMAL TURNAROUND TIME - 14 DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ NYS ASP "B"
☐ NJ REDUCED ☒ NYS ASP "A"
☐ NJ CLP ☐ EDD
☐ EDD FORMAT: _____

1	2	3	4	5	6	7	8	9
PCE	TCE	CIS 1,2-DEE	VC					

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E									← Specify Preservatives A - HCl B - HNO ₃ C - H ₂ SO ₄ D - NaOH E - ICE F - Other	
								1	2	3	4	5	6	7	8	9		
1.	1	347-Field Blank 6/23/01	Air	K	6/23/03	1220	1	X	X	X	X							
2.	2	347-SG-6 (5')	Air	K	6/23/03	125	1	X	X	X	X							
3.	3	347-SVE-IN (#1)	Air	K	6/23/03	140	1	X	X	X	X							
4.	4	347-SVE-EFF (#1)	Air	K	6/23/03	140	1	X	X	X	X							
5.	5	347-SVE-IN (#2)	Air	K	6/23/03	400	1	X	X	X	X							
6.	6	347-SVE-EFF (#2)	Air	K	6/23/03	400	1	X	X	X	X							
7.	7	347-SG- ~~6~~ (10')	Air	K	6/23/03	410	1	X	X	X	X							
8.	8	347-SG-7 (5')	Air	K	6/23/03	440	1	X	X	X	X							

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

RELINQUISHED BY SAMPLER:

1. [Signature]

DATE/TIME:

6/23/03 445

RECEIVED BY:

1. _____

RELINQUISHED BY:

2. _____

DATE/TIME:

RECEIVED BY:

2. _____

RELINQUISHED BY:

3. UPS

DATE/TIME:

6/24/03 10:45

RECEIVED FOR LAB BY:

3. [Signature]

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non-Compliant ☐ Temp. of Cooler _____
MeOH extractions requires an additional 4oz. jar for percent solid.

Comments:

Page _____ of _____

Shipped Via: Client ☐ Hand Delivered ☐ Overnight ☐ Overnight ☐ Shipment Complete ☐ Yes ☐ No

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-FIELDBLANK62301
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062409.D

LAB SAMPLE ID: R3011-01
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/24/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.015
79-01-6	TRICHLOROETHENE	0.044		0.022
127-18-4	TETRACHLOROETHENE		U	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-65
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062410.D

LAB SAMPLE ID: R3011-02
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/24/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.098		0.015
79-01-6	TRICHLOROETHENE	1.405	E	0.022
127-18-4	TETRACHLOROETHENE	11.264	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-65
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062411.D

LAB SAMPLE ID: R3011-02DL
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/24/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE		UD	0.149
79-01-6	TRICHLOROETHENE	1.749	D	0.220
127-18-4	TETRACHLOROETHENE	27.956	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-65
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0005L
DATA FILE: VC062412.D

LAB SAMPLE ID: R3011-02DL2
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/24/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	3.912
156-59-2	CIS-1,2-DICHLOROETHENE		UD	1.493
79-01-6	TRICHLOROETHENE	2.819	D	2.203
127-18-4	TETRACHLOROETHENE	44.197	D	2.342

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SVE-I#1
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062413.D

LAB SAMPLE ID: R3011-03
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/24/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	1.032	E	0.015
79-01-6	TRICHLOROETHENE	6.719	E	0.022
127-18-4	TETRACHLOROETHENE	7.366	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SVE-I#1
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062414.D

LAB SAMPLE ID: R3011-03DL
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/24/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE	1.014	D	0.149
79-01-6	TRICHLOROETHENE	8.230	E	0.220
127-18-4	TETRACHLOROETHENE	69.820	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT:	Impact Environmental	LAB SAMPLE ID:	R3011-03DL2
SAMPLE ID:	347-SVE-I#1	DATE SAMPLED:	6/23/03
PROJECT:	Melody Cleaners Soil Gas	DATE RECEIVED:	6/24/03
SAMPLE VOL:	0.0002L	DATE ANALYZED:	6/24/03
DATA FILE:	VC062415.D	DIL FACT:	1
		ANALYST:	SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE	9.780	D	5.507
127-18-4	TETRACHLOROETHENE	1925.332	E	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SVE-I#1
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.000005L
DATA FILE: VC062416.D

LAB SAMPLE ID: R3011-03DL3
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	391.20
156-59-2	CIS-1,2-DICHLOROETHENE		UD	149.27
79-01-6	TRICHLOROETHENE		UD	220.27
127-18-4	TETRACHLOROETHENE	1915.25	D	234.20

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SVE-EFF1#1
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062417.D

LAB SAMPLE ID: R3011-04
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.015
79-01-6	TRICHLOROETHENE		U	0.022
127-18-4	TETRACHLOROETHENE	2.265	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SVE-EFF1#1
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062418.D

LAB SAMPLE ID: R3011-04DL
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE		UD	0.149
79-01-6	TRICHLOROETHENE		UD	0.220
127-18-4	TETRACHLOROETHENE	3.506	D	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SVE-I#2
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062419.D

LAB SAMPLE ID: R3011-05
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.979	E	0.015
79-01-6	TRICHLOROETHENE	6.185	E	0.022
127-18-4	TETRACHLOROETHENE	5.886	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SVE-l#2
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.002L
DATA FILE: VC062420.D

LAB SAMPLE ID: R3011-05DL
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.978
156-59-2	CIS-1,2-DICHLOROETHENE	1.063	D	0.373
79-01-6	TRICHLOROETHENE	8.151	D	0.551
127-18-4	TETRACHLOROETHENE	207.163	E	0.585

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SVE-I#2
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.000005L
DATA FILE: VC062421.D

LAB SAMPLE ID: R3011-05DL2
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	391.200
156-59-2	CIS-1,2-DICHLOROETHENE		UD	149.267
79-01-6	TRICHLOROETHENE		UD	220.270
127-18-4	TETRACHLOROETHENE	2141.48	D	234.195

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SVE-EFF2#2
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062422.D

LAB SAMPLE ID: R3011-06
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.015
79-01-6	TRICHLOROETHENE		U	0.022
127-18-4	TETRACHLOROETHENE	0.901	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SVE-EFF2#2
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.002L
DATA FILE: VC062428.D

LAB SAMPLE ID: R3011-06DL
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.978
156-59-2	CIS-1,2-DICHLOROETHENE		UD	0.373
79-01-6	TRICHLOROETHENE		UD	0.551
127-18-4	TETRACHLOROETHENE	4.247	D	0.585

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-610
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062425.D

LAB SAMPLE ID: R3011-07
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.122		0.015
79-01-6	TRICHLOROETHENE	1.443	E	0.022
127-18-4	TETRACHLOROETHENE	10.274	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
 SAMPLE ID: 347-SG-610
 PROJECT: Melody Cleaners Soil Gas
 SAMPLE VOL: 0.002L
 DATA FILE: VC062426.D

LAB SAMPLE ID: R3011-07DL
 DATE SAMPLED: 6/23/03
 DATE RECEIVED: 6/24/03
 DATE ANALYZED: 6/25/03
 DIL FACT: 1
 ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.978
156-59-2	CIS-1,2-DICHLOROETHENE		UD	0.373
79-01-6	TRICHLOROETHENE	2.196	D	0.551
127-18-4	TETRACHLOROETHENE	25.054	E	0.585

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-610
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062427.D

LAB SAMPLE ID: R3011-07DL2
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	17.893	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-75
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062506.D

LAB SAMPLE ID: R3011-08
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.179		0.015
79-01-6	TRICHLOROETHENE	0.952	E	0.022
127-18-4	TETRACHLOROETHENE	7.274	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-75
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062507.D

LAB SAMPLE ID: R3011-08DL
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE		UD	0.149
79-01-6	TRICHLOROETHENE	0.931	D	0.220
127-18-4	TETRACHLOROETHENE	14.342	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-75
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062508.D

LAB SAMPLE ID: R3011-08DL2
DATE SAMPLED: 6/23/03
DATE RECEIVED: 6/24/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	23.759	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

234 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900

END OF ANALYTICAL RESULTS

COVER PAGE

ProjectID: Melody Cleaners Soil Gas

Order R3042

CustomerName Impact Environmental

LAB SAMPLE NO.	CLIENT SAMPLE NO
R3042-19	347-SG-1610
R3042-16	347-SG-155
R3042-17	347-SG-165
R3042-18	347-SG-1510
R3042-13	347-SG-145
R3042-14	347-SG-1310
R3042-15	347-SG-1410
R3042-10	347-SG-1110
R3042-11	347-SG-1210
R3042-12	347-SG-135
R3042-07	347-SG-1010
R3042-08	347-SG-115
R3042-09	347-SG-125
R3042-04	347-SG-810
R3042-05	347-SG-910
R3042-06	347-SG-105
R3042-01	347-SG-710
R3042-02	347-SG-85
R3042-03	347-SG-95

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: [Signature] Name: Krupa Dubey
Date: 7/19/03 Title: QA/QC

CASE NARRATIVE

Client: Impact Environmental
Project Name: Melody Cleaners Soil Gas
Project No: VCPCODE347-1
Chemtech project #: R3042

A. Number of Samples and Date of Receipt

19 Air samples were delivered to the laboratory intact on 06/25/03.

B. Parameters

Test requested on the Chain of Custody was TO-14. This data package contains results for Volatile Organic.

C. Analytical Techniques:

The analysis of Volatile Organic was based on Method TO-14. The analyses were performed on instrument MSVOA C using GC column RTX502.2 which is 40 meters, 0.18mm ID, 1.0 Um df, Catalog # 40915. The Purge Trap was supplied by Supelco, VO CARB 3000, Tekmar 3000.

D. QA/ QC Samples:

Holding Times were met. Tuning Checks met requirements. Calibrations met requirements. Blank analysis did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature _____

Name: Krupa Dubey

Date: _____

Title: QA/QC

CHEMTECH**CHAIN OF CUSTODY RECORD**

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

CHEMTECH JOB NO.:

CHEMTECH QUOTE NO.:

R3042

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Impact EnvironmentalADDRESS: 1 Village PlazaCITY: Kings Park STATE: Ny ZIP: 11754ATTENTION: Kevin KiraikaPHONE: 631-269-8800 FAX: 631-269-1575**PROJECT INFORMATION**PROJECT NAME: Melody Cleaners SitePROJECT NO.: VC Code 347-1 LOCATION:PROJECT MANAGER: Richard Parrish

E-MAIL:

PHONE:

FAX:

BILLING INFORMATION

BILL TO:

PO #:

ADDRESS:

CITY:

STATE:

ZIP:

ATTENTION:

PHONE:

ANALYSIS**DATA TURNAROUND INFORMATION**

FAX: _____ DAYS *

HARD COPY: NORMAL DAYS *

EDD: _____ DAYS *

* TO BE APPROVED BY CHEMTECH

** NORMAL TURNAROUND TIME - 14 DAYS

DATA DELIVERABLE INFORMATION☐ RESULTS ONLY☐ RESULTS + QC☐ NJ REDUCED☐ NJ CLP☐ EDD FORMAT:☐ USEPA CLP☐ NYS ASP "B"☒ NYS ASP "A"☐ EDD

1 PCB
2 TCE
3 cis-1,2 DCE
4 VC
5
6
7
8
9

PRESERVATIVES**COMMENTS**

← Specify Preservatives
A - HCl B - HNO₃
C - H₂SO₄ D - NaOH
E - ICE F - Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	1 347-SG-7(10')	Air		X	6/24/03	735	1	X	X	X	X						
2.	2 347-SG-8(5')			X		740	1	X	X	X	X						
3.	3 347-SG-9(5')			X		755	1	X	X	X	X						
4.	4 347-SG-8(10')			X		800	1	X	X	X	X						
5.	5 347-SG-9(10')			X		815	1	X	X	X	X						
6.	6 347-SG-10(5')			X		840	1	X	X	X	X						
7.	7 347-SG-10(10')			X		900	1	X	X	X	X						
8.	8 347-SG-11(5')			X		905	1	X	X	X	X						

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

RELINQUISHED BY SAMPLER:

1. [Signature]

DATE/TIME:

6/24/03 1:05

RECEIVED BY:

1. [Signature]

RELINQUISHED BY:

2. [Signature]

DATE/TIME:

6/25/03 10:30

RECEIVED BY:

2. [Signature]

RELINQUISHED BY:

3. [Signature]

DATE/TIME:

6/25/03 10:30

RECEIVED FOR LAB BY:

3. [Signature]Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non-Compliant ☐ Temp. of Cooler _____

MeOH extractions requires an additional 4oz. jar for percent solid.

Comments:

Air McHardy TO 14

Page _____ of _____

Shipped Via: Client ☐ Hand Delivered ☐ Overnight ☐ Shipment Complete
Chemtech ☐ Picked Up ☐ Overnight ☐ Yes ☐ No

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

34760

CLIENT INFORMATION				PROJECT INFORMATION				BILLING INFORMATION										
REPORT TO BE SENT TO:																		
COMPANY: <u>Impact Environmental</u>				PROJECT NAME: <u>Melody Cleaners Site</u>				BILL TO: _____ PO #: _____										
ADDRESS: <u>1 Village Plaza</u>				PROJECT NO.: <u>VC 347-1</u> LOCATION: <u>East Meadow, NY</u>				ADDRESS: _____										
CITY: <u>Kings Park</u> STATE: <u>NY</u> ZIP: <u>11754</u>				PROJECT MANAGER: <u>Richard Parrish</u>				CITY: _____ STATE: _____ ZIP: _____										
ATTENTION: <u>Kevin Klecka</u>				E-MAIL: _____				ATTENTION: _____ PHONE: _____										
PHONE: <u>631-269-8500</u> FAX: <u>631-269-1575</u>				PHONE: _____ FAX: _____														
DATA TURNAROUND INFORMATION				DATA DELIVERABLE INFORMATION				ANALYSIS										
FAX: _____ DAYS * HARD COPY: <u>NO</u> DAYS * EDD: _____ DAYS * * TO BE APPROVED BY CHEMTECH ** NORMAL TURNAROUND TIME - 14 DAYS				☐ RESULTS ONLY ☐ USEPA CLP ☐ RESULTS + QC ☐ NYS ASP "B" ☐ NJ REDUCED ☒ NYS ASP "A" ☐ NJ CLP ☐ EDD ☐ EDD FORMAT: _____				<u>PCB</u> <u>TCF</u> <u>CS1,2,3,4</u> <u>VC</u>										
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9		
1. <u>9</u>	<u>347-SG-12 (5')</u>	<u>Air</u>	<u>X</u>	<u>X</u>	<u>6/24/03</u>	<u>930</u>	1	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>							← Specify Preservatives A - HCl B - HNO ₃ C - H ₂ SO ₄ D - NaOH E - ICE F - Other
2. <u>10</u>	<u>347-SG-11 (10')</u>	<u>X</u>	<u>X</u>		<u>945</u>	1	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>								
3. <u>11</u>	<u>347-SG-12 (10')</u>	<u>X</u>	<u>X</u>		<u>955</u>	1	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>								
4. <u>22</u>	<u>347-SG-13 (5')</u>	<u>X</u>	<u>X</u>		<u>1030</u>	1	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>								
5. <u>13</u>	<u>347-SG-14 (5')</u>	<u>X</u>	<u>X</u>		<u>1035</u>	1	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>								
6. <u>14</u>	<u>347-SG-13 (10')</u>	<u>X</u>	<u>X</u>		<u>1115</u>	1	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>								
7. <u>15</u>	<u>347-SG-14 (10')</u>	<u>X</u>	<u>X</u>		<u>1125</u>	1	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>								
8. <u>16</u>	<u>347-SG-15 (5')</u>	<u>X</u>	<u>X</u>	<u>✓</u>	<u>1200</u>	1	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>								
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																		
RELINQUISHED BY: <u>[Signature]</u>		DATE/TIME: <u>6/24/03 105</u>		RECEIVED BY: <u>[Signature]</u>		Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non-Compliant ☐ Temp. of Cooler _____												
RELINQUISHED BY: <u>[Signature]</u>		DATE/TIME: _____		RECEIVED BY: <u>[Signature]</u>		MeOH extractions requires an additional 4oz. jar for percent solid.												
RELINQUISHED BY: <u>VPS</u>		DATE/TIME: <u>6/25/03 1030</u>		RECEIVED FOR LAB BY: <u>[Signature]</u>		Comments: <u>Air method TO-14</u>												
3.				3.		Shipped Via: Client ☐ Hand Delivered ☐ Overnight ☐ Shipment Complete ☐ Yes ☐ No Chemtech ☐ Picked Up ☐ Overnight ☐												

CLIENT INFORMATION			PROJECT INFORMATION			BILLING INFORMATION												
REPORT TO BE SENT TO:																		
COMPANY: <u>Impact Environmental</u>			PROJECT NAME: <u>Melody Cleaners Site</u>			BILL TO: _____ PO #: _____												
ADDRESS: <u>1 Village Plaza</u>			PROJECT NO.: <u>VCP Code 347-1</u> LOCATION: <u>East Meadow, NY</u>			ADDRESS: _____												
CITY: <u>King Park</u> STATE: <u>NY</u> ZIP: <u>11754</u>			PROJECT MANAGER: <u>Richard Parrish</u>			CITY: _____ STATE: _____ ZIP: _____												
ATTENTION: <u>Kevin Kieake</u>			E-MAIL: _____			ATTENTION: _____ PHONE: _____												
PHONE: <u>631-269-5500</u> FAX: <u>631-269-1599</u>			PHONE: _____ FAX: _____															
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION			ANALYSIS												
FAX: _____ DAYS * HARD COPY: <u>NORMAL</u> DAYS * EDD: _____ DAYS *			☐ RESULTS ONLY ☐ USEPA CLP ☐ RESULTS + QC ☐ NYS ASP "B" ☐ NJ REDUCED ☒ NYS ASP "A" ☐ NJ CLP ☐ EDD ☐ EDD FORMAT: _____			1 PCE 2 TCE 3 CHLOROC 4 VU 5 6 7 8 9												
* TO BE APPROVED BY CHEMTECH ** NORMAL TURNAROUND TIME - 14 DAYS																		
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9		
1. 17	347-SG-16 (5')	Air		X	6/24/03	1205	1	X	X	X	X							← Specify Preservatives A - HCl B - HNO ₃ C - H ₂ SO ₄ D - NaOH E - ICE F - Other
2. 18	347-SG-15 (10')	↓		X	↓	1230	1	X	X	X	X							
3. 19	347-SG-16 (10')	↓		X	↓	1235	1	X	X	X	X							
4.																		
5.																		
6.																		
7.																		
8.																		
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																		
RELINQUISHED BY SAMPLER:			DATE/TIME:			RECEIVED BY:			Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non-Compliant ☐ Temp. of Cooler _____ MeOH extractions requires an additional 4oz. jar for percent solid. Comments: <u>Air spits by method TO-14</u>									
1. <u>[Signature]</u>			6/24/03 1:05			1. _____												
RELINQUISHED BY:			DATE/TIME:			RECEIVED BY:												
2. _____						2. _____			Shipped Via: Client ☐ Hand Delivered ☐ Overnight ☐ Shipment Complete Chemtech ☐ Picked Up ☐ Overnight ☐ Yes ☐ No									
RELINQUISHED BY:			DATE/TIME:			RECEIVED FOR LAB BY:												
3. <u>UPS</u>			6/25/03 1:30			3. <u>[Signature]</u>												

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-710
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062510.D

LAB SAMPLE ID: R3042-01
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.556	E	0.015
79-01-6	TRICHLOROETHENE	2.469	E	0.022
127-18-4	TETRACHLOROETHENE	8.498	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-710
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062511.D

LAB SAMPLE ID: R3042-01DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/25/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE	1.078	D	0.149
79-01-6	TRICHLOROETHENE	4.160	D	0.220
127-18-4	TETRACHLOROETHENE	50.804	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-710
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062606.D

LAB SAMPLE ID: R3042-01DL2
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	75.469	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-85
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062607.D

LAB SAMPLE ID: R3042-02
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.273		0.015
79-01-6	TRICHLOROETHENE	1.146	E	0.022
127-18-4	TETRACHLOROETHENE	9.175	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-85
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062608.D

LAB SAMPLE ID: R3042-02DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE	0.600	D	0.149
79-01-6	TRICHLOROETHENE	2.024	D	0.220
127-18-4	TETRACHLOROETHENE	53.826	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-85
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062609.D

LAB SAMPLE ID: R3042-02DL2
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	77.273	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-95
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062610.D

LAB SAMPLE ID: R3042-03
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.028		0.015
79-01-6	TRICHLOROETHENE	0.518	E	0.022
127-18-4	TETRACHLOROETHENE	8.759	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-95
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.025L
DATA FILE: VC062611.D

LAB SAMPLE ID: R3042-03DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.078
156-59-2	CIS-1,2-DICHLOROETHENE	0.042	D	0.030
79-01-6	TRICHLOROETHENE	0.688	D	0.044
127-18-4	TETRACHLOROETHENE	15.604	E	0.047

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-95
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062612.D

LAB SAMPLE ID: R3042-03DL2
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	69.591	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-810
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062613.D

LAB SAMPLE ID: R3042-04
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.399	E	0.015
79-01-6	TRICHLOROETHENE	1.519	E	0.022
127-18-4	TETRACHLOROETHENE	9.446	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-810
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062614.D

LAB SAMPLE ID: R3042-04DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE	0.877	D	0.149
79-01-6	TRICHLOROETHENE	2.149	D	0.220
127-18-4	TETRACHLOROETHENE	55.079	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-810
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062615.D

LAB SAMPLE ID: R3042-04DL2
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	100.130	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-910
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062616.D

LAB SAMPLE ID: R3042-05
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.050		0.015
79-01-6	TRICHLOROETHENE	0.679	E	0.022
127-18-4	TETRACHLOROETHENE	8.972	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-910
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.025L
DATA FILE: VC062617.D

LAB SAMPLE ID: R3042-05DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.078
156-59-2	CIS-1,2-DICHLOROETHENE	0.054	D	0.030
79-01-6	TRICHLOROETHENE	0.655	D	0.044
127-18-4	TETRACHLOROETHENE	15.274	E	0.047

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-910
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062618.D

LAB SAMPLE ID: R3042-05DL2
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	67.027	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-105
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062619.D

LAB SAMPLE ID: R3042-06
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.181		0.015
79-01-6	TRICHLOROETHENE	1.676	E	0.022
127-18-4	TETRACHLOROETHENE	8.409	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-105
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062620.D

LAB SAMPLE ID: R3042-06DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE	0.440	D	0.149
79-01-6	TRICHLOROETHENE	3.743	D	0.220
127-18-4	TETRACHLOROETHENE	55.627	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-105
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062621.D

LAB SAMPLE ID: R3042-06DL2
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	84.064	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1010
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062622.D

LAB SAMPLE ID: R3042-07
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.270		0.015
79-01-6	TRICHLOROETHENE	2.071	E	0.022
127-18-4	TETRACHLOROETHENE	8.483	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1010
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062623.D

LAB SAMPLE ID: R3042-07DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/26/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE	0.508	D	0.149
79-01-6	TRICHLOROETHENE	3.330	D	0.220
127-18-4	TETRACHLOROETHENE	44.386	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
 SAMPLE ID: 347-SG-1010
 PROJECT: Melody Cleaners Soil Gas
 SAMPLE VOL: 0.0002L
 DATA FILE: VC062624.D

LAB SAMPLE ID: R3042-07DL2
 DATE SAMPLED: 6/24/03
 DATE RECEIVED: 6/25/03
 DATE ANALYZED: 6/27/03
 DIL FACT: 1
 ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	63.069	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-115
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062625.D

LAB SAMPLE ID: R3042-08
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.015
79-01-6	TRICHLOROETHENE	0.217		0.022
127-18-4	TETRACHLOROETHENE	7.570	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-115
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.00025L
DATA FILE: VC062626.D

LAB SAMPLE ID: R3042-08DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	7.824
156-59-2	CIS-1,2-DICHLOROETHENE		UD	2.985
79-01-6	TRICHLOROETHENE		UD	4.405
127-18-4	TETRACHLOROETHENE	35.804	D	4.684

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-125
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062627.D

LAB SAMPLE ID: R3042-09
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.136		0.015
79-01-6	TRICHLOROETHENE	0.929	E	0.022
127-18-4	TETRACHLOROETHENE	9.545	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-125
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062628.D

LAB SAMPLE ID: R3042-09DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE	0.179	D	0.149
79-01-6	TRICHLOROETHENE	1.178	D	0.220
127-18-4	TETRACHLOROETHENE	57.257	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-125
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062629.D

LAB SAMPLE ID: R3042-09DL2
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	108.421	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1110
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062631.D

LAB SAMPLE ID: R3042-10
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.015
79-01-6	TRICHLOROETHENE	0.169		0.022
127-18-4	TETRACHLOROETHENE	7.855	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1110
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062630.D

LAB SAMPLE ID: R3042-10DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE		UD	0.149
79-01-6	TRICHLOROETHENE	0.333	D	0.220
127-18-4	TETRACHLOROETHENE	40.921	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1110
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062632.D

LAB SAMPLE ID: R3042-10DL2
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	42.823	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1210
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062705.D

LAB SAMPLE ID: R3042-11
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.160		0.015
79-01-6	TRICHLOROETHENE	0.641	E	0.022
127-18-4	TETRACHLOROETHENE	7.976	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

Quantitation Report

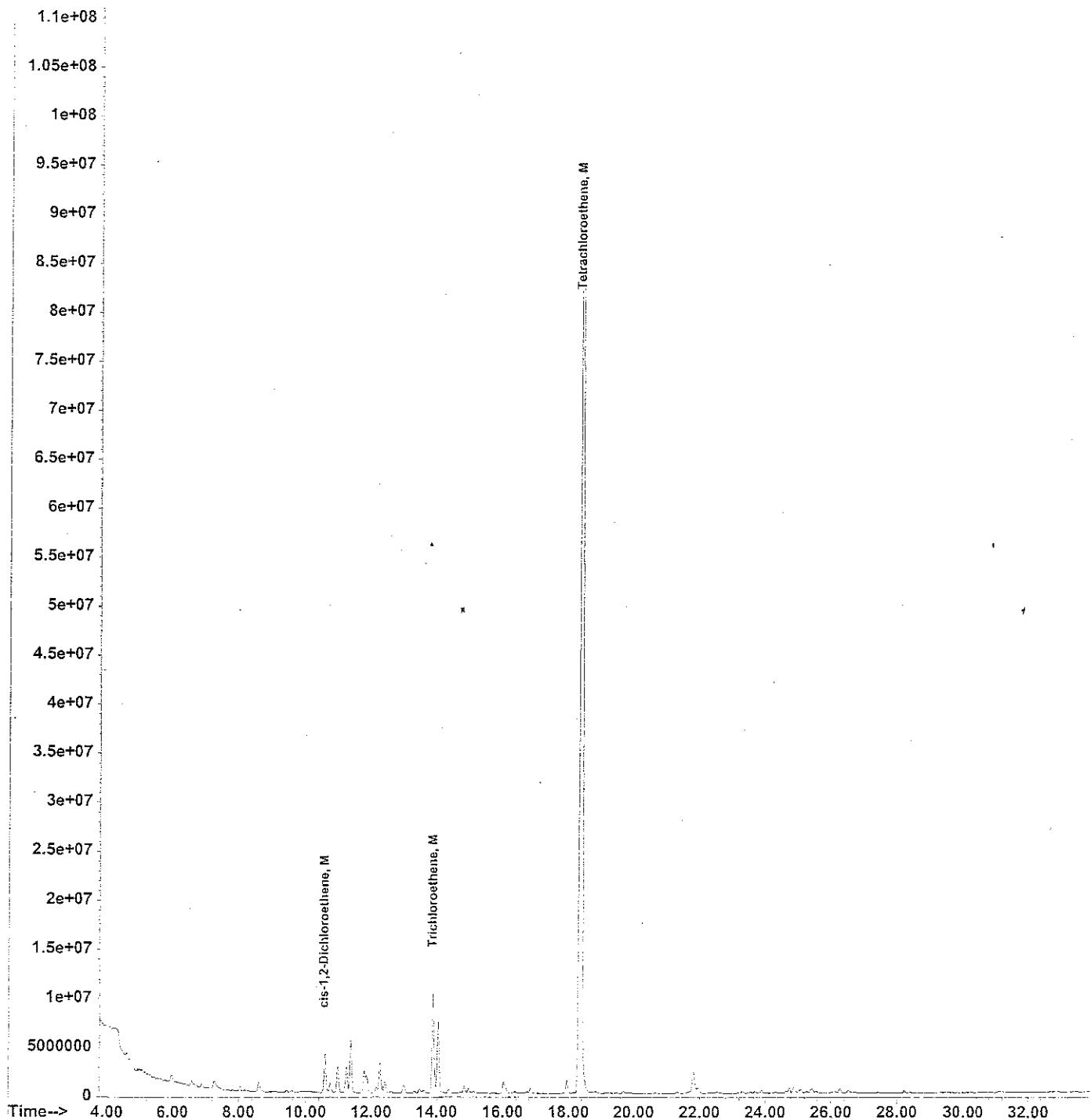
Data File : L:\1\DATA\VOAC\VC062703\VC062705.D
Acq On : 27 Jun 2003 10:56 am
Sample : R3042-11
Misc : 0.05L
MS Integration Params: RTEIN2.P
Quant Time: Jun 28 19:13 2003

Vial: 5
Operator: BRIJ
Inst : voa5
Multiplr: 1.00

Quant Results File: VC0626AR.RES

Method : L:\1\METHODS\VOAC\VC0626AR.M (RTE Integrator)
Title : AIR ANALYSIS BY METHOD TO-14
Last Update : Sat Jul 05 11:46:52 2003
Response via : Initial Calibration

Abundance TIC: VC062705.D



CHEMTECH GC-MS Quantitation Report (QT Reviewed)

Data File : L:\1\DATA\VOAC\VC062703\VC062705.D

Vial: 5

Acq On : 27 Jun 2003 10:56 am

Operator: BRIJ

Sample : R3042-11

Inst : voa5

Misc : 0.05L

Multiplr: 1.00

MS Integration Params: RTEIN2.P

Quant Time: Jun 28 19:13 2003

Quant Results File: VC0626AR.RES

Quant Method : L:\1\METHODS\VOAC\VC0626AR.M (RTE Integrator)

Title : AIR ANALYSIS BY METHOD TO-14

Last Update : Fri Jun 27 12:25:54 2003

Response via : Initial Calibration

DataAcq Meth : VC_TO14

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

System Monitoring Compounds

Target Compounds						Qvalue
16) cis-1,2-Dichloroethe	10.57	61	5115834	53.70	NG	98
21) Trichloroethene	13.88	130	7837278	145.46	NG	92
29) Tetrachloroethene	18.31	164	53028195	1702.77	NG	92

Analyst Signature: Su Analyst Name: Su Date: 7/9/03

-----REASONS FOR MANUAL INTEGRATIONS-----

___ Poor resolution of peaks exhibited on chromatogram.Compound #:

___ Peak integrated by software incorrectly.Compound #:

___ OTHER: _____ Compound #:

(#) = qualifier out of range (m) = manual integration

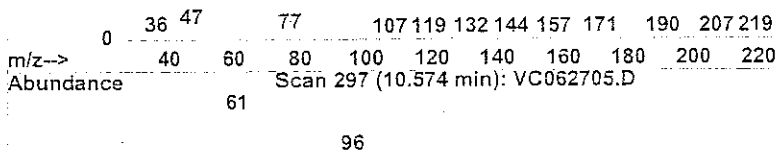
VC062705.D VC0626AR.M Sun Jun 29 00:01:04 2003

MSVOAPRO3

Page 1
38

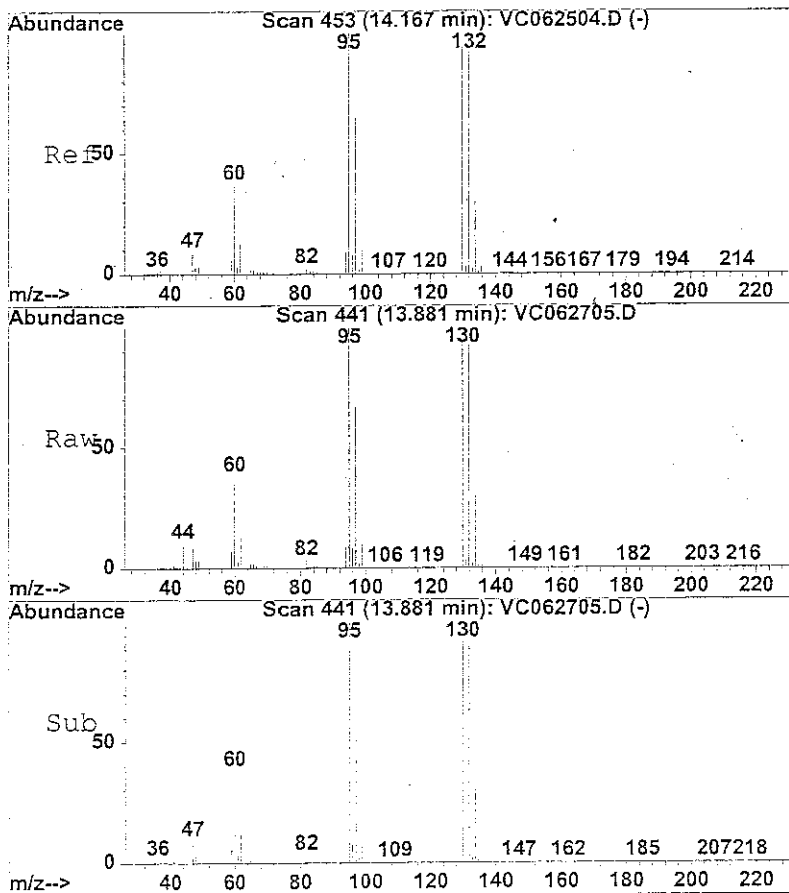
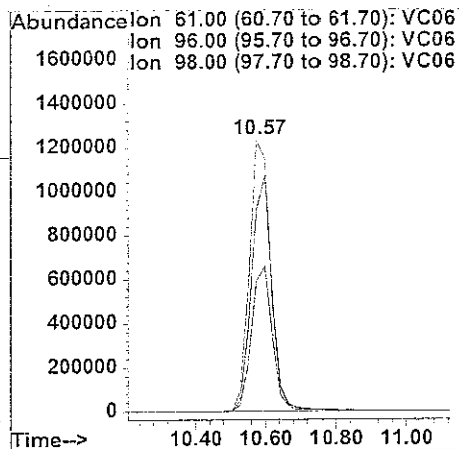
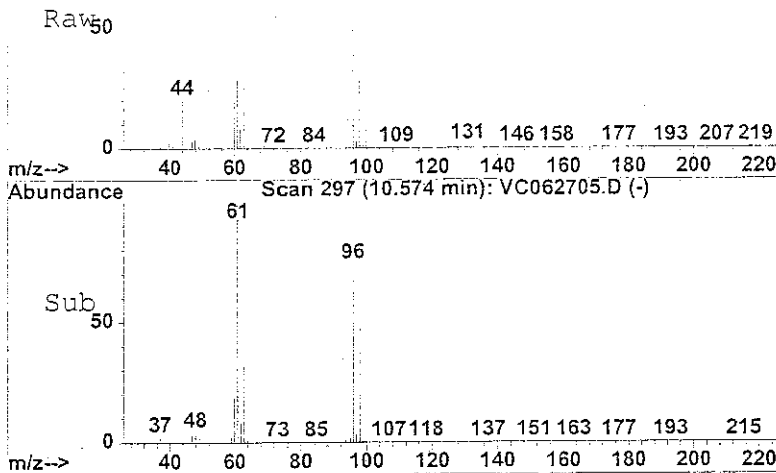
Abundance Scan 300 (10.648 min): VC062504.D (-)

Ref50



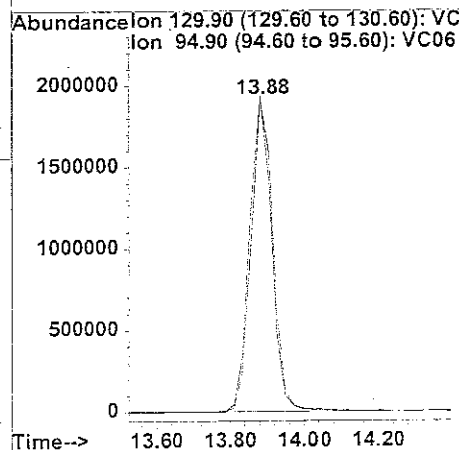
#16
cis-1,2-Dichloroethene
Concen: 53.70 NG
RT: 10.57 min Scan# 297
Delta R.T. -0.01 min
Lab File: VC062705.D
Acq: 27 Jun 2003 10:56 am

Tgt Ion: 61 Resp: 5115834
Ion Ratio Lower Upper
61 100
96 74.4 61.3 91.9
98 48.0 39.3 58.9

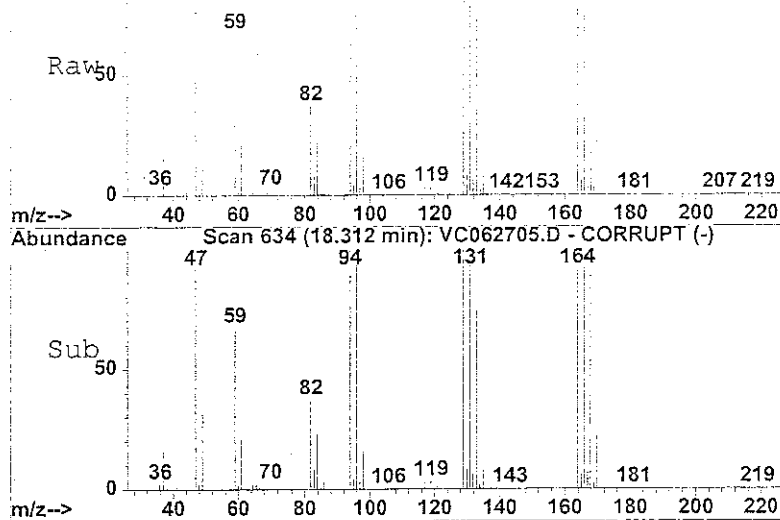
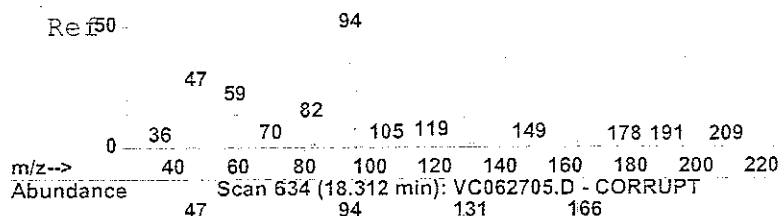


#21
Trichloroethene
Concen: 145.46 NG
RT: 13.88 min Scan# 441
Delta R.T. -0.02 min
Lab File: VC062705.D
Acq: 27 Jun 2003 10:56 am

Tgt Ion: 130 Resp: 7837278
Ion Ratio Lower Upper
130 100
95 101.3 74.6 111.8



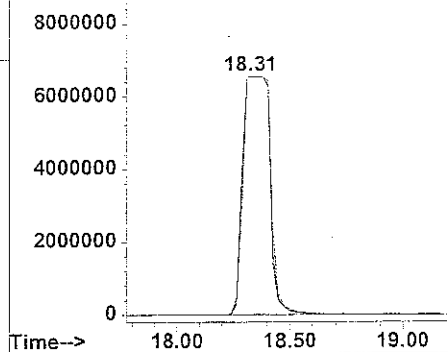
Abundance Scan 673 (19.226 min): VC062504.D (-)
131 166



#29
Tetrachloroethene
Concen: 1702.77 NG
RT: 18.31 min Scan# 634
Delta R.T. -0.04 min
Lab File: VC062705.D
Acq: 27 Jun 2003 10:56 am

Tgt Ion:164 Resp:53028195
Ion Ratio Lower Upper
164 100
166 100.0 98.7 148.1
129 100.0 80.1 120.1
131 99.9 79.4 119.2

Abundance Ion 163.85 (163.55 to 164.55): VC
1e+07 Ion 165.80 (165.50 to 166.50): VC
Ion 128.90 (128.60 to 129.60): VC
Ion 130.90 (130.60 to 131.60): VC



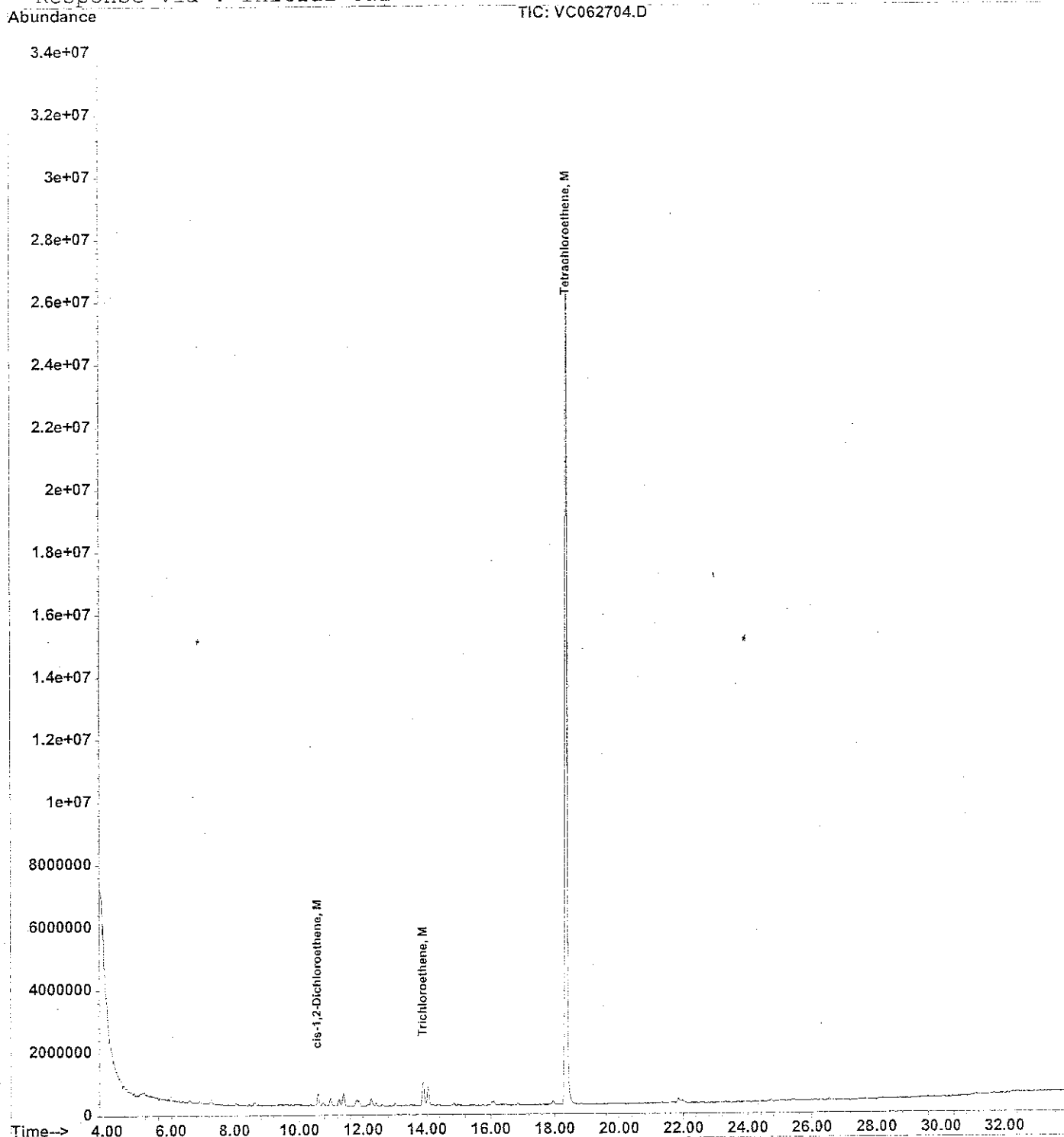
Quantitation Report

Data File : L:\1\DATA\VOAC\VC062703\VC062704.D
 Acq On : 27 Jun 2003 10:14 am
 Sample : R3042-11 10X
 Misc : 0.005L
 MS Integration Params: RTEIN2.P
 Quant Time: Jun 28 17:32 2003

Vial: 4
 Operator: BRIJ
 Inst : voa5
 Multiplr: 1.00

Quant Results File: VC0626AR.RES

Method : L:\1\METHODS\VOAC\VC0626AR.M (RTE Integrator)
 Title : AIR ANALYSIS BY METHOD TO-14
 Last Update : Sat Jul 05 11:46:52 2003
 Response via : Initial Calibration



CHEMTECH GC-MS Quantitation Report (QT Reviewed)

Data File : L:\1\DATA\VOAC\VC062703\VC062704.D

Vial: 4

Acq On : 27 Jun 2003 10:14 am

Operator: BRIJ

Sample : R3042-11 10X

Inst : voa5

Misc : 0.005L

Multiplr: 1.00

MS Integration Params: RTEIN2.P

Quant Time: Jun 28 17:32 2003

Quant Results File: VC0626AR.RES

Quant Method : L:\1\METHODS\VOAC\VC0626AR.M (RTE Integrator)

Title : AIR ANALYSIS BY METHOD TO-14

Last Update : Fri Jun 27 12:25:54 2003

Response via : Initial Calibration

DataAcq Meth : VC_TO14

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

System Monitoring Compounds

Target Compounds						Qvalue
16) cis-1,2-Dichloroethe	10.60	61	472052	4.96	NG	96
21) Trichloroethene	13.90	130	674390	12.52	NG	97
29) Tetrachloroethene	18.36	164	17522529	562.66	NG	97

Analyst Signature: Sy Analyst Name: Sy Date: 7/9/03

-----REASONS FOR MANUAL INTEGRATIONS-----

___ Poor resolution of peaks exhibited on chromatogram.Compound #:

___ Peak integrated by software incorrectly.Compound #:

___ OTHER: _____ Compound #:

(#)= qualifier out of range (m) = manual integration

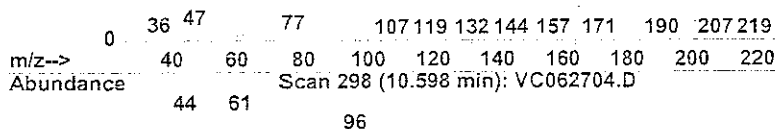
VC062704.D VC0626AR.M Sun Jun 29 00:00:54 2003

MSVOAPRO3

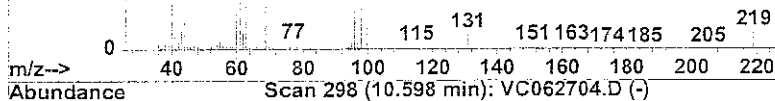
Page 1
42

Abundance Scan 300 (10.648 min): VC062504.D (-)

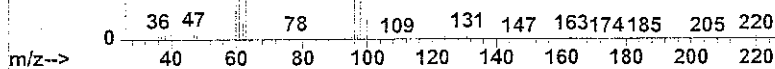
Ref 50



Raw 50

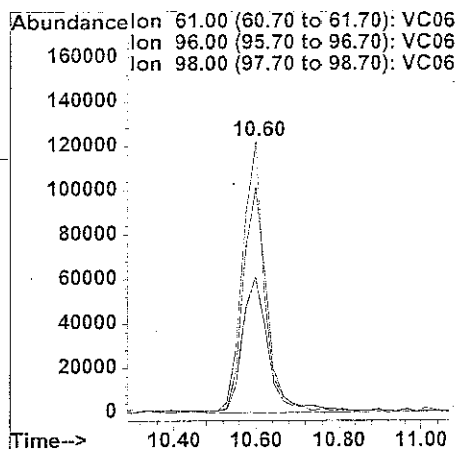


Sub 50



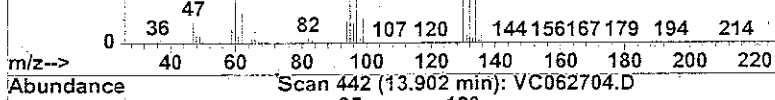
#16
cis-1,2-Dichloroethene
Concen: 4.96 NG
RT: 10.60 min Scan# 298
Delta R.T. 0.02 min
Lab File: VC062704.D
Acq: 27 Jun 2003 10:14 am

Tgt Ion: 61 Resp: 472052
Ion Ratio Lower Upper
61 100
96 82.1 61.3 91.9
98 49.6 39.3 58.9

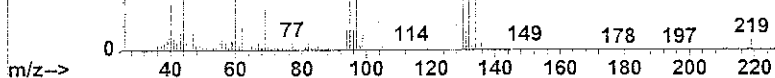


Abundance Scan 453 (14.167 min): VC062504.D (-)

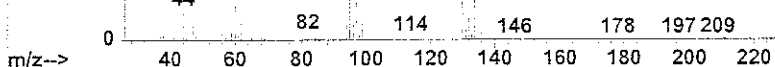
Ref 50



Raw 50

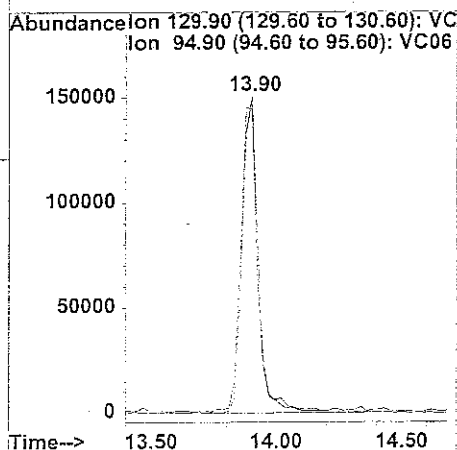


Sub 50



#21
Trichloroethene
Concen: 12.52 NG
RT: 13.90 min Scan# 442
Delta R.T. -0.00 min
Lab File: VC062704.D
Acq: 27 Jun 2003 10:14 am

Tgt Ion: 130 Resp: 674390
Ion Ratio Lower Upper
130 100
95 95.8 74.6 111.8



Abundance

Scan 673 (19.226 min): VC062504.D (-)

131 166

#29

Tetrachloroethene

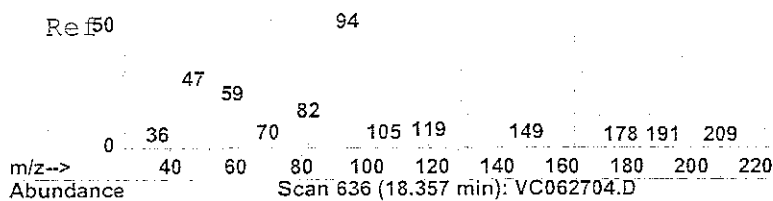
Concen: 562.66 NG

RT: 18.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: VC062704.D

Acq: 27 Jun 2003 10:14 am



Tgt Ion: 164 Resp: 17522529

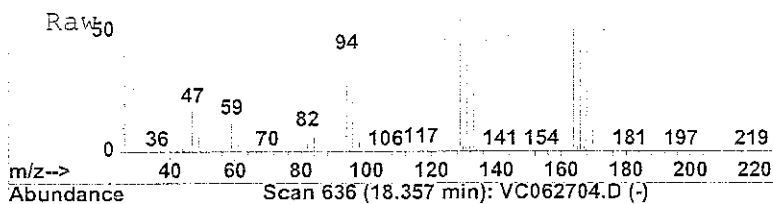
Ion Ratio Lower Upper

164 100

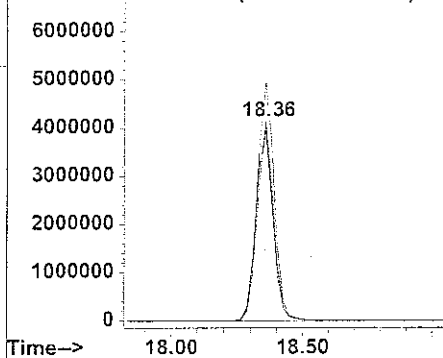
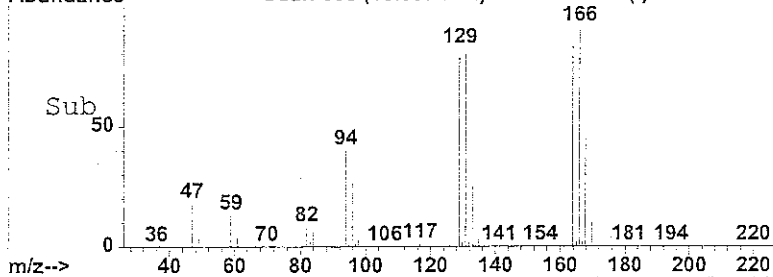
166 119.9 98.7 148.1

129 98.1 80.1 120.1

131 95.9 79.4 119.2



Abundance Ion 163.85 (163.55 to 164.55): VC
Ion 165.80 (165.50 to 166.50): VC
Ion 128.90 (128.60 to 129.60): VC
Ion 130.90 (130.60 to 131.60): VC



CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1210
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062704.D

LAB SAMPLE ID: R3042-11DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE	0.148	D	0.149
79-01-6	TRICHLOROETHENE	0.552	D	0.220
127-18-4	TETRACHLOROETHENE	26.354	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE
QUALIFIERS: U INDICATES COMPOUND NOT DETECTED
D INDICATES VALUES TAKEN FROM DILUTION RUN
E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE
* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1210
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062706.D

LAB SAMPLE ID: R3042-11DL2
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	32.073	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-135
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.001L
DATA FILE: VC062707.D

LAB SAMPLE ID: R3042-12
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	1.956
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.746
79-01-6	TRICHLOROETHENE	2.269		1.101
127-18-4	TETRACHLOROETHENE	226.362	E	1.171

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-135
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062708.D

LAB SAMPLE ID: R3042-12DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	56.148	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
 SAMPLE ID: 347-SG-145
 PROJECT: Melody Cleaners Soil Gas
 SAMPLE VOL: 0.05L
 DATA FILE: VC062710.D

LAB SAMPLE ID: R3042-13
 DATE SAMPLED: 6/24/03
 DATE RECEIVED: 6/25/03
 DATE ANALYZED: 6/27/03
 DIL FACT: 1
 ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.015
79-01-6	TRICHLOROETHENE	0.058		0.022
127-18-4	TETRACHLOROETHENE	6.353	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
 SAMPLE ID: 347-SG-145
 PROJECT: Melody Cleaners Soil Gas
 SAMPLE VOL: 0.00025L
 DATA FILE: VC062711.D

LAB SAMPLE ID: R3042-13DL
 DATE SAMPLED: 6/24/03
 DATE RECEIVED: 6/25/03
 DATE ANALYZED: 6/27/03
 DIL FACT: 1
 ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	7.824
156-59-2	CIS-1,2-DICHLOROETHENE		UD	2.985
79-01-6	TRICHLOROETHENE		UD	4.405
127-18-4	TETRACHLOROETHENE	30.895	D	4.684

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1310
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062712.D

LAB SAMPLE ID: R3042-14
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.015
79-01-6	TRICHLOROETHENE	0.256		0.022
127-18-4	TETRACHLOROETHENE	8.145	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1310
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062713.D

LAB SAMPLE ID: R3042-14DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	44.158	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1410
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062714.D

LAB SAMPLE ID: R3042-15
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.015
79-01-6	TRICHLOROETHENE	0.041		0.022
127-18-4	TETRACHLOROETHENE	5.033	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1410
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062715.D

LAB SAMPLE ID: R3042-15DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	18.150	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-155
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062716.D

LAB SAMPLE ID: R3042-16
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.015
79-01-6	TRICHLOROETHENE	0.055		0.022
127-18-4	TETRACHLOROETHENE	5.662	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-155
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062717.D

LAB SAMPLE ID: R3042-16DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	12.494	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-165
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062718.D

LAB SAMPLE ID: R3042-17
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.015
79-01-6	TRICHLOROETHENE	0.025		0.022
127-18-4	TETRACHLOROETHENE	3.804	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-165
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.002L
DATA FILE: VC062719.D

LAB SAMPLE ID: R3042-17DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.978
156-59-2	CIS-1,2-DICHLOROETHENE		UD	0.373
79-01-6	TRICHLOROETHENE		UD	0.551
127-18-4	TETRACHLOROETHENE	5.425	D	0.585

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
 SAMPLE ID: 347-SG-1510
 PROJECT: Melody Cleaners Soil Gas
 SAMPLE VOL: 0.05L
 DATA FILE: VC062720.D

LAB SAMPLE ID: R3042-18
 DATE SAMPLED: 6/24/03
 DATE RECEIVED: 6/25/03
 DATE ANALYZED: 6/27/03
 DIL FACT: 1
 ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.015
79-01-6	TRICHLOROETHENE	0.094		0.022
127-18-4	TETRACHLOROETHENE	6.895	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
 SAMPLE ID: 347-SG-1510
 PROJECT: Melody Cleaners Soil Gas
 SAMPLE VOL: 0.00025L
 DATA FILE: VC062721.D

LAB SAMPLE ID: R3042-18DL
 DATE SAMPLED: 6/24/03
 DATE RECEIVED: 6/25/03
 DATE ANALYZED: 6/27/03
 DIL FACT: 1
 ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	7.824
156-59-2	CIS-1,2-DICHLOROETHENE		UD	2.985
79-01-6	TRICHLOROETHENE		UD	4.405
127-18-4	TETRACHLOROETHENE	32.029	D	4.684

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1610
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062722.D

LAB SAMPLE ID: R3042-19
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.015
79-01-6	TRICHLOROETHENE	0.037		0.022
127-18-4	TETRACHLOROETHENE	5.509	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1610
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.001L
DATA FILE: VC062723.D

LAB SAMPLE ID: R3042-19DL
DATE SAMPLED: 6/24/03
DATE RECEIVED: 6/25/03
DATE ANALYZED: 6/27/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	1.956
156-59-2	CIS-1,2-DICHLOROETHENE		UD	0.746
79-01-6	TRICHLOROETHENE		UD	1.101
127-18-4	TETRACHLOROETHENE	7.281	D	1.171

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

134 Sheffield Street Mountainside NJ 07092
Tel. 908-789-3900

END OF ANALYTICAL RESULTS

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-FIELDBLANK82003
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083009.D

LAB SAMPLE ID: R3948-01
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.025
79-01-6	TRICHLOROETHENE		U	0.019
127-18-4	TETRACHLOROETHENE		U	0.015

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-FIELDBLANK82003
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083009.D

LAB SAMPLE ID: R3948-01
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	MG/M3	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.100
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.100
79-01-6	TRICHLOROETHENE		U	0.100
127-18-4	TETRACHLOROETHENE		U	0.100

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

COVER PAGE

Order R3049

ProjectID: Melody Cleaners Soil Gas

CustomerName Impact Environmental

LAB SAMPLE NO.

R3049-04

R3049-05

R3049-06

R3049-01

R3049-02

R3049-03

CLIENT SAMPLE NO

347-SG-1810

347-SG-195

347-SG-1910

347-SG-175

347-SG-185

347-SG-1710

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: [Signature] Name: Krupa Dubey
Date: 7/11/03 Title: QA/QC

NYDOH CERTIFICATION NO.11376

NJDEP CERTIFICATION NO. 20012

CASE NARRATIVE

Client: Impact Environmental
Project Name: Melody Cleaners Soil Gas
Project No: VCP-347-1
Chemtech project #: R3049

A. Number of Samples and Date of Receipt

6 Air samples were delivered to the laboratory intact on 06/26/03.

B. Parameters

Test requested on the Chain of Custody was TO-14. This data package contains results for Volatile Organic.

C. Analytical Techniques:

The analysis of Volatile Organic was based on Method TO-14. The analyses were performed on instrument MSVOA C using GC column RTX502.2 which is 40 meters, 0.18mm ID, 1.0 Um df, Catalog # 40915. The Purge Trap was supplied by Supelco, VO CARB 3000, Tekmar 3000.

D. QA/ QC Samples:

All samples were diluted due to high concentration of target compounds. Holding Times were met. Tuning Checks met requirements. Calibrations met requirements. Blank analysis did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature_____

Name: Krupa Dubey

Date: _____

Title: QA/QC

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Impact Environmental
ADDRESS: 1 Village Plaza
CITY: Kings Park STATE: NY ZIP: 11754
ATTENTION: Kevin Klecka
PHONE: 631-269-8800 FAX: 631-269-1559

PROJECT INFORMATION

PROJECT NAME: Melody Cleaners Site
PROJECT NO.: WCP-347-1 LOCATION: East Meadow
PROJECT MANAGER: Richard Parrish
E-MAIL: _____
PHONE: _____ FAX: _____

BILLING INFORMATION

BILL TO: SAME PO #: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____
ATTENTION: 16 PHONE: _____

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: NO LHM DAYS *
EDD: _____ DAYS *
* TO BE APPROVED BY CHEMTECH
** NORMAL TURNAROUND TIME - 14 DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ NYS ASP "B"
☐ NJ REDUCED ☐ NYS ASP "A"
☐ NJ CLP ☐ EDD
☐ EDD FORMAT: _____

ANALYSIS

1 Full 8260 (low vol) w/
2 PCE
3 TCE
4 CIS 1,2-DCE
5 VC
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	347-GP-18 (38'-42')	L	X	X	6/24/03	2 ⁰⁰	2	X									
2.	1 347-SG-17 (5')	Air	X	X	6/25/03	7 ³⁰	1		X	X	X	X					
3.	2 347-SG-18 (5')	Air	X	X	6/25/03	7 ⁴⁵	1		X	X	X	X					
4.	3 347-SG-17 (10')	Air	X	X	6/25/03	8 ⁰⁰	1		X	X	X	X					
5.	4 347-SG-18 (10')	Air	X	X	6/25/03	8 ¹⁵	1		X	X	X	X					
6.	5 347-SG-19 (5')	Air	X	X	6/25/03	9 ⁰⁰	1		X	X	X	X					
7.	6 347-SG-19 (10')	Air	X	X	6/25/03	9 ⁴⁰	1		X	X	X	X					
8.	Sample 347-GP-18 (38'-42') is in Project # R3048																

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

RELINQUISHED BY: <u>1</u>	DATE/TIME: <u>6/25/03 10³⁰</u>	RECEIVED BY: <u>1</u>	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non-Compliant ☒ Temp. of Cooler <u>4</u> MeOH extractions requires an additional 4oz. jar for percent solid. Comments: <u>(Air method to 14 w/ ASP "A")</u>
RELINQUISHED BY: <u>2</u>	DATE/TIME: _____	RECEIVED BY: <u>2</u>	
RELINQUISHED BY: <u>3</u>	DATE/TIME: <u>10/4/05</u>	RECEIVED FOR LAB BY: <u>3</u>	

Page 1 of 1

Shipped Via: Client ☐ Hand Delivered ☐ Overnight ☒ Overnight ☐ Shipment Complete ☒ Yes ☐ No

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-175
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062724.D

LAB SAMPLE ID: R3049-01
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.534	E	0.015
79-01-6	TRICHLOROETHENE	1.580	E	0.022
127-18-4	TETRACHLOROETHENE	9.477	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE
QUALIFIERS: U INDICATES COMPOUND NOT DETECTED
D INDICATES VALUES TAKEN FROM DILUTION RUN
E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE
* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-175
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062725.D

LAB SAMPLE ID: R3049-01DL
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE	0.662	D	0.149
79-01-6	TRICHLOROETHENE	1.993	D	0.220
127-18-4	TETRACHLOROETHENE	57.020	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-175
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0002L
DATA FILE: VC062726.D

LAB SAMPLE ID: R3049-01DL2
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	9.780
156-59-2	CIS-1,2-DICHLOROETHENE		UD	3.732
79-01-6	TRICHLOROETHENE		UD	5.507
127-18-4	TETRACHLOROETHENE	99.849	D	5.855

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-185
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062727.D

LAB SAMPLE ID: R3049-02
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.279		0.015
79-01-6	TRICHLOROETHENE	2.685	E	0.022
127-18-4	TETRACHLOROETHENE	7.545	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-185
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0025L
DATA FILE: VC062728.D

LAB SAMPLE ID: R3049-02DL
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.782
156-59-2	CIS-1,2-DICHLOROETHENE	0.320	D	0.299
79-01-6	TRICHLOROETHENE	3.882	D	0.441
127-18-4	TETRACHLOROETHENE	121.757	E	0.468

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE
QUALIFIERS: U INDICATES COMPOUND NOT DETECTED
D INDICATES VALUES TAKEN FROM DILUTION RUN
E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE
* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-185
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.00005L
DATA FILE: VC062729.D

LAB SAMPLE ID: R3049-02DL2
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	39.120
156-59-2	CIS-1,2-DICHLOROETHENE		UD	14.927
79-01-6	TRICHLOROETHENE		UD	22.027
127-18-4	TETRACHLOROETHENE	284.407	D	23.420

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1710
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062804.D

LAB SAMPLE ID: R3049-03
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.617	E	0.015
79-01-6	TRICHLOROETHENE	1.867	E	0.022
127-18-4	TETRACHLOROETHENE	10.242	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE
QUALIFIERS: U INDICATES COMPOUND NOT DETECTED
D INDICATES VALUES TAKEN FROM DILUTION RUN
E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE
* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1710
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062805.D

LAB SAMPLE ID: R3049-03DL
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE	0.574	D	0.149
79-01-6	TRICHLOROETHENE	1.663	D	0.220
127-18-4	TETRACHLOROETHENE	60.681	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1710
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0001L
DATA FILE: VC062806.D

LAB SAMPLE ID: R3049-03DL2
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	19.560
156-59-2	CIS-1,2-DICHLOROETHENE		UD	7.463
79-01-6	TRICHLOROETHENE		UD	11.014
127-18-4	TETRACHLOROETHENE	138.620	D	11.710

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1810
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.05L
DATA FILE: VC062807.D

LAB SAMPLE ID: R3049-04
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.194		0.015
79-01-6	TRICHLOROETHENE	1.700	E	0.022
127-18-4	TETRACHLOROETHENE	9.742	E	0.023

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1810
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.005L
DATA FILE: VC062808.D

LAB SAMPLE ID: R3049-04DL
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE	0.217	D	0.149
79-01-6	TRICHLOROETHENE	1.857	D	0.220
127-18-4	TETRACHLOROETHENE	58.932	E	0.234

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1810
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0001L
DATA FILE: VC062809.D

LAB SAMPLE ID: R3049-04DL2
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	19.560
156-59-2	CIS-1,2-DICHLOROETHENE		UD	7.463
79-01-6	TRICHLOROETHENE		UD	11.014
127-18-4	TETRACHLOROETHENE	33.443	D	11.710

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-195
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.01L
DATA FILE: VC062810.D

LAB SAMPLE ID: R3049-05
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.196
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.075
79-01-6	TRICHLOROETHENE	0.621		0.110
127-18-4	TETRACHLOROETHENE	32.268	E	0.117

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-195
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0001L
DATA FILE: VC062811.D

LAB SAMPLE ID: R3049-05DL
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	19.560
156-59-2	CIS-1,2-DICHLOROETHENE		UD	7.463
79-01-6	TRICHLOROETHENE		UD	11.014
127-18-4	TETRACHLOROETHENE	27.307	D	11.710

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1910
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.01L
DATA FILE: VC062812.D

LAB SAMPLE ID: R3049-06
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.196
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.075
79-01-6	TRICHLOROETHENE	0.380		0.110
127-18-4	TETRACHLOROETHENE	24.674	E	0.117

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-1910
PROJECT: Melody Cleaners Soil Gas
SAMPLE VOL: 0.0005L
DATA FILE: VC062813.D

LAB SAMPLE ID: R3049-06DL
DATE SAMPLED: 6/25/03
DATE RECEIVED: 6/26/03
DATE ANALYZED: 6/28/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	3.912
156-59-2	CIS-1,2-DICHLOROETHENE		UD	1.493
79-01-6	TRICHLOROETHENE		UD	2.203
127-18-4	TETRACHLOROETHENE	33.354	D	2.342

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-205
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083011.D

LAB SAMPLE ID: R3948-02
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.025
79-01-6	TRICHLOROETHENE		U	0.019
127-18-4	TETRACHLOROETHENE		U	0.015

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-205
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083011.D

LAB SAMPLE ID: R3948-02
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	MG/M3	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.100
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.100
79-01-6	TRICHLOROETHENE		U	0.100
127-18-4	TETRACHLOROETHENE		U	0.100

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-2010
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083012.D

LAB SAMPLE ID: R3948-03
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.025
79-01-6	TRICHLOROETHENE		U	0.019
127-18-4	TETRACHLOROETHENE		U	0.015

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE
QUALIFIERS: U INDICATES COMPOUND NOT DETECTED
D INDICATES VALUES TAKEN FROM DILUTION RUN
E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE
* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-2010
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083012.D

LAB SAMPLE ID: R3948-03
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	MG/M3	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.100
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.100
79-01-6	TRICHLOROETHENE		U	0.100
127-18-4	TETRACHLOROETHENE		U	0.100

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
 SAMPLE ID: 347-SG-215
 PROJECT: MELODY CLEANERS DRY WELLS
 SAMPLE VOL: 0.05L
 DATA FILE: VC083013.D

LAB SAMPLE ID: R3948-04
 DATE SAMPLED: 8/20/03
 DATE RECEIVED: 8/21/03
 DATE ANALYZED: 8/31/03
 DIL FACT: 1
 ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.025
* 79-01-6	TRICHLOROETHENE		U	0.019
127-18-4	TETRACHLOROETHENE		U	0.015

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-215
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083013.D

LAB SAMPLE ID: R3948-04
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	MG/M3	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.100
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.100
79-01-6	TRICHLOROETHENE		U	0.100
127-18-4	TETRACHLOROETHENE		U	0.100

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-2110
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083014.D

LAB SAMPLE ID: R3948-05
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.025
79-01-6	TRICHLOROETHENE		U	0.019
127-18-4	TETRACHLOROETHENE		U	0.015

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-2110
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083014.D

LAB SAMPLE ID: R3948-05
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	MG/M3	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.100
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.100
79-01-6	TRICHLOROETHENE		U	0.100
127-18-4	TETRACHLOROETHENE		U	0.100

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-225
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083015.D

LAB SAMPLE ID: R3948-06
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.025
79-01-6	TRICHLOROETHENE		U	0.019
127-18-4	TETRACHLOROETHENE		U	0.015

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-225
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083015.D

LAB SAMPLE ID: R3948-06
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	MG/M3	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.100
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.100
79-01-6	TRICHLOROETHENE		U	0.100
127-18-4	TETRACHLOROETHENE		U	0.100

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
 SAMPLE ID: 347-SG-2210
 PROJECT: MELODY CLEANERS DRY WELLS
 SAMPLE VOL: 0.05L
 DATA FILE: VC083016.D

LAB SAMPLE ID: R3948-07
 DATE SAMPLED: 8/20/03
 DATE RECEIVED: 8/21/03
 DATE ANALYZED: 8/31/03
 DIL FACT: 1
 ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.025
79-01-6	TRICHLOROETHENE		U	0.019
127-18-4	TETRACHLOROETHENE		U	0.015

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-2210
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083016.D

LAB SAMPLE ID: R3948-07
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	MG/M3	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.100
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.100
79-01-6	TRICHLOROETHENE		U	0.100
127-18-4	TETRACHLOROETHENE		U	0.100

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-235
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083018.D

LAB SAMPLE ID: R3948-08
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE	0.046		0.025
79-01-6	TRICHLOROETHENE	0.210		0.019
127-18-4	TETRACHLOROETHENE	0.959	E	0.015

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-235
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083018.D

LAB SAMPLE ID: R3948-08
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	MG/M3	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.100
156-59-2	CIS-1,2-DICHLOROETHENE	0.182		0.100
79-01-6	TRICHLOROETHENE	1.130		0.100
127-18-4	TETRACHLOROETHENE	6.506	E	0.100

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-235
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.005L
DATA FILE: VC083019.D

LAB SAMPLE ID: R3948-08DL
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		UD	0.391
156-59-2	CIS-1,2-DICHLOROETHENE		UD	0.252
79-01-6	TRICHLOROETHENE	0.248	D	0.186
127-18-4	TETRACHLOROETHENE	1.104	D	0.147

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH

TEDLAR BAG ANALYSIS BY GC/MS VOA

CLIENT: Impact Environmental
 SAMPLE ID: 347-SG-235
 PROJECT: MELODY CLEANERS DRY WELLS
 SAMPLE VOL: 0.005L
 DATA FILE: VC083019.D

LAB SAMPLE ID: R3948-08DL
 DATE SAMPLED: 8/20/03
 DATE RECEIVED: 8/21/03
 DATE ANALYZED: 8/31/03
 DIL FACT: 1
 ANALYST: SR

CAS #	COMPOUND	MG/M3	Q	MDL
75-01-4	VINYL CHLORIDE		UD	1.000
156-59-2	CIS-1,2-DICHLOROETHENE		UD	1.000
79-01-6	TRICHLOROETHENE	1.334	D	1.000
127-18-4	TETRACHLOROETHENE	7.484	D	1.000

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-2310
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083017.D

LAB SAMPLE ID: R3948-09
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	PPMV	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.039
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.025
79-01-6	TRICHLOROETHENE		U	0.019
127-18-4	TETRACHLOROETHENE		U	0.015

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL. ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

CHEMTECH**TEDLAR BAG ANALYSIS BY GC/MS VOA**

CLIENT: Impact Environmental
SAMPLE ID: 347-SG-2310
PROJECT: MELODY CLEANERS DRY WELLS
SAMPLE VOL: 0.05L
DATA FILE: VC083017.D

LAB SAMPLE ID: R3948-09
DATE SAMPLED: 8/20/03
DATE RECEIVED: 8/21/03
DATE ANALYZED: 8/31/03
DIL FACT: 1
ANALYST: SR

CAS #	COMPOUND	MG/M3	Q	MDL
75-01-4	VINYL CHLORIDE		U	0.100
156-59-2	CIS-1,2-DICHLOROETHENE		U	0.100
79-01-6	TRICHLOROETHENE		U	0.100
127-18-4	TETRACHLOROETHENE		U	0.100

MDL=METHOD DETECTION LIMIT

Q=QUALIFIERS J INDICATES DETECTED BELOW MDL, ESTIMATED VALUE

QUALIFIERS: U INDICATES COMPOUND NOT DETECTED

D INDICATES VALUES TAKEN FROM DILUTION RUN

E INDICATES COMPOUND RESULT EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE

* CALCULATED AS n-HEXANE, ESTIMATED VALUE

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.

CHEMTECH

134 Sheffield Street Mountainside NJ 07096
Tel. 908-789-3900

END OF ANALYTICAL RESULTS



6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

April 18, 2003

DOH ELAP# 11626

Mr. Kevin Kleaka
Impact Environmental
1 Village Plaza
Kings Park, NY 11754

Client Account# 15639

Login# L92034

Dear Mr. Kleaka:

Enclosed are the analytical results of the samples received by our laboratory April 15, 2003. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report.

Results in this report are based on the sampling data provided by the client. Unless otherwise requested, all samples will be discarded thirty days from the date of this report.

We strive to make our reporting format clear and understandable and hope you are thoroughly satisfied with our services.

Galson Laboratories is uniquely qualified to meet your needs for accurate and timely industrial hygiene analyses. Accredited by the American Industrial Hygiene Association since 1976, we perform all analyses according to NIOSH or OSHA-approved analytical methods. Galson Laboratories is committed to providing quality analyses and exceptional customer service.

Please contact your client service representative, Mike Palmer at (888) 577-5227, extension 232, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

A handwritten signature in black ink, appearing to read "F. Joseph Unangst", with the word "FOR" written below it.

F. Joseph Unangst
Laboratory Director

Enclosure(s)





6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : Impact Environmental
Site : Melody Cleaners
Project No. : 99-455

Date Sampled : 11-APR-03 - 12-APR-03 Account No.: 15639
Date Received : 15-APR-03 Login No. : L92034
Date Analyzed : 16-APR-03

Perchloroethylene

<u>Sample ID</u>	<u>Lab ID</u>	<u>Time minutes</u>	<u>Total ug</u>	<u>Conc ug/m3</u>
2050 HEMPSTEAD TPK	L92034-1	1420	28.0	676
2052 FRONT ST.	L92034-2	1460	5.24	123
2088 6TH ST.	L92034-3	1415	2.31	56

COMMENTS: Total ug corrected for a desorption efficiency of 103%.

Level of quantitation: 0.03 ug
Analytical Method : NYS DOH 311-9
OSHA PEL (TWA) : 100 ppm
Collection Media : OVM

Submitted by: AS
Approved by : JMT
Date : 18-APR-03
QC by:
NYS DOH # : 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



**Galson**

Laboratories

6601 Kirkville Road

P.O. Box 369

E. Syracuse, NY 13057-0369

Tel: (315) 437-7252 888-577-Labs (5227)

Fax: (315) 437-0571

Request For Industrial Hygiene AnalysisCompany Name: Impact Environmental Account #:Site Name: Melody CleanersSampled By: Hal Benjamin Project #: 99-455☐ Check if
Change of
AddressReport to: Kevin KleakaInvoice to: Same as reportImpact Environmental1 Village PlazaKings Park, NY 11754Phone: (631) 269-8800

Phone: ()

☐ Purchase order number:☒ Verbal Authorization: Hal Benjamin☐ Credit Card (type):

Card #:

Exp Date:

☒ Standard Turn-Around Time (5 business days)☐ Same Day (SD)

Next Day (ND)

☐ 12PM☐ 5PM☐ 2 Day☐ 3 Day☐ 4 Day

Surcharges: SD = 200%

ND by 12PM = 150%

ND by 5PM = 100%

2 Day = 75%

3 Day = 50%

4 Day = 35%

☒ Fax Results to: Kevin KleakaFax #: (631) 269-1599☐ Email Results to:

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Requested	Method Reference
2050 Hempstead Trk. (Basement)	4/11-12/03	QV8336 3M3500	1420 min.	NYSDOH 311-9	Perc.
2052 Front St. (Basement)	4/11-12/03	QV8405	1460 min.	NYSDOH 311-9	Perc.
2088 6th St. (Basement)	4/11-12/03	QV8120 1/23	1415 min.	NYSDOH 311-9	Perc.

If blanks are not submitted, our policy states that a laboratory blank will be added for each analyte and it will be charged at the normal rate. IF YOU DO NOT WANT A LABORATORY BLANK ADDED PLEASE CHECK BOX ☒

*For passive monitors please list time exposed in minutes.

Comments (Please list any known interferences present in sampling area):

Chain of Custody

Print Name

Signature

Date/Time

Relinquished by:

Hal Benjamin

Received by LAB.

Bruce BaxterBruce Baxter4-14-03/1230

04-5-03 10:09 RCV

Samples received after 3pm will be considered as next day's business.

LABORATORY ANALYSIS REPORT



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571

www.galsonlabs.com

Client : Impact Environmental
Site : Melody Cleaners
Project No. : 99-455

Date Sampled : 11-APR-03 - 12-APR-03 Account No.: 15639
Date Received : 15-APR-03 Login No. : L92034
Date Analyzed : 16-APR-03

Client ID : 2052 FRONT ST.

Lab ID : L92034-2

Time : 1460 Minutes

<u>Parameter</u>	<u>LOQ</u> <u>ug</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>ug/m3</u>
Perchloroethylene	0.03	5.24	123

COMMENTS: Total ug corrected for a desorption efficiency of 103%.
Analytical method: NYSDOH 311-9.

Collection Media : OVM

Submitted by: AS
Approved by : JMT
Date : 18-APR-03
QC by: *[Signature]*
NYS DOH # : 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571

www.galsonlabs.com

Client : Impact Environmental
Site : Melody Cleaners
Project No. : 99-455

Date Sampled : 07-MAY-03 - 08-MAY-03 Account No.: 15639
Date Received : 09-MAY-03 Login No. : L92773
Date Analyzed : 14-MAY-03 - 15-MAY-03

Client ID : 2052 FRONT ST.-BSMNT

Lab ID : L92773-2

Time : 1500 Minutes

<u>Parameter</u>	<u>LOQ</u> <u>ug</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>ug/m3</u>
Perchloroethylene	0.03	3.29	75

COMMENTS: Analytical method: NYS DOH 311-9

Collection Media : OVM

Submitted by: AS

Approved by : jal

Date : 16-MAY-03

QC by:

NYS DOH # : 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : Impact Environmental
Site : Melody Cleaners
Project No. : 99-455

Date Sampled : 11-APR-03 - 12-APR-03 Account No.: 15639
Date Received : 15-APR-03 Login No. : L92034
Date Analyzed : 16-APR-03

Client ID : 2088 6TH ST.

Lab ID : L92034-3

Time : 1415 Minutes

Parameter	LOQ ug	Total ug	Conc ug/m3
Perchloroethylene	0.03	2.31	56

COMMENTS: Total ug corrected for a desorption efficiency of 103%.
Analytical method: NYSDOH 311-9.

Collection Media : OVM

Submitted by: AS
Approved by : JMT
Date : 18-APR-03
QC by: *[Signature]*
NYS DOH # : 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : Impact Environmental
Site : Melody Cleaners
Project No. : 99-455

Date Sampled : 07-MAY-03 - 08-MAY-03 Account No.: 15639
Date Received : 09-MAY-03 Login No. : L92773
Date Analyzed : 14-MAY-03 - 15-MAY-03

Client ID : 2080 HEMPSTEAD TPK

Lab ID : L92773-1

Time : 1510 Minutes

<u>Parameter</u>	<u>LOQ</u> <u>ug</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>ug/m3</u>
Perchloroethylene	0.3	30.5	692

COMMENTS: Analytical method: NYS DOH 311-9

Collection Media : OVM

Submitted by: AS
Approved by : jal
Date : 16-MAY-03
QC by: 
NYS DOH # : 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : Impact Environmental
Site : Melody Cleaners
Project No. : 99-455

Date Sampled : 07-MAY-03 - 08-MAY-03 Account No.: 15639
Date Received : 09-MAY-03 Login No. : L92773
Date Analyzed : 14-MAY-03 - 15-MAY-03

Client ID : 2088 6TH ST.-BSMT

Lab ID : L92773-3

Time : 1430 Minutes

<u>Parameter</u>	<u>LOQ</u> <u>ug</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>ug/m3</u>
Perchloroethylene	0.03	2.4	58

COMMENTS: Analytical method: NYS DOH 311-9

Collection Media : OVM

Submitted by: AS
Approved by : jal
Date : 16-MAY-03
QC by: 
NYS DOH #: 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

May 09, 2003

DOH ELAP# 11626

Mr. Kevin Kleaka
Impact Environmental
1 Village Plaza
Kings Park, NY 11754

Client Account# 15639

Login# L92034

Dear Mr. Kleaka:

Enclosed is the revised analytical report for the samples received by our laboratory April 15, 2003. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report.

Results in this report are based on the sampling data provided by the client. Unless otherwise requested, all samples will be discarded thirty days from the date of this report.

Please contact your client service representative, Mike Palmer at (888) 577-5227, extension 232, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

F. Joseph Unangst
Laboratory Director

Enclosure(s)



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : Impact Environmental
Site : Melody Cleaners
Project No. : 99-455
Date Sampled : 11-APR-03 - 12-APR-03 Account No.: 15639
Date Received : 15-APR-03 Login No. : L92034
Date Analyzed : 16-APR-03

Client ID : 2050 HEMPSTEAD TPK Lab ID : L92034-1 Time : 1420 Minutes

Parameter	LOQ ug	Total ug	Conc ug/m3
Perchloroethylene	0.03	28.0	676

COMMENTS: Total ug corrected for a desorption efficiency of 103%.
Analytical method: NYSDOH 311-9.

Collection Media : OVM

Submitted by: AS
Approved by : JMT
Date : 18-APR-03
QC by: *[Signature]*
NYS DOH # : 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Mr. Kevin Kleaka
Impact Environmental
1 Village Plaza
Kings Park, NY 11754

May 16, 2003

DOH ELAP# 11626

Account# 15639

Login# L92773

Dear Mr. Kleaka:

Enclosed are the analytical results of the samples received by our laboratory May 09, 2003. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report.

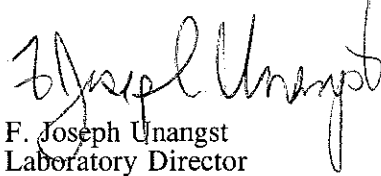
Results in this report are based on the sampling data provided by the client. Unless otherwise requested, all samples will be discarded thirty days from the date of this report.

Please contact your client service representative, Mike Palmer at (888) 577-5227, extension 232, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories



F. Joseph Unangst
Laboratory Director

Enclosure(s)



Galson
Laboratories
6601 Kirkville Road
P.O. Box 369
E. Syracuse, NY 13057-0369
Tel: (315) 437-7252 888-577-Labs (5227)
Fax: (315) 437-0571

Request For Industrial Hygiene Analysis

Company Name: Impact Environmental Account #:

Site Name: Melody Cleaners

Sampled By: Hal Benjamin Project #: 99-455

☐ Check if
Change of
Address

Report to: Kevin Kleaka Invoice to: Same

Impact Environmental

1 Village Plaza

Kings Park, NY 11754

Phone: (631) 269-8800

Phone: ()

☐ Purchase order number: _____ ☒ Verbal Authorization: Hal Benjamin

☐ Credit Card (type): _____ Card #: _____ Exp Date: _____

☒ Standard Turn-Around Time (5 business days)

☐ Same Day (SD)

Next Day(ND)

☐ 12PM

☐ 5PM

☐ 2 Day

☐ 3 Day

☐ 4 Day

Surcharges: SD = 200%

ND by 12PM = 150%

ND by 5PM = 100%

2 Day = 75%

3 Day = 50%

4 Day = 35%

☒ Fax Results to: Kevin Kleaka Fax #: (631) 269-1599

☐ Email Results to: _____

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Requested	Method Reference
<u>Basement</u> <u>2080 Hempstead Tpk</u>	<u>5/7+8/03</u>	<u>QV-8009</u> <u>3M5500</u>	<u>1510 min.</u>	<u>NYSDOH311-9</u>	<u>Perc.</u>
<u>Basement</u> <u>2052 Front St.</u>	<u>5/7+8/03</u>	<u>QV-8368</u>	<u>1500 min.</u>	<u>NYSDOH311-9</u>	<u>Perc.</u>
<u>Basement</u> <u>2088 6th St.</u>	<u>5/7+8/03</u>	<u>QV-8215</u>	<u>1430 min</u>	<u>NYSDOH311-9</u>	<u>Perc.</u>

If blanks are not submitted, our policy states that a laboratory blank will be added for each analyte and it will be charged at the normal rate. IF YOU DO NOT WANT A LABORATORY BLANK ADDED PLEASE CHECK BOX ☒

*For passive monitors please list time exposed in minutes.

Comments (Please list any known interferences present in sampling area):

Please provide separate printout of analysis
for each sample. Thanks.

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by:	<u>Hal Benjamin</u>	<u>[Signature]</u>	<u>5-8-03/1735</u>
Received by LAB.	<u>Bruce Baxter</u>	<u>[Signature]</u>	<u>05-09-03 A10:20</u>

Samples received after 3pm will be considered as next day's business.



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Mr. Kevin Kleaka
Impact Environmental
170 Keyland Court
Bohemia, NY 11716

August 29, 2003

DOH ELAP# 11626

Account# 15639

Login# L96109

Dear Mr. Kleaka:

Enclosed are the analytical results of the samples received by our laboratory August 22, 2003. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report.

Results in this report are based on the sampling data provided by the client and refer only to items tested. Unless otherwise requested, all samples will be discarded thirty days from the date of this report.

Please contact your client service representative, Client Services at (888) 577-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

F. Joseph Unangst
Laboratory Director

Enclosure(s)



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Mr. Kevin Kleaka
Impact Environmental
170 Keyland Court
Bohemia, NY 11716

August 29, 2003

DOH ELAP# 11626

Account# 15639

Login# L96107

Dear Mr. Kleaka:

Enclosed are the analytical results of the samples received by our laboratory August 22, 2003. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report.

Results in this report are based on the sampling data provided by the client and refer only to items tested. Unless otherwise requested, all samples will be discarded thirty days from the date of this report.

Please contact your client service representative, Client Services at (888) 577-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

F. Joseph Unangst
Laboratory Director

Enclosure(s)



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Mr. Kevin Kleaka
Impact Environmental
170 Keyland Court
Bohemia, NY 11716

August 29, 2003

DOH ELAP# 11626

Account# 15639

Login# L96105

Dear Mr. Kleaka:

Enclosed are the analytical results of the samples received by our laboratory August 22, 2003. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report.

Results in this report are based on the sampling data provided by the client and refer only to items tested. Unless otherwise requested, all samples will be discarded thirty days from the date of this report.

Please contact your client service representative, Client Services at (888) 577-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

F. Joseph Unangst
Laboratory Director

Enclosure(s)



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : Impact Environmental
Site : Melody Cleaners Site
Project No. : 99-455

Date Sampled : 20-AUG-03
Date Received : 22-AUG-03
Date Analyzed : 26-AUG-03

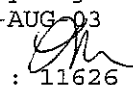
Account No.: 15639
Login No. : L96109

Perchloroethylene

<u>Sample ID</u>	<u>Lab ID</u>	<u>Time minutes</u>	<u>Total ug</u>	<u>Conc ug/m3</u>
2088 6TH ST. BASMT	L96109-1	1439	1.1	26

COMMENTS: Total ug corrected for a desorption efficiency of 103%.

Level of quantitation: 0.03 ug
Analytical Method : NYS DOH 311-9
OSHA PEL (TWA) : 100 ppm
Collection Media : OVM

Submitted by: DK
Approved by : jmt
Date : 29-AUG-03
QC by: 
NYS DOH # : 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



Galson

Laboratories

6601 Kirkville Road

P.O. Box 369

E. Syracuse, NY 13057-0369

Tel: (315) 437-7252 888-577-Labs (5227)

Fax: (315) 437-0571

Request For Industrial Hygiene Analysis

Company Name: Impact Environmental Account #:

Site Name: Melody Cleaners Site

Sampled By: Kevin Klecka Project #: 99-455

☐ Check if
Change of
Address

Report to: Kevin Klecka

Invoice to: Same

Impact Environmental

170 Keyland Court

Bohemia, NY 11716

Phone: (631) 269-8800

Phone: ()

☐ Purchase order number:

☐ Verbal Authorization:

☐ Credit Card (type):

Card #:

Exp Date:

☒ Standard Turn-Around Time (5 business days)

☐ Same Day (SD)

Next Day (ND)

☐ 12PM

☐ 5PM

☐ 2 Day

☐ 3 Day

☐ 4 Day

Surcharges: SD = 200%

ND by 12PM = 150%

ND by 5PM = 100%

2 Day = 75%

3 Day = 50%

4 Day = 35%

☒ Fax Results to: Kevin Klecka

Fax #: (631) 269-1599

☐ Email Results to:

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Requested	Method Reference
2050 Hempstead Tpk Basement	8/21/03	QK-1918 ³⁵⁰⁰	1443 min	NYS DOH 311-9	Perc.
2052 Front Street Basement	8/20+21/03	QK-1836	1443 min	"	Perc
2053 6th Street Basement	8/20+21/03	QK-1882	1439 min	"	Perc

If blanks are not submitted, our policy states that a laboratory blank will be added for each analyte and it will be charged at the normal rate. IF YOU DO NOT WANT A LABORATORY BLANK ADDED PLEASE CHECK BOX ☒

*For passive monitors please list time exposed in minutes.

Comments (Please list any known interferences present in sampling area):

Please provide seperate reports for each sample.

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by:	<u>[Signature]</u>	<u>K. Klecka</u>	<u>8/21/03/1236</u>
Received by LAB.	<u>H. Graff</u>	<u>[Signature]</u>	<u>08-22-03 10:17</u>

Samples received after 3pm will be considered as next day's business.



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : Impact Environmental
Site : Melody Cleaners Site
Project No. : 99-455

Date Sampled : 20-AUG-03
Date Received : 22-AUG-03
Date Analyzed : 26-AUG-03

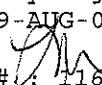
Account No.: 15639
Login No. : L96107

Perchloroethylene

<u>Sample ID</u>	<u>Lab ID</u>	<u>Time minutes</u>	<u>Total ug</u>	<u>Conc ug/m3</u>
2052 FRONT ST. BASM	L96107-1	1443	5.74	136

COMMENTS: Total ug corrected for a desorption efficiency of 103%.

Level of quantitation: 0.03 ug
Analytical Method : NYS DOH 311-9
OSHA PEL (TWA) : 100 ppm
Collection Media : OVM

Submitted by: DK
Approved by : jmt
Date : 29-AUG-03
QC by: 
NYS DOH #: 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



Galson

Laboratories

6601 Kirkville Road

P.O. Box 369

E. Syracuse, NY 13057-0369

Tel: (315) 437-7252 888-577-Labs (5227)

Fax: (315) 437-0571

Request For Industrial Hygiene Analysis

Company Name: Impact Environmental Account #:

Site Name: Melody Cleaners Site

Sampled By: Kevin Kleeka Project #: 99-455

☐ Check if
Change of
Address

Report to: Kevin Kleeka

Invoice to: Same

Impact Environmental

170 Keyland Court

Bohemia, NY 11716

Phone: (631) 269-8800

Phone: ()

☐ Purchase order number: _____ ☐ Verbal Authorization: _____

☐ Credit Card (type): _____ Card #: _____ Exp Date: _____

☒ Standard Turn-Around Time (5 business days)

☐ Same Day (SD)

Next Day (ND)

☐ 12PM

☐ 5PM

☐ 2 Day

☐ 3 Day

☒ 4 Day

Surcharges: SD = 200%

ND by 12PM = 150%

ND by 5PM = 100%

2 Day = 75%

3 Day = 50%

4 Day = 35%

☒ Fax Results to: Kevin Kleeka

Fax #: (631) 269-1599

☐ Email Results to: _____

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Requested	Method Reference
2050 Hempstead Tpk Basement	8/21/03	QK-1918 ³⁵⁰⁰ CV#	1443 min	NYSDOH 311-9	Perc.
2052 Front Street Basement	8/20+21/03	QK-1836	1443 min	"	Perc
2058 6th Street Basement	8/20+21/03	QK-1882	1439 min	"	Perc

If blanks are not submitted, our policy states that a laboratory blank will be added for each analyte and it will be charged at the normal rate. IF YOU DO NOT WANT A LABORATORY BLANK ADDED PLEASE CHECK BOX ☒

*For passive monitors please list time exposed in minutes.

Comments (Please list any known interferences present in sampling area):

Please provide seperate reports for each sample.

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by:	<u>[Signature]</u>	<u>K. Kleeka</u>	<u>8/21/03/1236</u>
Received by LAB:	<u>H. Graff</u>	<u>[Signature]</u>	<u>08-22-03 10:17</u>

Samples received after 3pm will be considered as next day's business.



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : Impact Environmental
Site : Melody Cleaners Site
Project No. : 99-455

Date Sampled : 20-AUG-03
Date Received : 22-AUG-03
Date Analyzed : 26-AUG-03

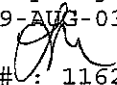
Account No.: 15639
Login No. : L96105

Perchloroethylene

<u>Sample ID</u>	<u>Lab ID</u>	<u>Time minutes</u>	<u>Total ug</u>	<u>Conc ug/m3</u>
2080 HEMPSTEAD BASMT	L96105-1	1443	45.3	1080

COMMENTS: Total ug corrected for a desorption efficiency of 103%.

Level of quantitation: 0.03 ug
Analytical Method : NYS DOH 311-9
OSHA PEL (TWA) : 100 ppm
Collection Media : OVM

Submitted by: DK
Approved by : jmt
Date : 29-AUG-03
QC by: 
NYS DOH #: 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



Galson

Laboratories

6601 Kirkville Road

P.O. Box 369

E. Syracuse, NY 13057-0369

Tel: (315) 437-7252 888-577-Labs (5227)

Fax: (315) 437-0571

Request For Industrial Hygiene Analysis

Company Name: Impact Environmental Account #:

Site Name: Melody Cleaners Site

Sampled By: Kevin Klecka Project #: 99-455

☐ Check if
Change of
Address

Report to: Kevin Klecka
Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Invoice to: Same

Phone: (631) 269-8800

Phone: ()

☐ Purchase order number: _____ ☐ Verbal Authorization: _____

☐ Credit Card (type): _____ Card #: _____ Exp Date: _____

☒ Standard Turn-Around Time (5 business days)

☐ Same Day (SD)

Next Day(ND)

☐ 12PM

☐ 5PM

☐ 2 Day

☐ 3 Day

☐ 4 Day

Surcharges: SD = 200%

ND by 12PM = 150%

ND by 5PM = 100%

2 Day= 75%

3 Day = 50%

4 Day = 35%

☒ Fax Results to: Kevin Klecka Fax #: (631) 269-1599

☐ Email Results to: _____

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Requested	Method Reference
✓ 2080 Hempstead Tpk Basement	8/21/03	QK-1918 ³⁵⁰⁰ OVH	1443 min	NYSDOH 311-9	Peru.
✓ 2052 Front Street Basement	8/20+21/03	QK-1836	1443 min	"	Peru
✓ 2088 6th Street Basement	8/20+21/03	QK-1882 ¹⁴⁶	1439 min	"	Peru

If blanks are not submitted, our policy states that a laboratory blank will be added for each analyte and it will be charged at the normal rate. IF YOU DO NOT WANT A LABORATORY BLANK ADDED PLEASE CHECK BOX ☒

*For passive monitors please list time exposed in minutes.

Comments (Please list any known interferences present in sampling area):

Please provide seperate reports for each sample.

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by:	<u>[Signature]</u>	<u>K. Klecka</u>	<u>8/21/03/12³⁶</u>
Received by LAB.	<u>H. Gra</u>	<u>[Signature]</u>	<u>08-22-03 01:17 PM</u>

Samples received after 3pm will be considered as next day's business.

Mr. Kevin Kleaka
Impact Environmental
170 Keyland Court
Bohemia, NY 11716

December 04, 2003

DOH ELAP# 11626

Account# 15639

Login# L99452

Dear Mr. Kleaka:

Enclosed are the analytical results of the samples received by our laboratory November 25, 2003. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report.

Results in this report are based on the sampling data provided by the client and refer only to items tested. Unless otherwise requested, all samples will be discarded thirty days from the date of this report.

Please contact your client service representative, Client Services at (888) 577-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

F. Joseph Unangst
Laboratory Director

Enclosure(s)

Perchlorine

Galson Laboratories

6601 Kirkville Rd. E. Syracuse, NY 13057

LABORATORY ANALYSIS REPORT

Client : Impact Environmental
Site : Melody Cleaners Site
Project No. : VCP Site Code 347-1

Date Sampled : 20-NOV-03
Date Received : 25-NOV-03
Date Analyzed : 04-DEC-03

Account No.: 15639
Login No. : L99452

Perchloroethylene

<u>Sample ID</u>	<u>Lab ID</u>	<u>Time minutes</u>	<u>Total ug</u>	<u>Conc ug/m3</u>
2052 FRONT ST BSMT	L99452-1	1442	2.56	61

Wpsti

COMMENTS: Total ug corrected for a desorption efficiency of 103%.

Level of quantitation: 0.03 ug
Analytical Method : NYS DOH 311-9
OSHA PEL (TWA) : 100 ppm
Collection Media : OVM

Submitted by: AS
Approved by : jmt
Date : 04-DEC-03
QC by: QC STAFF
NYS DOH # : 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	

Mr. Kevin Kleaka
Impact Environmental
170 Keyland Court
Bohemia, NY 11716

December 04, 2003

DOH ELAP# 11626

Account# 15639

Login# L99451

Dear Mr. Kleaka:

Enclosed are the analytical results of the samples received by our laboratory November 25, 2003. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report.

Results in this report are based on the sampling data provided by the client and refer only to items tested. Unless otherwise requested, all samples will be discarded thirty days from the date of this report.

Please contact your client service representative, Client Services at (888) 577-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

F. Joseph Unangst
Laboratory Director

Enclosure(s)

Galson Laboratories

6601 Kirkville Rd. E. Syracuse, NY 13057

LABORATORY ANALYSIS REPORT

Client : Impact Environmental
Site : Melody Cleaners Site
Project No. : VCP Site Code 347-1

Date Sampled : 20-NOV-03
Date Received : 25-NOV-03
Date Analyzed : 04-DEC-03

Account No.: 15639
Login No. : L99451

Perchloroethylene

<u>Sample ID</u>	<u>Lab ID</u>	<u>Time minutes</u>	<u>Total ug</u>	<u>Conc ug/m3</u>
2088 6TH ST. BSMT	L99451-1	1449	0.64	15

Capal do

COMMENTS: Total ug corrected for a desorption efficiency of 103%.

Level of quantitation: 0.03 ug
Analytical Method : NYS DOH 311-9
OSHA PEL (TWA) : 100 ppm
Collection Media : OVM

Submitted by: AS
Approved by : jmt
Date : 04-DEC-03
QC by: QC STAFF
NYS DOH # : 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	

Mr. Kevin Kleaka
Impact Environmental
170 Keyland Court
Bohemia, NY 11716

December 04, 2003

DOH ELAP# 11626

Account# 15639

Login# L99449

Dear Mr. Kleaka:

Enclosed are the analytical results of the samples received by our laboratory November 25, 2003. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report.

Results in this report are based on the sampling data provided by the client and refer only to items tested. Unless otherwise requested, all samples will be discarded thirty days from the date of this report.

Please contact your client service representative, Client Services at (888) 577-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

F. Joseph Unangst
Laboratory Director

Enclosure(s)

Galson Laboratories

6601 Kirkville Rd. E. Syracuse, NY 13057

LABORATORY ANALYSIS REPORT

Client : Impact Environmental
Site : Melody Cleaners Site
Project No. : VCP Site Code 347-1

Date Sampled : 20-NOV-03
Date Received : 25-NOV-03
Date Analyzed : 04-DEC-03

Account No.: 15639
Login No. : L99449

Perchloroethylene

Sample ID	Lab ID	Time minutes	Total ug	Conc ug/m3
2080 HEMPSTEAD TPK	L99449-1	1447	5.69	135

*Dunkin-
Donuts*

COMMENTS: Total ug corrected for a desorption efficiency of 103%.

Level of quantitation: 0.03 ug
Analytical Method : NYS DOH 311-9
OSHA PEL (TWA) : 100 ppm
Collection Media : OVM

Submitted by: AS
Approved by : jmt
Date : 04-DEC-03
QC by: QC STAFF
NYS DOH # : 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MELODY CLEANERS DRY WELLS

**IMPACT ENVIRONMENTAL
170 KEYLAND COURT
BOHEMIA, NY 11716
6312698800**

**CHEMTECH PROJECT NO.
ATTENTION:**

**R3948
Kevin Kleaka**

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-13

Client ID: 347-FIELDBLANK81903

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083005.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	0.77	J	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-13

Client ID: 347-FIELDBLANK81903

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083005.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	< 0.22	U	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-13

Client ID: 347-FIELDBLANK81903

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083005.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	0	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.73	107 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.63	76 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.35	104 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.6	96 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1099518	7.87			
1,4-Difluorobenzene	540-36-3	1331811	9.18			
Chlorobenzene-d5	3114-55-4	1046092	15.13			
1,4-Dichlorobenzene-d4	3855-82-1	566212	20.53			

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-14

Client ID: 347-TRIPBLANK82003

Date Collected: 8/20/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083006.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-14

Client ID: 347-TRIPBLANK82003

Date Collected: 8/20/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083006.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	< 0.22	U	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3048

Client: Impact Environmental

Sample ID: R3048-01

Client ID: 347-GP-1838-42

Date Collected: 6/24/03

Date Received: 6/26/03

Date Analyzed: 7/3/03

Matrix: WATER

File ID: VI070317.D

Analytical Run ID: VI070103

Dilution: 1

Instrument ID: MSVOAI

Analytical Method: 8260

Associated Blank: VBI0703W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	< 0.22	U	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3048

Client: Impact Environmental

Sample ID: R3048-01

Client ID: 347-GP-1838-42

Date Collected: 6/24/03

Date Received: 6/26/03

Date Analyzed: 7/3/03

Matrix: WATER

File ID: VI070317.D

Analytical Run ID: VI070103

Dilution: 1

Instrument ID: MSVOAI

Analytical Method: 8260

Associated Blank: VB10703W2

Sample Wt/Vol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L

SURROGATES

Dibromofluoromethane	1868-53-7	10.3	103 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	9.51	95 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.54	105 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.54	95 %	68 - 128		SPK: 10

INTERNAL STANDARDS

Pentafluorobenzene	363-72-4	280291	8.56			
1,4-Difluorobenzene	540-36-3	395355	10.03			
Chlorobenzene-d5	3114-55-4	285789	14.68			
1,4-Dichlorobenzene-d4	3855-82-1	128107	18.60			

TENTATIVE IDENTIFIED COMPOUNDS

Propene	115071	2.0	J	2.99		ug/L
1-Propene, 2-methyl-	115117	1.2	J	3.55		ug/L

Hit Summary Report

SDG No.: R3048

Order ID: R3048

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WELL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-GP-1838-42							
R3048-01	347-GP-1838-42	WATER	Methylene Chloride	2.2	B	1.0	0.21	ug/L
R3048-01	347-GP-1838-42	WATER	Propene	* 2.0	J	0	0	ug/L
R3048-01	347-GP-1838-42	WATER	1-Propene, 2-methyl-	* 1.2	J	0	0	ug/L
			Total VOC's:	2.20				
			Total TIC's:	3.20				
			Total VOC's and TIC's:	5.40				

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MELODY CLEANERS DRY WELLS

IMPACT ENVIRONMENTAL
170 KEYLAND COURT
BOHEMIA, NY 11716
6312698800

CHEMTECH PROJECT NO.
ATTENTION:

R4125
Kevin Kleaka

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-02

Client ID: 347-FIELDBLANK9403

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091205.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	1.1	B	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-02

Client ID: 347-FIELDBLANK9403

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091205.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	5.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	< 0.22	U	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-02

Client ID: 347-FIELDBLANK9403

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091205.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.42	104 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.59	76 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.22	102 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.43	94 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1121915	7.84			
1,4-Difluorobenzene	540-36-3	1346038	9.16			
Chlorobenzene-d5	3114-55-4	1058568	15.10			
1,4-Dichlorobenzene-d4	3855-82-1	581289	20.50			

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-03

Client ID: 347-TRIPBLANK9403

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091206.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	1.0	B	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-03

Client ID: 347-TRIPBLANK9403

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091206.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	5.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	< 0.22	U	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-03

Client ID: 347-TRIPBLANK9403

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091206.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	12.07	121 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	8.49	85 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	11.98	120 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	11.18	112 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1003658	7.85			
1,4-Difluorobenzene	540-36-3	1188920	9.15			
Chlorobenzene-d5	3114-55-4	928394	15.10			
1,4-Dichlorobenzene-d4	3855-82-1	522716	20.50			

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-01

Client ID: 347-GP-4120-124

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091209.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	1.0		1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	0.78	JB	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	3.3		1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	1.7		1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	1.9		1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-01

Client ID: 347-GP-4120-124

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091209.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	5.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	82	E	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-01

Client ID: 347-GP-4120-124

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091209.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L

SURROGATES

Dibromofluoromethane	1868-53-7	11.43	114 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.66	77 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	11.5	115 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.38	104 %	68 - 128		SPK: 10

INTERNAL STANDARDS

Pentafluorobenzene	363-72-4	1051352	7.84			
1,4-Difluorobenzene	540-36-3	1186230	9.16			
Chlorobenzene-d5	3114-55-4	945940	15.10			
1,4-Dichlorobenzene-d4	3855-82-1	514704	20.49			

TENTATIVE IDENTIFIED COMPOUNDS

Propene	115071	2.1	J	1.77		ug/L
1-Butene	106989	1.4	J	2.11		ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-01DL

Client ID: 347-GP-4120-124DL

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/15/03

Matrix: WATER

File ID: VF091505.D

Analytical Run ID: VG081903

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 1.6	UD	10	1.6	ug/L
Chloromethane	74-87-3	< 9.6	UD	10	9.6	ug/L
Vinyl chloride	75-01-4	< 2.6	UD	10	2.6	ug/L
Bromomethane	74-83-9	< 6.6	UD	10	6.6	ug/L
Chloroethane	75-00-3	< 2.4	UD	10	2.4	ug/L
Trichlorofluoromethane	75-69-4	< 1.6	UD	10	1.6	ug/L
tert-Butyl Alcohol	75-65-0	< 22	UD	50	22	ug/L
1,1-Dichloroethene	75-35-4	< 1.1	UD	10	1.1	ug/L
Acrolein	107-02-8	< 10	UD	50	10	ug/L
Acrylonitrile	107-13-1	< 44	UD	50	44	ug/L
Acetone	67-64-1	< 11	UD	50	11	ug/L
Carbon disulfide	75-15-0	< 1.7	UD	10	1.7	ug/L
Methyl tert-butyl Ether	1634-04-4	< 4.9	UD	10	4.9	ug/L
Methylene Chloride	75-09-2	7.5	JDB	10	2.1	ug/L
trans-1,2-Dichloroethene	156-60-5	< 2.7	UD	10	2.7	ug/L
Vinyl Acetate	108-05-4	< 14	UD	50	14	ug/L
1,1-Dichloroethane	75-34-3	< 0.11	UD	10	0.11	ug/L
2-Butanone	78-93-3	< 17	UD	50	17	ug/L
Carbon Tetrachloride	56-23-5	< 1.1	UD	10	1.1	ug/L
2,2-Dichloropropane	594-20-7	< 1.4	UD	10	1.4	ug/L
cis-1,2-Dichloroethene	156-59-2	< 3.6	UD	10	3.6	ug/L
Bromochloromethane	74-97-5	< 5.5	UD	10	5.5	ug/L
Chloroform	67-66-3	< 2.4	UD	10	2.4	ug/L
1,1,1-Trichloroethane	71-55-6	< 1.4	UD	10	1.4	ug/L
1,1-Dichloropropene	563-43-2	< 1.5	UD	10	1.5	ug/L
Benzene	71-43-2	< 1.4	UD	10	1.4	ug/L
1,2-Dichloroethane	107-06-2	< 3.8	UD	10	3.8	ug/L
Trichloroethene	79-01-6	< 2.7	UD	10	2.7	ug/L
1,2-Dichloropropane	78-87-5	< 2.6	UD	10	2.6	ug/L
Dibromomethane	74-95-3	< 5.0	UD	10	5.0	ug/L
Bromodichloromethane	75-27-4	< 3.1	UD	10	3.1	ug/L
4-Methyl-2-Pentanone	108-10-1	< 12	UD	50	12	ug/L
Toluene	108-88-3	< 1.8	UD	10	1.8	ug/L
t-1,3-Dichloropropene	10061-02-6	< 1.9	UD	10	1.9	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-01DL

Client ID: 347-GP-4120-124DL

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/15/03

Matrix: WATER

File ID: VF091505.D

Analytical Run ID: VG081903

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 2.0	UD	10	2.0	ug/L
1,1,2-Trichloroethane	79-00-5	< 4.9	UD	10	4.9	ug/L
1,3-Dichloropropane	142-28-9	< 6.3	UD	10	6.3	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 6.0	UD	50	6.0	ug/L
2-Hexanone	591-78-6	< 12	UD	50	12	ug/L
Dibromochloromethane	124-48-1	< 3.4	UD	10	3.4	ug/L
1,2-Dibromoethane	106-93-4	< 5.0	UD	10	5.0	ug/L
Tetrachloroethene	127-18-4	78	D	10	2.2	ug/L
Chlorobenzene	108-90-7	< 2.3	UD	10	2.3	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 2.4	UD	10	2.4	ug/L
Ethyl Benzene	100-41-4	< 1.5	UD	10	1.5	ug/L
m&p-Xylenes	136777-61-2	< 2.2	UD	20	2.2	ug/L
o-Xylene	95-47-6	< 1.9	UD	10	1.9	ug/L
Styrene	100-42-5	< 2.3	UD	10	2.3	ug/L
Bromoform	75-25-2	< 4.7	UD	10	4.7	ug/L
Isopropylbenzene	98-82-8	< 2.0	UD	10	2.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 5.9	UD	10	5.9	ug/L
1,2,3-Trichloropropane	96-18-4	< 5.4	UD	10	5.4	ug/L
Bromobenzene	108-86-1	< 2.4	UD	10	2.4	ug/L
n-propylbenzene	103-61-5	< 2.1	UD	10	2.1	ug/L
2-Chlorotoluene	95-49-8	< 3.4	UD	10	3.4	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 1.0	UD	10	1.0	ug/L
4-Chlorotoluene	106-43-4	< 3.6	UD	10	3.6	ug/L
tert-Butylbenzene	98-06-6	< 1.6	UD	10	1.6	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 1.0	UD	10	1.0	ug/L
Sec-butylbenzene	135-98-8	< 2.0	UD	10	2.0	ug/L
4-Isopropyltoluene	99-87-6	< 2.3	UD	10	2.3	ug/L
1,3-Dichlorobenzene	541-73-1	< 2.2	UD	10	2.2	ug/L
1,4-Dichlorobenzene	106-46-7	< 2.4	UD	10	2.4	ug/L
n-Butylbenzene	104-51-8	< 2.1	UD	10	2.1	ug/L
1,2-Dichlorobenzene	95-50-1	< 2.7	UD	10	2.7	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 6.1	UD	10	6.1	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 3.8	UD	10	3.8	ug/L
Hexachlorobutadiene	87-68-3	< 2.9	UD	10	2.9	ug/L
Naphthalene	91-20-3	< 8.2	UD	10	8.2	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-01DL

Client ID: 347-GP-4120-124DL

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/15/03

Matrix: WATER

File ID: VF091505.D

Analytical Run ID: VG081903

Dilution: 10

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 5.3	UD	10	5.3	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	11.2	112 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.85	79 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	11.45	115 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.42	104 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1242760	7.84			
1,4-Difluorobenzene	540-36-3	1482662	9.15			
Chlorobenzene-d5	3114-55-4	1167996	15.10			
1,4-Dichlorobenzene-d4	3855-82-1	638188	20.49			

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-04

Client ID: 347-GP-4100-104

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091210.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	0.69	JB	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	3.5		1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-04

Client ID: 347-GP-4100-104

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091210.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	5.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	980	E	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-04

Client ID: 347-GP-4100-104

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091210.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.08	101 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.02	70 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	9.62	96 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	8.11	81 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1102862	7.84			
1,4-Difluorobenzene	540-36-3	1324150	9.15			
Chlorobenzene-d5	3114-55-4	915975	15.10			
1,4-Dichlorobenzene-d4	3855-82-1	509535	20.49			

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-04DL

Client ID: 347-GP-4100-104DL

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/15/03

Matrix: WATER

File ID: VF091506.D

Analytical Run ID: VG081903

Dilution: 500

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 82	UD	500	82	ug/L
Chloromethane	74-87-3	< 480	UD	500	480	ug/L
Vinyl chloride	75-01-4	< 130	UD	500	130	ug/L
Bromomethane	74-83-9	< 330	UD	500	330	ug/L
Chloroethane	75-00-3	< 120	UD	500	120	ug/L
Trichlorofluoromethane	75-69-4	< 78	UD	500	78	ug/L
tert-Butyl Alcohol	75-65-0	< 1100	UD	2500	1100	ug/L
1,1-Dichloroethene	75-35-4	< 54	UD	500	54	ug/L
Acrolein	107-02-8	< 520	UD	2500	520	ug/L
Acrylonitrile	107-13-1	< 2200	UD	2500	2200	ug/L
Acetone	67-64-1	< 530	UD	2500	530	ug/L
Carbon disulfide	75-15-0	< 84	UD	500	84	ug/L
Methyl tert-butyl Ether	1634-04-4	< 240	UD	500	240	ug/L
Methylene Chloride	75-09-2	400	JDB	500	110	ug/L
trans-1,2-Dichloroethene	156-60-5	< 130	UD	500	130	ug/L
Vinyl Acetate	108-05-4	< 710	UD	2500	710	ug/L
1,1-Dichloroethane	75-34-3	< 5.7	UD	500	5.7	ug/L
2-Butanone	78-93-3	< 860	UD	2500	860	ug/L
Carbon Tetrachloride	56-23-5	< 57	UD	500	57	ug/L
2,2-Dichloropropane	594-20-7	< 71	UD	500	71	ug/L
cis-1,2-Dichloroethene	156-59-2	< 180	UD	500	180	ug/L
Bromochloromethane	74-97-5	< 270	UD	500	270	ug/L
Chloroform	67-66-3	< 120	UD	500	120	ug/L
1,1,1-Trichloroethane	71-55-6	< 69	UD	500	69	ug/L
1,1-Dichloropropene	563-43-2	< 74	UD	500	74	ug/L
Benzene	71-43-2	< 72	UD	500	72	ug/L
1,2-Dichloroethane	107-06-2	< 190	UD	500	190	ug/L
Trichloroethene	79-01-6	< 140	UD	500	140	ug/L
1,2-Dichloropropane	78-87-5	< 130	UD	500	130	ug/L
Dibromomethane	74-95-3	< 250	UD	500	250	ug/L
Bromodichloromethane	75-27-4	< 160	UD	500	160	ug/L
4-Methyl-2-Pentanone	108-10-1	< 580	UD	2500	580	ug/L
Toluene	108-88-3	< 90	UD	500	90	ug/L
t-1,3-Dichloropropene	10061-02-6	< 96	UD	500	96	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-04DL

Client ID: 347-GP-4100-104DL

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/15/03

Matrix: WATER

File ID: VF091506.D

Analytical Run ID: VG081903

Dilution: 500

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 100	UD	500	100	ug/L
1,1,2-Trichloroethane	79-00-5	< 250	UD	500	250	ug/L
1,3-Dichloropropane	142-28-9	< 310	UD	500	310	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 300	UD	2500	300	ug/L
2-Hexanone	591-78-6	< 580	UD	2500	580	ug/L
Dibromochloromethane	124-48-1	< 170	UD	500	170	ug/L
1,2-Dibromoethane	106-93-4	< 250	UD	500	250	ug/L
Tetrachloroethene	127-18-4	5100	D	500	110	ug/L
Chlorobenzene	108-90-7	< 120	UD	500	120	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 120	UD	500	120	ug/L
Ethyl Benzene	100-41-4	< 76	UD	500	76	ug/L
m&p-Xylenes	136777-61-2	< 110	UD	1000	110	ug/L
o-Xylene	95-47-6	< 96	UD	500	96	ug/L
Styrene	100-42-5	< 110	UD	500	110	ug/L
Bromoform	75-25-2	< 240	UD	500	240	ug/L
Isopropylbenzene	98-82-8	< 100	UD	500	100	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 290	UD	500	290	ug/L
1,2,3-Trichloropropane	96-18-4	< 270	UD	500	270	ug/L
Bromobenzene	108-86-1	< 120	UD	500	120	ug/L
n-propylbenzene	103-61-5	< 110	UD	500	110	ug/L
2-Chlorotoluene	95-49-8	< 170	UD	500	170	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 52	UD	500	52	ug/L
4-Chlorotoluene	106-43-4	< 180	UD	500	180	ug/L
tert-Butylbenzene	98-06-6	< 82	UD	500	82	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 52	UD	500	52	ug/L
Sec-butylbenzene	135-98-8	< 100	UD	500	100	ug/L
4-Isopropyltoluene	99-87-6	< 110	UD	500	110	ug/L
1,3-Dichlorobenzene	541-73-1	< 110	UD	500	110	ug/L
1,4-Dichlorobenzene	106-46-7	< 120	UD	500	120	ug/L
n-Butylbenzene	104-51-8	< 110	UD	500	110	ug/L
1,2-Dichlorobenzene	95-50-1	< 140	UD	500	140	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 300	UD	500	300	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 190	UD	500	190	ug/L
Hexachlorobutadiene	87-68-3	< 140	UD	500	140	ug/L
Naphthalene	91-20-3	< 410	UD	500	410	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-04DL

Client ID: 347-GP-4100-104DL

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/15/03

Matrix: WATER

File ID: VF091506.D

Analytical Run ID: VG081903

Dilution: 500

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 260	UD	500	260	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	11.31	113 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.99	80 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	11.47	115 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.4	104 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1228734	7.84			
1,4-Difluorobenzene	540-36-3	1463297	9.15			
Chlorobenzene-d5	3114-55-4	1148439	15.10			
1,4-Dichlorobenzene-d4	3855-82-1	622307	20.49			

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-05

Client ID: 347-GP-11120-124

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091211.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	0.77	JB	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	0.60	J	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	36		1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	20		1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-05

Client ID: 347-GP-11120-124

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091211.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	5.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	460	E	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-05

Client ID: 347-GP-11120-124

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091211.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.33	103 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.12	71 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.24	102 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.32	93 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	958513	7.84			
1,4-Difluorobenzene	540-36-3	1115099	9.15			
Chlorobenzene-d5	3114-55-4	871776	15.10			
1,4-Dichlorobenzene-d4	3855-82-1	474702	20.49			

Chemtech Consulting Group

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-05DL

Client ID: 347-GP-11120-124DL

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/15/03

Matrix: WATER

File ID: VF091507.D

Analytical Run ID: VG081903

Dilution: 100

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 16	UD	100	16	ug/L
Chloromethane	74-87-3	< 96	UD	100	96	ug/L
Vinyl chloride	75-01-4	< 26	UD	100	26	ug/L
Bromomethane	74-83-9	< 66	UD	100	66	ug/L
Chloroethane	75-00-3	< 24	UD	100	24	ug/L
Trichlorofluoromethane	75-69-4	< 16	UD	100	16	ug/L
tert-Butyl Alcohol	75-65-0	< 220	UD	500	220	ug/L
1,1-Dichloroethene	75-35-4	< 11	UD	100	11	ug/L
Acrolein	107-02-8	< 100	UD	500	100	ug/L
Acrylonitrile	107-13-1	< 440	UD	500	440	ug/L
Acetone	67-64-1	< 110	UD	500	110	ug/L
Carbon disulfide	75-15-0	< 17	UD	100	17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 49	UD	100	49	ug/L
Methylene Chloride	75-09-2	89	JDB	100	21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 27	UD	100	27	ug/L
Vinyl Acetate	108-05-4	< 140	UD	500	140	ug/L
1,1-Dichloroethane	75-34-3	< 1.1	UD	100	1.1	ug/L
2-Butanone	78-93-3	< 170	UD	500	170	ug/L
Carbon Tetrachloride	56-23-5	< 11	UD	100	11	ug/L
2,2-Dichloropropane	594-20-7	< 14	UD	100	14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 36	UD	100	36	ug/L
Bromochloromethane	74-97-5	< 55	UD	100	55	ug/L
Chloroform	67-66-3	< 24	UD	100	24	ug/L
1,1,1-Trichloroethane	71-55-6	< 14	UD	100	14	ug/L
1,1-Dichloropropene	563-43-2	< 15	UD	100	15	ug/L
Benzene	71-43-2	< 14	UD	100	14	ug/L
1,2-Dichloroethane	107-06-2	< 38	UD	100	38	ug/L
Trichloroethene	79-01-6	< 27	UD	100	27	ug/L
1,2-Dichloropropane	78-87-5	< 26	UD	100	26	ug/L
Dibromomethane	74-95-3	< 50	UD	100	50	ug/L
Bromodichloromethane	75-27-4	< 31	UD	100	31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 120	UD	500	120	ug/L
Toluene	108-88-3	< 18	UD	100	18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 19	UD	100	19	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-05DL

Client ID: 347-GP-11120-124DL

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/15/03

Matrix: WATER

File ID: VF091507.D

Analytical Run ID: VG081903

Dilution: 100

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 20	UD	100	20	ug/L
1,1,2-Trichloroethane	79-00-5	< 49	UD	100	49	ug/L
1,3-Dichloropropane	142-28-9	< 63	UD	100	63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 60	UD	500	60	ug/L
2-Hexanone	591-78-6	< 120	UD	500	120	ug/L
Dibromochloromethane	124-48-1	< 34	UD	100	34	ug/L
1,2-Dibromoethane	106-93-4	< 50	UD	100	50	ug/L
Tetrachloroethene	127-18-4	490	D	100	22	ug/L
Chlorobenzene	108-90-7	< 23	UD	100	23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 24	UD	100	24	ug/L
Ethyl Benzene	100-41-4	< 15	UD	100	15	ug/L
m&p-Xylenes	136777-61-2	< 22	UD	200	22	ug/L
o-Xylene	95-47-6	< 19	UD	100	19	ug/L
Styrene	100-42-5	< 23	UD	100	23	ug/L
Bromoform	75-25-2	< 47	UD	100	47	ug/L
Isopropylbenzene	98-82-8	< 20	UD	100	20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 59	UD	100	59	ug/L
1,2,3-Trichloropropane	96-18-4	< 54	UD	100	54	ug/L
Bromobenzene	108-86-1	< 24	UD	100	24	ug/L
n-propylbenzene	103-61-5	< 21	UD	100	21	ug/L
2-Chlorotoluene	95-49-8	< 34	UD	100	34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 10	UD	100	10	ug/L
4-Chlorotoluene	106-43-4	< 36	UD	100	36	ug/L
tert-Butylbenzene	98-06-6	< 16	UD	100	16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 10	UD	100	10	ug/L
Sec-butylbenzene	135-98-8	< 20	UD	100	20	ug/L
4-Isopropyltoluene	99-87-6	< 23	UD	100	23	ug/L
1,3-Dichlorobenzene	541-73-1	< 22	UD	100	22	ug/L
1,4-Dichlorobenzene	106-46-7	< 24	UD	100	24	ug/L
n-Butylbenzene	104-51-8	< 21	UD	100	21	ug/L
1,2-Dichlorobenzene	95-50-1	< 27	UD	100	27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 61	UD	100	61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 38	UD	100	38	ug/L
Hexachlorobutadiene	87-68-3	< 29	UD	100	29	ug/L
Naphthalene	91-20-3	< 82	UD	100	82	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-05DL

Client ID: 347-GP-11120-124DL

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/15/03

Matrix: WATER

File ID: VF091507.D

Analytical Run ID: VG081903

Dilution: 100

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 53	UD	100	53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	11.8	118 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	8.33	83 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	11.76	118 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.73	107 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1149156	7.84			
1,4-Difluorobenzene	540-36-3	1360997	9.15			
Chlorobenzene-d5	3114-55-4	1075850	15.10			
1,4-Dichlorobenzene-d4	3855-82-1	593494	20.49			

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-06

Client ID: 347-GP-11100-104

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091212.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	0.73	JB	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	0.66	J	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	44	E	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	27		1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-06

Client ID: 347-GP-11100-104

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091212.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	5.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	570	E	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-06

Client ID: 347-GP-11100-104

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/12/03

Matrix: WATER

File ID: VF091212.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0912W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	12.73	127 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	9.11	91 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	12.39	124 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	11.32	113 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	887384	7.84			
1,4-Difluorobenzene	540-36-3	1084090	9.15			
Chlorobenzene-d5	3114-55-4	827696	15.10			
1,4-Dichlorobenzene-d4	3855-82-1	452059	20.49			

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-06DL

Client ID: 347-GP-11100-104DL

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/16/03

Matrix: WATER

File ID: VF091508.D

Analytical Run ID: VG081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.82	UD	5.0	0.82	ug/L
Chloromethane	74-87-3	< 4.8	UD	5.0	4.8	ug/L
Vinyl chloride	75-01-4	< 1.3	UD	5.0	1.3	ug/L
Bromomethane	74-83-9	< 3.3	UD	5.0	3.3	ug/L
Chloroethane	75-00-3	< 1.2	UD	5.0	1.2	ug/L
Trichlorofluoromethane	75-69-4	< 0.78	UD	5.0	0.78	ug/L
tert-Butyl Alcohol	75-65-0	< 11	UD	25	11	ug/L
1,1-Dichloroethene	75-35-4	< 0.55	UD	5.0	0.55	ug/L
Acrolein	107-02-8	< 5.2	UD	25	5.2	ug/L
Acrylonitrile	107-13-1	< 22	UD	25	22	ug/L
Acetone	67-64-1	< 5.3	UD	25	5.3	ug/L
Carbon disulfide	75-15-0	< 0.84	UD	5.0	0.84	ug/L
Methyl tert-butyl Ether	1634-04-4	< 2.4	UD	5.0	2.4	ug/L
Methylene Chloride	75-09-2	4.1	JDB	5.0	1.1	ug/L
trans-1,2-Dichloroethene	156-60-5	< 1.3	UD	5.0	1.3	ug/L
Vinyl Acetate	108-05-4	< 7.1	UD	25	7.1	ug/L
1,1-Dichloroethane	75-34-3	< 0.06	UD	5.0	0.06	ug/L
2-Butanone	78-93-3	< 8.6	UD	25	8.6	ug/L
Carbon Tetrachloride	56-23-5	< 0.57	UD	5.0	0.57	ug/L
2,2-Dichloropropane	594-20-7	< 0.71	UD	5.0	0.71	ug/L
cis-1,2-Dichloroethene	156-59-2	36	D	5.0	1.8	ug/L
Bromochloromethane	74-97-5	< 2.7	UD	5.0	2.7	ug/L
Chloroform	67-66-3	< 1.2	UD	5.0	1.2	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.69	UD	5.0	0.69	ug/L
1,1-Dichloropropene	563-43-2	< 0.74	UD	5.0	0.74	ug/L
Benzene	71-43-2	< 0.72	UD	5.0	0.72	ug/L
1,2-Dichloroethane	107-06-2	< 1.9	UD	5.0	1.9	ug/L
Trichloroethene	79-01-6	22	D	5.0	1.4	ug/L
1,2-Dichloropropane	78-87-5	< 1.3	UD	5.0	1.3	ug/L
Dibromomethane	74-95-3	< 2.5	UD	5.0	2.5	ug/L
Bromodichloromethane	75-27-4	< 1.6	UD	5.0	1.6	ug/L
4-Methyl-2-Pentanone	108-10-1	< 5.8	UD	25	5.8	ug/L
Toluene	108-88-3	< 0.90	UD	5.0	0.90	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.96	UD	5.0	0.96	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-06DL

Client ID: 347-GP-11100-104DL

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/16/03

Matrix: WATER

File ID: VF091508.D

Analytical Run ID: VG081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 1.0	UD	5.0	1.0	ug/L
1,1,2-Trichloroethane	79-00-5	< 2.5	UD	5.0	2.5	ug/L
1,3-Dichloropropane	142-28-9	< 3.1	UD	5.0	3.1	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 3.0	UD	25	3.0	ug/L
2-Hexanone	591-78-6	< 5.8	UD	25	5.8	ug/L
Dibromochloromethane	124-48-1	< 1.7	UD	5.0	1.7	ug/L
1,2-Dibromoethane	106-93-4	< 2.5	UD	5.0	2.5	ug/L
Tetrachloroethene	127-18-4	< 610	ED	5.0	1.1	ug/L
Chlorobenzene	108-90-7	< 1.2	UD	5.0	1.2	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 1.2	UD	5.0	1.2	ug/L
Ethyl Benzene	100-41-4	< 0.76	UD	5.0	0.76	ug/L
m&p-Xylenes	136777-61-2	< 1.1	UD	10	1.1	ug/L
o-Xylene	95-47-6	< 0.96	UD	5.0	0.96	ug/L
Styrene	100-42-5	< 1.1	UD	5.0	1.1	ug/L
Bromoform	75-25-2	< 2.4	UD	5.0	2.4	ug/L
Isopropylbenzene	98-82-8	< 1.0	UD	5.0	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 2.9	UD	5.0	2.9	ug/L
1,2,3-Trichloropropane	96-18-4	< 2.7	UD	5.0	2.7	ug/L
Bromobenzene	108-86-1	< 1.2	UD	5.0	1.2	ug/L
n-propylbenzene	103-61-5	< 1.1	UD	5.0	1.1	ug/L
2-Chlorotoluene	95-49-8	< 1.7	UD	5.0	1.7	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.52	UD	5.0	0.52	ug/L
4-Chlorotoluene	106-43-4	< 1.8	UD	5.0	1.8	ug/L
tert-Butylbenzene	98-06-6	< 0.82	UD	5.0	0.82	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.52	UD	5.0	0.52	ug/L
Sec-butylbenzene	135-98-8	< 1.0	UD	5.0	1.0	ug/L
4-Isopropyltoluene	99-87-6	< 1.1	UD	5.0	1.1	ug/L
1,3-Dichlorobenzene	541-73-1	< 1.1	UD	5.0	1.1	ug/L
1,4-Dichlorobenzene	106-46-7	< 1.2	UD	5.0	1.2	ug/L
n-Butylbenzene	104-51-8	< 1.1	UD	5.0	1.1	ug/L
1,2-Dichlorobenzene	95-50-1	< 1.4	UD	5.0	1.4	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 3.0	UD	5.0	3.0	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 1.9	UD	5.0	1.9	ug/L
Hexachlorobutadiene	87-68-3	< 1.4	UD	5.0	1.4	ug/L
Naphthalene	91-20-3	< 4.1	UD	5.0	4.1	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-06DL

Client ID: 347-GP-11100-104DL

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/16/03

Matrix: WATER

File ID: VF091508.D

Analytical Run ID: VG081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 2.6	UD	5.0	2.6	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.97	110 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	8.02	80 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	11.11	111 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.31	103 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1217777	7.85			
1,4-Difluorobenzene	540-36-3	1467793	9.15			
Chlorobenzene-d5	3114-55-4	1136124	15.11			
1,4-Dichlorobenzene-d4	3855-82-1	616324	20.49			

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-06DL2

Client ID: 347-GP-11100-104DL2

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/16/03

Matrix: WATER

File ID: VF091509.D

Analytical Run ID: VG081903

Dilution: 100

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 16	UD	100	16	ug/L
Chloromethane	74-87-3	< 96	UD	100	96	ug/L
Vinyl chloride	75-01-4	< 26	UD	100	26	ug/L
Bromomethane	74-83-9	< 66	UD	100	66	ug/L
Chloroethane	75-00-3	< 24	UD	100	24	ug/L
Trichlorofluoromethane	75-69-4	< 16	UD	100	16	ug/L
tert-Butyl Alcohol	75-65-0	< 220	UD	500	220	ug/L
1,1-Dichloroethene	75-35-4	< 11	UD	100	11	ug/L
Acrolein	107-02-8	< 100	UD	500	100	ug/L
Acrylonitrile	107-13-1	< 440	UD	500	440	ug/L
Acetone	67-64-1	< 110	UD	500	110	ug/L
Carbon disulfide	75-15-0	< 17	UD	100	17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 49	UD	100	49	ug/L
Methylene Chloride	75-09-2	99	JDB	100	21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 27	UD	100	27	ug/L
Vinyl Acetate	108-05-4	< 140	UD	500	140	ug/L
1,1-Dichloroethane	75-34-3	< 1.1	UD	100	1.1	ug/L
2-Butanone	78-93-3	< 170	UD	500	170	ug/L
Carbon Tetrachloride	56-23-5	< 11	UD	100	11	ug/L
2,2-Dichloropropane	594-20-7	< 14	UD	100	14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 36	UD	100	36	ug/L
Bromochloromethane	74-97-5	< 55	UD	100	55	ug/L
Chloroform	67-66-3	< 24	UD	100	24	ug/L
1,1,1-Trichloroethane	71-55-6	< 14	UD	100	14	ug/L
1,1-Dichloropropene	563-43-2	< 15	UD	100	15	ug/L
Benzene	71-43-2	< 14	UD	100	14	ug/L
1,2-Dichloroethane	107-06-2	< 38	UD	100	38	ug/L
Trichloroethene	79-01-6	< 27	UD	100	27	ug/L
1,2-Dichloropropane	78-87-5	< 26	UD	100	26	ug/L
Dibromomethane	74-95-3	< 50	UD	100	50	ug/L
Bromodichloromethane	75-27-4	< 31	UD	100	31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 120	UD	500	120	ug/L
Toluene	108-88-3	< 18	UD	100	18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 19	UD	100	19	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-06DL2

Client ID: 347-GP-11100-104DL2

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/16/03

Matrix: WATER

File ID: VF091509.D

Analytical Run ID: VG081903

Dilution: 100

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 20	UD	100	20	ug/L
1,1,2-Trichloroethane	79-00-5	< 49	UD	100	49	ug/L
1,3-Dichloropropane	142-28-9	< 63	UD	100	63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 60	UD	500	60	ug/L
2-Hexanone	591-78-6	< 120	UD	500	120	ug/L
Dibromochloromethane	124-48-1	< 34	UD	100	34	ug/L
1,2-Dibromoethane	106-93-4	< 50	UD	100	50	ug/L
Tetrachloroethene	127-18-4	680	D	100	22	ug/L
Chlorobenzene	108-90-7	< 23	UD	100	23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 24	UD	100	24	ug/L
Ethyl Benzene	100-41-4	< 15	UD	100	15	ug/L
m&p-Xylenes	136777-61-2	< 22	UD	200	22	ug/L
o-Xylene	95-47-6	< 19	UD	100	19	ug/L
Styrene	100-42-5	< 23	UD	100	23	ug/L
Bromoform	75-25-2	< 47	UD	100	47	ug/L
Isopropylbenzene	98-82-8	< 20	UD	100	20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 59	UD	100	59	ug/L
1,2,3-Trichloropropane	96-18-4	< 54	UD	100	54	ug/L
Bromobenzene	108-86-1	< 24	UD	100	24	ug/L
n-propylbenzene	103-61-5	< 21	UD	100	21	ug/L
2-Chlorotoluene	95-49-8	< 34	UD	100	34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 10	UD	100	10	ug/L
4-Chlorotoluene	106-43-4	< 36	UD	100	36	ug/L
tert-Butylbenzene	98-06-6	< 16	UD	100	16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 10	UD	100	10	ug/L
Sec-butylbenzene	135-98-8	< 20	UD	100	20	ug/L
4-Isopropyltoluene	99-87-6	< 23	UD	100	23	ug/L
1,3-Dichlorobenzene	541-73-1	< 22	UD	100	22	ug/L
1,4-Dichlorobenzene	106-46-7	< 24	UD	100	24	ug/L
n-Butylbenzene	104-51-8	< 21	UD	100	21	ug/L
1,2-Dichlorobenzene	95-50-1	< 27	UD	100	27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 61	UD	100	61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 38	UD	100	38	ug/L
Hexachlorobutadiene	87-68-3	< 29	UD	100	29	ug/L
Naphthalene	91-20-3	< 82	UD	100	82	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-06DL2

Client ID: 347-GP-11100-104DL2

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/16/03

Matrix: WATER

File ID: VF091509.D

Analytical Run ID: VG081903

Dilution: 100

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 53	UD	100	53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	11.24	112 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	8.08	81 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	11.27	113 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.28	103 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1090535	7.84			
1,4-Difluorobenzene	540-36-3	1312071	9.15			
Chlorobenzene-d5	3114-55-4	1017030	15.10			
1,4-Dichlorobenzene-d4	3855-82-1	541869	20.49			

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-07

Client ID: 347-GP-10120-124

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/16/03

Matrix: WATER

File ID: VF091510.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	8.1		5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	1.4	B	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	1.2		1.0	0.01	ug/L
2-Butanone	78-93-3	6.1		5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-07

Client ID: 347-GP-10120-124

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/16/03

Matrix: WATER

File ID: VF091510.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	5.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	1.0		1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Chemtech Consulting Group

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-07

Client ID: 347-GP-10120-124

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/16/03

Matrix: WATER

File ID: VF091510.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	11.54	115 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	8.32	83 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	11.46	115 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.6	106 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1075704	7.84			
1,4-Difluorobenzene	540-36-3	1301644	9.15			
Chlorobenzene-d5	3114-55-4	1030382	15.10			
1,4-Dichlorobenzene-d4	3855-82-1	545385	20.50			
TENTATIVE IDENTIFIED COMPOUNDS						
Propene	115071	17	J	1.77		ug/L
Isobutane	75285	1.1	J	1.96		ug/L
1-Propene, 2-methyl-	115117	14	J	2.10		ug/L
1-Butene	106989	2.6	J	2.32		ug/L
Butane, 2-methyl-	78784	1.5	J	2.68		ug/L
1-Pentene	109671	4.8	J	2.96		ug/L
2-Pentene, (Z)-	627203	2.0	J	3.37		ug/L
Cyclopentene	142290	2.9	J	4.29		ug/L
Cyclopropane, propyl-	2415727	2.9	J	5.13		ug/L
2-Hexene	592438	1.3	J	5.93		ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-08

Client ID: 347-GP-10100-104

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/16/03

Matrix: WATER

File ID: VF091511.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	1.4		1.0	0.49	ug/L
Methylene Chloride	75-09-2	0.75	JB	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	1.5		1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	1.5		1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	2.1		1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	2.0		1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-08

Client ID: 347-GP-10100-104

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/16/03

Matrix: WATER

File ID: VF091511.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	5.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	1.1		1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R4125

Client: Impact Environmental

Sample ID: R4125-08

Client ID: 347-GP-10100-104

Date Collected: 9/4/03

Date Received: 9/5/03

Date Analyzed: 9/16/03

Matrix: WATER

File ID: VF091511.D

Analytical Run ID: VG081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0915W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	11.27	113 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	8.14	81 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	11.61	116 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.54	105 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1094942	7.84			
1,4-Difluorobenzene	540-36-3	1326434	9.15			
Chlorobenzene-d5	3114-55-4	1062875	15.10			
1,4-Dichlorobenzene-d4	3855-82-1	573861	20.49			
TENTATIVE IDENTIFIED COMPOUNDS						
Propene	115071	3.4	J	1.76		ug/L
1-Butene	106989	2.3	J	2.10		ug/L
1-Pentene	109671	1.0	J	2.95		ug/L

Hit Summary Report

SDG No.: R4125

Order ID: R4125

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-FIELDBLANK9403							
R4125-02	347-FIELDBLANK9	WATER	Methylene Chloride	1.1	B	1.0	0.21	ug/L
		Total VOC's:		1.10				
		Total TIC's:		0.00				
		Total VOC's and TIC's:		1.10				

Client ID: 347-GP-10100-104

R4125-08	347-GP-10100-104	WATER	Methyl tert-butyl Ether	1.4		1.0	0.49	ug/L
R4125-08	347-GP-10100-104	WATER	Methylene Chloride	0.75	JB	1.0	0.21	ug/L
R4125-08	347-GP-10100-104	WATER	1,1-Dichloroethane	1.5		1.0	0.01	ug/L
R4125-08	347-GP-10100-104	WATER	cis-1,2-Dichloroethene	1.5		1.0	0.36	ug/L
R4125-08	347-GP-10100-104	WATER	1,1,1-Trichloroethane	2.1		1.0	0.14	ug/L
R4125-08	347-GP-10100-104	WATER	Trichloroethene	2.0		1.0	0.27	ug/L
R4125-08	347-GP-10100-104	WATER	Tetrachloroethene	1.1		1.0	0.22	ug/L
R4125-08	347-GP-10100-104	WATER	Propene	* 3.4	J	0	0	ug/L
R4125-08	347-GP-10100-104	WATER	1-Butene	* 2.3	J	0	0	ug/L
R4125-08	347-GP-10100-104	WATER	1-Pentene	* 1.0	J	0	0	ug/L
		Total VOC's:		10.35				
		Total TIC's:		6.70				
		Total VOC's and TIC's:		17.05				

Client ID: 347-GP-10120-124

R4125-07	347-GP-10120-124	WATER	Acetone	8.1		5.0	1.1	ug/L
R4125-07	347-GP-10120-124	WATER	Methylene Chloride	1.4	B	1.0	0.21	ug/L
R4125-07	347-GP-10120-124	WATER	1,1-Dichloroethane	1.2		1.0	0.01	ug/L
R4125-07	347-GP-10120-124	WATER	2-Butanone	6.1		5.0	1.7	ug/L
R4125-07	347-GP-10120-124	WATER	Tetrachloroethene	1.0		1.0	0.22	ug/L
R4125-07	347-GP-10120-124	WATER	Propene	* 17	J	0	0	ug/L
R4125-07	347-GP-10120-124	WATER	Isobutane	* 1.1	J	0	0	ug/L
R4125-07	347-GP-10120-124	WATER	1-Propene, 2-methyl-	* 14	J	0	0	ug/L
R4125-07	347-GP-10120-124	WATER	1-Butene	* 2.6	J	0	0	ug/L
R4125-07	347-GP-10120-124	WATER	Butane, 2-methyl-	* 1.5	J	0	0	ug/L
R4125-07	347-GP-10120-124	WATER	1-Pentene	* 4.8	J	0	0	ug/L
R4125-07	347-GP-10120-124	WATER	2-Pentene, (Z)-	* 2.0	J	0	0	ug/L
R4125-07	347-GP-10120-124	WATER	Cyclopentene	* 2.9	J	0	0	ug/L
R4125-07	347-GP-10120-124	WATER	Cyclopropane, propyl-	* 2.9	J	0	0	ug/L
R4125-07	347-GP-10120-124	WATER	2-Hexene	* 1.3	J	0	0	ug/L
		Total VOC's:		17.80				
		Total TIC's:		50.10				
		Total VOC's and TIC's:		67.90				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: R4125

Order ID: R4125

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-GP-11100-104							
R4125-06	347-GP-11100-104	WATER	Methylene Chloride	0.73	JB	1.0	0.21	ug/L
R4125-06	347-GP-11100-104	WATER	1,1-Dichloroethane	0.66	J	1.0	0.01	ug/L
R4125-06	347-GP-11100-104	WATER	Trichloroethene	27		1.0	0.27	ug/L
			Total VOC's:	28.39				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	28.39				
Client ID:	347-GP-11100-104DL							
R4125-06DL	347-GP-11100-104D	WATER	Methylene Chloride	4.1	JD	5.0	1.1	ug/L
R4125-06DL	347-GP-11100-104D	WATER	cis-1,2-Dichloroethene	36	D	5.0	1.8	ug/L
R4125-06DL	347-GP-11100-104D	WATER	Trichloroethene	22	D	5.0	1.4	ug/L
			Total VOC's:	62.10				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	62.10				
Client ID:	347-GP-11100-104DL2							
R4125-06DL2	347-GP-11100-104D	WATER	Methylene Chloride	99	JD	100	21	ug/L
R4125-06DL2	347-GP-11100-104D	WATER	Tetrachloroethene	680	D	100	22	ug/L
			Total VOC's:	779.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	779.00				
Client ID:	347-GP-11120-124							
R4125-05	347-GP-11120-124	WATER	Methylene Chloride	0.77	JB	1.0	0.21	ug/L
R4125-05	347-GP-11120-124	WATER	1,1-Dichloroethane	0.60	J	1.0	0.01	ug/L
R4125-05	347-GP-11120-124	WATER	cis-1,2-Dichloroethene	36		1.0	0.36	ug/L
R4125-05	347-GP-11120-124	WATER	Trichloroethene	20		1.0	0.27	ug/L
			Total VOC's:	57.37				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	57.37				
Client ID:	347-GP-11120-124DL							
R4125-05DL	347-GP-11120-124D	WATER	Methylene Chloride	89	JD	100	21	ug/L
R4125-05DL	347-GP-11120-124D	WATER	Tetrachloroethene	490	D	100	22	ug/L
			Total VOC's:	579.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	579.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: R4125

Order ID: R4125

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-GP-4100-104							
R4125-04	347-GP-4100-104	WATER	Methylene Chloride	0.69	JB	1.0	0.21	ug/L
R4125-04	347-GP-4100-104	WATER	Trichloroethene	3.5		1.0	0.27	ug/L
		Total VOC's:		4.19				
		Total TIC's:		0.00				
		Total VOC's and TIC's:		4.19				
Client ID:	347-GP-4100-104DL							
R4125-04DL	347-GP-4100-104DL	WATER	Methylene Chloride	400	JD	500	110	ug/L
R4125-04DL	347-GP-4100-104DL	WATER	Tetrachloroethene	5100	D	500	110	ug/L
		Total VOC's:		5500.00				
		Total TIC's:		0.00				
		Total VOC's and TIC's:		5500.00				
Client ID:	347-GP-4120-124							
R4125-01	347-GP-4120-124	WATER	1,1-Dichloroethene	1.0		1.0	0.11	ug/L
R4125-01	347-GP-4120-124	WATER	Methylene Chloride	0.78	JB	1.0	0.21	ug/L
R4125-01	347-GP-4120-124	WATER	1,1-Dichloroethane	3.3		1.0	0.01	ug/L
R4125-01	347-GP-4120-124	WATER	1,1,1-Trichloroethane	1.7		1.0	0.14	ug/L
R4125-01	347-GP-4120-124	WATER	Trichloroethene	1.9		1.0	0.27	ug/L
R4125-01	347-GP-4120-124	WATER	Propene	* 2.1	J	0	0	ug/L
R4125-01	347-GP-4120-124	WATER	1-Butene	* 1.4	J	0	0	ug/L
		Total VOC's:		8.68				
		Total TIC's:		3.50				
		Total VOC's and TIC's:		12.18				
Client ID:	347-GP-4120-124DL							
R4125-01DL	347-GP-4120-124DL	WATER	Methylene Chloride	7.5	JD	10	2.1	ug/L
R4125-01DL	347-GP-4120-124DL	WATER	Tetrachloroethene	78	D	10	2.2	ug/L
		Total VOC's:		85.50				
		Total TIC's:		0.00				
		Total VOC's and TIC's:		85.50				
Client ID:	347-TRIPBLANK9403							
R4125-03	347-TRIPBLANK940	WATER	Methylene Chloride	1.0	B	1.0	0.21	ug/L
		Total VOC's:		1.00				
		Total TIC's:		0.00				
		Total VOC's and TIC's:		1.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-14

Client ID: 347-TRIPBLANK82003

Date Collected: 8/20/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083006.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.91	109 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.87	79 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.61	106 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.07	101 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1176445	7.87			
1,4-Difluorobenzene	540-36-3	1414992	9.17			
Chlorobenzene-d5	3114-55-4	1113934	15.12			
1,4-Dichlorobenzene-d4	3855-82-1	611222	20.52			

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-15

Client ID: 347-GP-1980-84

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083010.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	1.0	J	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	6.7		1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	4.8		1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-15

Client ID: 347-GP-1980-84

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083010.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	55	E	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-15

Client ID: 347-GP-1980-84

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083010.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L

SURROGATES

Dibromofluoromethane	1868-53-7	10.9	109 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.89	79 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.75	108 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.02	100 %	68 - 128		SPK: 10

INTERNAL STANDARDS

Pentafluorobenzene	363-72-4	1101687	7.86			
1,4-Difluorobenzene	540-36-3	1295496	9.17			
Chlorobenzene-d5	3114-55-4	999444	15.12			
1,4-Dichlorobenzene-d4	3855-82-1	548800	20.53			

TENTATIVE IDENTIFIED COMPOUNDS

Propene	115071	8.9	J	1.78		ug/L
1-Propene, 2-methyl-	115117	6.3	J	2.10		ug/L
Butane, 2-methyl-	78784	1.1	J	2.70		ug/L
1-Pentene	109671	1.7	J	2.96		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-15DL

Client ID: 347-GP-1980-84DL

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090109.D

Analytical Run ID: VF081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.82	UD	5.0	0.82	ug/L
Chloromethane	74-87-3	< 4.8	UD	5.0	4.8	ug/L
Vinyl chloride	75-01-4	< 1.3	UD	5.0	1.3	ug/L
Bromomethane	74-83-9	< 3.3	UD	5.0	3.3	ug/L
Chloroethane	75-00-3	< 1.2	UD	5.0	1.2	ug/L
Trichlorofluoromethane	75-69-4	< 0.78	UD	5.0	0.78	ug/L
tert-Butyl Alcohol	75-65-0	< 11	UD	25	11	ug/L
1,1-Dichloroethene	75-35-4	< 0.55	UD	5.0	0.55	ug/L
Acrolein	107-02-8	< 5.2	UD	25	5.2	ug/L
Acrylonitrile	107-13-1	< 22	UD	25	22	ug/L
Acetone	67-64-1	< 5.3	UD	25	5.3	ug/L
Carbon disulfide	75-15-0	< 0.84	UD	5.0	0.84	ug/L
Methyl tert-butyl Ether	1634-04-4	< 2.4	UD	5.0	2.4	ug/L
Methylene Chloride	75-09-2	< 1.1	UD	5.0	1.1	ug/L
trans-1,2-Dichloroethene	156-60-5	< 1.3	UD	5.0	1.3	ug/L
Vinyl Acetate	108-05-4	< 7.1	UD	25	7.1	ug/L
1,1-Dichloroethane	75-34-3	< 0.06	UD	5.0	0.06	ug/L
2-Butanone	78-93-3	< 8.6	UD	25	8.6	ug/L
Carbon Tetrachloride	56-23-5	< 0.57	UD	5.0	0.57	ug/L
2,2-Dichloropropane	594-20-7	< 0.71	UD	5.0	0.71	ug/L
cis-1,2-Dichloroethene	156-59-2	5.6	D	5.0	1.8	ug/L
Bromochloromethane	74-97-5	< 2.7	UD	5.0	2.7	ug/L
Chloroform	67-66-3	< 1.2	UD	5.0	1.2	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.69	UD	5.0	0.69	ug/L
1,1-Dichloropropene	563-43-2	< 0.74	UD	5.0	0.74	ug/L
Benzene	71-43-2	< 0.72	UD	5.0	0.72	ug/L
1,2-Dichloroethane	107-06-2	< 1.9	UD	5.0	1.9	ug/L
Trichloroethene	79-01-6	4.2	JD	5.0	1.4	ug/L
1,2-Dichloropropane	78-87-5	< 1.3	UD	5.0	1.3	ug/L
Dibromomethane	74-95-3	< 2.5	UD	5.0	2.5	ug/L
Bromodichloromethane	75-27-4	< 1.6	UD	5.0	1.6	ug/L
4-Methyl-2-Pentanone	108-10-1	< 5.8	UD	25	5.8	ug/L
Toluene	108-88-3	< 0.90	UD	5.0	0.90	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.96	UD	5.0	0.96	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-15DL

Client ID: 347-GP-1980-84DL

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090109.D

Analytical Run ID: VF081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 1.0	UD	5.0	1.0	ug/L
1,1,2-Trichloroethane	79-00-5	< 2.5	UD	5.0	2.5	ug/L
1,3-Dichloropropane	142-28-9	< 3.1	UD	5.0	3.1	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 3.0	UD	5.0	3.0	ug/L
2-Hexanone	591-78-6	< 5.8	UD	25	5.8	ug/L
Dibromochloromethane	124-48-1	< 1.7	UD	5.0	1.7	ug/L
1,2-Dibromoethane	106-93-4	< 2.5	UD	5.0	2.5	ug/L
Tetrachloroethene	127-18-4	40	D	5.0	1.1	ug/L
Chlorobenzene	108-90-7	< 1.2	UD	5.0	1.2	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 1.2	UD	5.0	1.2	ug/L
Ethyl Benzene	100-41-4	< 0.76	UD	5.0	0.76	ug/L
m&p-Xylenes	136777-61-2	< 1.1	UD	10	1.1	ug/L
o-Xylene	95-47-6	< 0.96	UD	5.0	0.96	ug/L
Styrene	100-42-5	< 1.1	UD	5.0	1.1	ug/L
Bromoform	75-25-2	< 2.4	UD	5.0	2.4	ug/L
Isopropylbenzene	98-82-8	< 1.0	UD	5.0	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 2.9	UD	5.0	2.9	ug/L
1,2,3-Trichloropropane	96-18-4	< 2.7	UD	5.0	2.7	ug/L
Bromobenzene	108-86-1	< 1.2	UD	5.0	1.2	ug/L
n-propylbenzene	103-61-5	< 1.1	UD	5.0	1.1	ug/L
2-Chlorotoluene	95-49-8	< 1.7	UD	5.0	1.7	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.52	UD	5.0	0.52	ug/L
4-Chlorotoluene	106-43-4	< 1.8	UD	5.0	1.8	ug/L
tert-Butylbenzene	98-06-6	< 0.82	UD	5.0	0.82	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.52	UD	5.0	0.52	ug/L
Sec-butylbenzene	135-98-8	< 1.0	UD	5.0	1.0	ug/L
4-Isopropyltoluene	99-87-6	< 1.1	UD	5.0	1.1	ug/L
1,3-Dichlorobenzene	541-73-1	< 1.1	UD	5.0	1.1	ug/L
1,4-Dichlorobenzene	106-46-7	< 1.2	UD	5.0	1.2	ug/L
n-Butylbenzene	104-51-8	< 1.1	UD	5.0	1.1	ug/L
1,2-Dichlorobenzene	95-50-1	< 1.4	UD	5.0	1.4	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 3.0	UD	5.0	3.0	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 1.9	UD	5.0	1.9	ug/L
Hexachlorobutadiene	87-68-3	< 1.4	UD	5.0	1.4	ug/L
Naphthalene	91-20-3	< 4.1	UD	5.0	4.1	ug/L

Volatiles

SDG No.: R3948
Client: Impact Environmental

Sample ID:	<u>R3948-15DL</u>	Client ID:	<u>347-GP-1980-84DL</u>
Date Collected:	<u>8/19/03</u>	Date Received:	<u>8/21/03</u>
Date Analyzed:	<u>9/1/03</u>	Matrix:	<u>WATER</u>
File ID:	<u>VF090109.D</u>	Analytical Run ID:	<u>VF081903</u>
Dilution:	<u>5</u>	Instrument ID:	<u>MSVOAF</u>
Analytical Method:	<u>8260</u>	Associated Blank:	<u>VBF0901W2</u>
Sample Wt/Wol:	<u>25.0</u> Units: <u>mL</u>	Soil Extract Vol:	
Soil Aliquot Vol:		% Moisture:	<u>100</u>

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 2.6	UD	5.0	2.6	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.97	110 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.5	75 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.47	105 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.69	97 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1140976	7.86			
1,4-Difluorobenzene	540-36-3	1326127	9.16			
Chlorobenzene-d5	3114-55-4	1053448	15.11			
1,4-Dichlorobenzene-d4	3855-82-1	581514	20.50			
TENTITIVE IDENTIFIED COMPOUNDS						
Propene	115071	22	JD	1.78		ug/L
1-Propene, 2-methyl-	115117	17	JD	2.11		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-16

Client ID: 347-GP-1970-74

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083011.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	1.0		1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	2.1		1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-16

Client ID: 347-GP-1970-74

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083011.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	9.4		1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-16

Client ID: 347-GP-1970-74

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083011.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	11	110 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.69	77 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.66	107 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.76	98 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1143152	7.87			
1,4-Difluorobenzene	540-36-3	1339741	9.18			
Chlorobenzene-d5	3114-55-4	1068646	15.13			
1,4-Dichlorobenzene-d4	3855-82-1	567933	20.53			
TENTITIVE IDENTIFIED COMPOUNDS						
Propene	115071	9.5	J	1.78		ug/L
Cyclobutane	287230	7.6	J	2.12		ug/L
1-Butene	106989	1.1	J	2.33		ug/L
1-Pentene	109671	1.7	J	2.97		ug/L
Pentane	109660	2.1	J	3.03		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-17

Client ID: 347-GP-1954-58

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083012.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units

TARGETS

Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	1.0		1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	1.5		1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	2.9		1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	0.78	J	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-17

Client ID: 347-GP-1954-58

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083012.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	3.8		1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-17

Client ID: 347-GP-1954-58

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083012.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.97	110 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.73	77 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.8	108 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.95	100 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1156995	7.87			
1,4-Difluorobenzene	540-36-3	1379759	9.18			
Chlorobenzene-d5	3114-55-4	1078486	15.13			
1,4-Dichlorobenzene-d4	3855-82-1	581707	20.53			
TENTITATIVE IDENTIFIED COMPOUNDS						
Propene	115071	12	J	1.78		ug/L
Isobutane	75285	1.4	J	1.96		ug/L
1-Propene, 2-methyl-	106989	8.3	J	2.11		ug/L
1-Butene	106989	1.0	J	2.32		ug/L
Cyclopentane	287923	2.0	J	2.97		ug/L
Pentane	109660	2.2	J	3.03		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-18

Client ID: 347-GP-1940-44

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083013.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	0.73	J	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	0.65	J	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	3.3		1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	0.88	J	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	1.3		1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-18

Client ID: 347-GP-1940-44

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083013.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	4.3		1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-18

Client ID: 347-GP-1940-44

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083013.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.97	110 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.64	76 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.59	106 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.95	100 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1035460	7.87			
1,4-Difluorobenzene	540-36-3	1214897	9.18			
Chlorobenzene-d5	3114-55-4	951809	15.13			
1,4-Dichlorobenzene-d4	3855-82-1	517046	20.53			

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-19

Client ID: 347-GP-2080-84

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/31/03

Matrix: WATER

File ID: VF083014.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units

TARGETS

Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	1.1		1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	0.62	J	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	1.0	J	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-19

Client ID: 347-GP-2080-84

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/31/03

Matrix: WATER

File ID: VF083014.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	< 0.22	U	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-19

Client ID: 347-GP-2080-84

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/31/03

Matrix: WATER

File ID: VF083014.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L

SURROGATES

Dibromofluoromethane	1868-53-7	11.16	112 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.85	79 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.79	108 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.02	100 %	68 - 128		SPK: 10

INTERNAL STANDARDS

Pentafluorobenzene	363-72-4	1104054	7.86			
1,4-Difluorobenzene	540-36-3	1329939	9.18			
Chlorobenzene-d5	3114-55-4	1054254	15.13			
1,4-Dichlorobenzene-d4	3855-82-1	562665	20.53			

TENTITIVE IDENTIFIED COMPOUNDS

Propene	115071	26	J	1.78		ug/L
1-Propene, 2-methyl-	115117	18	J	2.11		ug/L
1-Butene	106989	5.0	J	2.33		ug/L
Butane, 2-methyl-	78784	2.0	J	2.70		ug/L
1-Pentene	109671	3.7	J	2.97		ug/L
2-Butene, 2-methyl-	513359	6.7	J	3.05		ug/L
2-Pentene	109682	3.1	J	3.37		ug/L
Cyclopentene	142290	2.8	J	4.30		ug/L
1-Hexene	592416	2.6	J	5.16		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-20

Client ID: 347-GP-2070-74

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/31/03

Matrix: WATER

File ID: VF083015.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	0.63	J	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	0.92	J	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-20

Client ID: 347-GP-2070-74

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/31/03

Matrix: WATER

File ID: VF083015.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	< 0.22	U	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-20

Client ID: 347-GP-2070-74

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/31/03

Matrix: WATER

File ID: VF083015.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L

SURROGATES

Dibromofluoromethane	1868-53-7	10.84	108 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.91	79 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.51	105 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.91	99 %	68 - 128		SPK: 10

INTERNAL STANDARDS

Pentafluorobenzene	363-72-4	1094953	7.86			
1,4-Difluorobenzene	540-36-3	1334009	9.17			
Chlorobenzene-d5	3114-55-4	1062717	15.12			
1,4-Dichlorobenzene-d4	3855-82-1	569904	20.53			

TENTITIVE IDENTIFIED COMPOUNDS

Propene	115071	36	J	1.78		ug/L
1-Propene, 2-methyl-	115117	24	J	2.11		ug/L
1-Butene	106989	5.8	J	2.32		ug/L
Butane, 2-methyl-	78784	3.0	J	2.70		ug/L
1-Pentene	109671	4.6	J	2.96		ug/L
Pentane	109660	9.7	J	3.03		ug/L
2-Pentene, (Z)-	627203	3.6	J	3.38		ug/L
Cyclopentene	142290	2.9	J	4.30		ug/L
1-Hexene	592416	3.0	J	5.15		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-21

Client ID: 347-GP-2052-56

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/31/03

Matrix: WATER

File ID: VF083016.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	1.3		1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	0.85	J	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	7.6		1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	1.3		1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-21

Client ID: 347-GP-2052-56

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/31/03

Matrix: WATER

File ID: VF083016.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	4.2		1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-21

Client ID: 347-GP-2052-56

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/31/03

Matrix: WATER

File ID: VF083016.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	11.25	113 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.94	79 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.88	109 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.13	101 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1134164	7.86			
1,4-Difluorobenzene	540-36-3	1365426	9.17			
Chlorobenzene-d5	3114-55-4	1103194	15.12			
1,4-Dichlorobenzene-d4	3855-82-1	604791	20.53			
TENTITIVE IDENTIFIED COMPOUNDS						
Propene	115071	21	J	1.78		ug/L
Isobutane	75285	2.3	J	1.97		ug/L
1-Propene, 2-methyl-	115117	15	J	2.11		ug/L
1-Butene	106989	2.0	J	2.32		ug/L
Butane, 2-methyl-	78784	2.8	J	2.70		ug/L
1-Pentene	109671	3.8	J	2.97		ug/L
Pentane	109660	4.7	J	3.03		ug/L
Pentane, 3-methylene-	760214	1.6	J	4.25		ug/L
1-Pentene, 2-methyl-	763291	1.9	J	5.15		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-22

Client ID: 347-GP-2040-44

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/31/03

Matrix: WATER

File ID: VF083017.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	0.88	J	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	1.1		1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	2.1		1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	0.92	J	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	0.99	J	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-22

Client ID: 347-GP-2040-44

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/31/03

Matrix: WATER

File ID: VF083017.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	3.4		1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-22

Client ID: 347-GP-2040-44

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/31/03

Matrix: WATER

File ID: VF083017.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	11.62	116 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	8.21	82 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.89	109 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.35	104 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	943240	7.87			
1,4-Difluorobenzene	540-36-3	1133170	9.18			
Chlorobenzene-d5	3114-55-4	899378	15.12			
1,4-Dichlorobenzene-d4	3855-82-1	504247	20.52			
TENTITIVE IDENTIFIED COMPOUNDS						
Propene	115071	13	J	1.78		ug/L
Isobutane	75285	1.5	J	1.96		ug/L
1-Propene, 2-methyl-	115117	10	J	2.11		ug/L
1-Butene	106989	1.2	J	2.33		ug/L
Butane, 2-methyl-	78784	2.1	J	2.70		ug/L
1-Pentene	109671	2.6	J	2.97		ug/L
Pentane	109660	3.4	J	3.03		ug/L
Pentane, 3-methylene-	760214	1.1	J	4.26		ug/L
1-Pentene, 2-methyl-	763291	1.5	J	5.16		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-23

Client ID: 347-GP-2138-42

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090110.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	22		1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	9.8		1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-23

Client ID: 347-GP-2138-42

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090110.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	78	E	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-23

Client ID: 347-GP-2138-42

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090110.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.62	106 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.41	74 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.72	107 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.74	97 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1255642	7.86			
1,4-Difluorobenzene	540-36-3	1483831	9.17			
Chlorobenzene-d5	3114-55-4	1148149	15.12			
1,4-Dichlorobenzene-d4	3855-82-1	628450	20.52			

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-23DL

Client ID: 347-GP-2138-42DL

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090117.D

Analytical Run ID: VF081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units

TARGETS

Dichlorodifluoromethane	75-71-8	< 0.82	UD	5.0	0.82	ug/L
Chloromethane	74-87-3	< 4.8	UD	5.0	4.8	ug/L
Vinyl chloride	75-01-4	< 1.3	UD	5.0	1.3	ug/L
Bromomethane	74-83-9	< 3.3	UD	5.0	3.3	ug/L
Chloroethane	75-00-3	< 1.2	UD	5.0	1.2	ug/L
Trichlorofluoromethane	75-69-4	< 0.78	UD	5.0	0.78	ug/L
tert-Butyl Alcohol	75-65-0	< 11	UD	25	11	ug/L
1,1-Dichloroethene	75-35-4	< 0.55	UD	5.0	0.55	ug/L
Acrolein	107-02-8	< 5.2	UD	25	5.2	ug/L
Acrylonitrile	107-13-1	< 22	UD	25	22	ug/L
Acetone	67-64-1	< 5.3	UD	25	5.3	ug/L
Carbon disulfide	75-15-0	< 0.84	UD	5.0	0.84	ug/L
Methyl tert-butyl Ether	1634-04-4	< 2.4	UD	5.0	2.4	ug/L
Methylene Chloride	75-09-2	< 1.1	UD	5.0	1.1	ug/L
trans-1,2-Dichloroethene	156-60-5	< 1.3	UD	5.0	1.3	ug/L
Vinyl Acetate	108-05-4	< 7.1	UD	25	7.1	ug/L
1,1-Dichloroethane	75-34-3	< 0.06	UD	5.0	0.06	ug/L
2-Butanone	78-93-3	< 8.6	UD	25	8.6	ug/L
Carbon Tetrachloride	56-23-5	< 0.57	UD	5.0	0.57	ug/L
2,2-Dichloropropane	594-20-7	< 0.71	UD	5.0	0.71	ug/L
cis-1,2-Dichloroethene	156-59-2	22	D	5.0	1.8	ug/L
Bromochloromethane	74-97-5	< 2.7	UD	5.0	2.7	ug/L
Chloroform	67-66-3	< 1.2	UD	5.0	1.2	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.69	UD	5.0	0.69	ug/L
1,1-Dichloropropene	563-43-2	< 0.74	UD	5.0	0.74	ug/L
Benzene	71-43-2	< 0.72	UD	5.0	0.72	ug/L
1,2-Dichloroethane	107-06-2	< 1.9	UD	5.0	1.9	ug/L
Trichloroethene	79-01-6	9.1	D	5.0	1.4	ug/L
1,2-Dichloropropane	78-87-5	< 1.3	UD	5.0	1.3	ug/L
Dibromomethane	74-95-3	< 2.5	UD	5.0	2.5	ug/L
Bromodichloromethane	75-27-4	< 1.6	UD	5.0	1.6	ug/L
4-Methyl-2-Pentanone	108-10-1	< 5.8	UD	25	5.8	ug/L
Toluene	108-88-3	< 0.90	UD	5.0	0.90	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.96	UD	5.0	0.96	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-23DL

Client ID: 347-GP-2138-42DL

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090117.D

Analytical Run ID: VF081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 1.0	UD	5.0	1.0	ug/L
1,1,2-Trichloroethane	79-00-5	< 2.5	UD	5.0	2.5	ug/L
1,3-Dichloropropane	142-28-9	< 3.1	UD	5.0	3.1	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 3.0	UD	5.0	3.0	ug/L
2-Hexanone	591-78-6	< 5.8	UD	25	5.8	ug/L
Dibromochloromethane	124-48-1	< 1.7	UD	5.0	1.7	ug/L
1,2-Dibromoethane	106-93-4	< 2.5	UD	5.0	2.5	ug/L
Tetrachloroethene	127-18-4	68	D	5.0	1.1	ug/L
Chlorobenzene	108-90-7	< 1.2	UD	5.0	1.2	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 1.2	UD	5.0	1.2	ug/L
Ethyl Benzene	100-41-4	< 0.76	UD	5.0	0.76	ug/L
m&p-Xylenes	136777-61-2	< 1.1	UD	10	1.1	ug/L
o-Xylene	95-47-6	< 0.96	UD	5.0	0.96	ug/L
Styrene	100-42-5	< 1.1	UD	5.0	1.1	ug/L
Bromoform	75-25-2	< 2.4	UD	5.0	2.4	ug/L
Isopropylbenzene	98-82-8	< 1.0	UD	5.0	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 2.9	UD	5.0	2.9	ug/L
1,2,3-Trichloropropane	96-18-4	< 2.7	UD	5.0	2.7	ug/L
Bromobenzene	108-86-1	< 1.2	UD	5.0	1.2	ug/L
n-propylbenzene	103-61-5	< 1.1	UD	5.0	1.1	ug/L
2-Chlorotoluene	95-49-8	< 1.7	UD	5.0	1.7	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.52	UD	5.0	0.52	ug/L
4-Chlorotoluene	106-43-4	< 1.8	UD	5.0	1.8	ug/L
tert-Butylbenzene	98-06-6	< 0.82	UD	5.0	0.82	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.52	UD	5.0	0.52	ug/L
Sec-butylbenzene	135-98-8	< 1.0	UD	5.0	1.0	ug/L
4-Isopropyltoluene	99-87-6	< 1.1	UD	5.0	1.1	ug/L
1,3-Dichlorobenzene	541-73-1	< 1.1	UD	5.0	1.1	ug/L
1,4-Dichlorobenzene	106-46-7	< 1.2	UD	5.0	1.2	ug/L
n-Butylbenzene	104-51-8	< 1.1	UD	5.0	1.1	ug/L
1,2-Dichlorobenzene	95-50-1	< 1.4	UD	5.0	1.4	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 3.0	UD	5.0	3.0	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 1.9	UD	5.0	1.9	ug/L
Hexachlorobutadiene	87-68-3	< 1.4	UD	5.0	1.4	ug/L
Naphthalene	91-20-3	< 4.1	UD	5.0	4.1	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-23DL

Client ID: 347-GP-2138-42DL

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090117.D

Analytical Run ID: VF081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 2.6	UD	5.0	2.6	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	11.44	114 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.7	77 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	11.13	111 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.18	102 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1229140	7.86			
1,4-Difluorobenzene	540-36-3	1441705	9.17			
Chlorobenzene-d5	3114-55-4	1116316	15.13			
1,4-Dichlorobenzene-d4	3855-82-1	591303	20.52			

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-24

Client ID: 347-GP-2280-84

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090111.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	5.7		1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	0.91	J	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-24

Client ID: 347-GP-2280-84

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090111.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	15		1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-24

Client ID: 347-GP-2280-84

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090111.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.64	106 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.45	75 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.36	104 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.72	97 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1263671	7.86			
1,4-Difluorobenzene	540-36-3	1462704	9.17			
Chlorobenzene-d5	3114-55-4	1127522	15.12			
1,4-Dichlorobenzene-d4	3855-82-1	628097	20.51			
TENTITIVE IDENTIFIED COMPOUNDS						
Propene	115071	30	J	1.78		ug/L
Isobutane	75285	2.8	J	1.97		ug/L
1-Propene, 2-methyl-	115117	22	J	2.11		ug/L
1-Butene	106989	3.9	J	2.33		ug/L
Butane, 2-methyl-	78784	3.6	J	2.70		ug/L
1-Pentene	109671	5.1	J	2.96		ug/L
Pentane	109660	8.4	J	3.03		ug/L
Cyclopentene	142290	3.0	J	4.30		ug/L
1-Hexene	592416	3.4	J	5.16		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-10

Client ID: 347-GP-2270-74

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083007.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	4.4		1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-10

Client ID: 347-GP-2270-74

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083007.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	18		1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Chemtech Consulting Group

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-10

Client ID: 347-GP-2270-74

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083007.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.93	109 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.73	77 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.46	105 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.85	99 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1215295	7.86			
1,4-Difluorobenzene	540-36-3	1429134	9.18			
Chlorobenzene-d5	3114-55-4	1135614	15.13			
1,4-Dichlorobenzene-d4	3855-82-1	618810	20.52			
TENTATIVE IDENTIFIED COMPOUNDS						
Propene	115071	17	J	1.78		ug/L
1-Propene, 2-methyl-	115117	12	J	2.11		ug/L
Cyclobutane	287230	2.3	J	2.32		ug/L
Butane, 2-methyl-	78784	1.2	J	2.70		ug/L
1-Pentene	109671	3.4	J	2.97		ug/L
2-Pentene	109682	1.5	J	3.38		ug/L
Cyclopropane, methylmethylene-	18631840	1.6	J	4.28		ug/L
1-Pentene, 2-methyl-	763291	2.0	J	5.15		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-11

Client ID: 347-GP-2254-58

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083008.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	0.83	J	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	0.85	J	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	22		1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	7.7		1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-11

Client ID: 347-GP-2254-58

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083008.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	55	E	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-11

Client ID: 347-GP-2254-58

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083008.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.98	110 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.72	77 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.58	106 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.91	99 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1213979	7.87			
1,4-Difluorobenzene	540-36-3	1441231	9.18			
Chlorobenzene-d5	3114-55-4	1147634	15.13			
1,4-Dichlorobenzene-d4	3855-82-1	624689	20.52			
TENTATIVE IDENTIFIED COMPOUNDS						
Propene	115071	18	J	1.77		ug/L
Isobutane	75285	1.9	J	1.96		ug/L
1-Butene	106989	1.8	J	2.32		ug/L
Butane, 2-methyl-	78784	2.7	J	2.70		ug/L
1-Pentene	109671	4.1	J	2.97		ug/L
Pentane	109660	5.1	J	3.03		ug/L
2-Pentene, (Z)-	627203	1.6	J	3.38		ug/L
Cyclopropane, 1-ethyl-1-methyl-	53778431	1.6	J	4.25		ug/L
1-Hexene	592416	2.6	J	5.16		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-11DL

Client ID: 347-GP-2254-58DL

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090107.D

Analytical Run ID: VF081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.82	UD	5.0	0.82	ug/L
Chloromethane	74-87-3	< 4.8	UD	5.0	4.8	ug/L
Vinyl chloride	75-01-4	< 1.3	UD	5.0	1.3	ug/L
Bromomethane	74-83-9	< 3.3	UD	5.0	3.3	ug/L
Chloroethane	75-00-3	< 1.2	UD	5.0	1.2	ug/L
Trichlorofluoromethane	75-69-4	< 0.78	UD	5.0	0.78	ug/L
tert-Butyl Alcohol	75-65-0	< 11	UD	25	11	ug/L
1,1-Dichloroethene	75-35-4	< 0.55	UD	5.0	0.55	ug/L
Acrolein	107-02-8	< 5.2	UD	25	5.2	ug/L
Acrylonitrile	107-13-1	< 22	UD	25	22	ug/L
Acetone	67-64-1	< 5.3	UD	25	5.3	ug/L
Carbon disulfide	75-15-0	< 0.84	UD	5.0	0.84	ug/L
Methyl tert-butyl Ether	1634-04-4	< 2.4	UD	5.0	2.4	ug/L
Methylene Chloride	75-09-2	< 1.1	UD	5.0	1.1	ug/L
trans-1,2-Dichloroethene	156-60-5	< 1.3	UD	5.0	1.3	ug/L
Vinyl Acetate	108-05-4	< 7.1	UD	25	7.1	ug/L
1,1-Dichloroethane	75-34-3	< 0.06	UD	5.0	0.06	ug/L
2-Butanone	78-93-3	< 8.6	UD	25	8.6	ug/L
Carbon Tetrachloride	56-23-5	< 0.57	UD	5.0	0.57	ug/L
2,2-Dichloropropane	594-20-7	< 0.71	UD	5.0	0.71	ug/L
cis-1,2-Dichloroethene	156-59-2	9.1	D	5.0	1.8	ug/L
Bromochloromethane	74-97-5	< 2.7	UD	5.0	2.7	ug/L
Chloroform	67-66-3	< 1.2	UD	5.0	1.2	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.69	UD	5.0	0.69	ug/L
1,1-Dichloropropene	563-43-2	< 0.74	UD	5.0	0.74	ug/L
Benzene	71-43-2	< 0.72	UD	5.0	0.72	ug/L
1,2-Dichloroethane	107-06-2	< 1.9	UD	5.0	1.9	ug/L
Trichloroethene	79-01-6	3.2	JD	5.0	1.4	ug/L
1,2-Dichloropropane	78-87-5	< 1.3	UD	5.0	1.3	ug/L
Dibromomethane	74-95-3	< 2.5	UD	5.0	2.5	ug/L
Bromodichloromethane	75-27-4	< 1.6	UD	5.0	1.6	ug/L
4-Methyl-2-Pentanone	108-10-1	< 5.8	UD	25	5.8	ug/L
Toluene	108-88-3	< 0.90	UD	5.0	0.90	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.96	UD	5.0	0.96	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-11DL

Client ID: 347-GP-2254-58DL

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090107.D

Analytical Run ID: VF081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 1.0	UD	5.0	1.0	ug/L
1,1,2-Trichloroethane	79-00-5	< 2.5	UD	5.0	2.5	ug/L
1,3-Dichloropropane	142-28-9	< 3.1	UD	5.0	3.1	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 3.0	UD	5.0	3.0	ug/L
2-Hexanone	591-78-6	< 5.8	UD	25	5.8	ug/L
Dibromochloromethane	124-48-1	< 1.7	UD	5.0	1.7	ug/L
1,2-Dibromoethane	106-93-4	< 2.5	UD	5.0	2.5	ug/L
Tetrachloroethene	127-18-4	51	D	5.0	1.1	ug/L
Chlorobenzene	108-90-7	< 1.2	UD	5.0	1.2	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 1.2	UD	5.0	1.2	ug/L
Ethyl Benzene	100-41-4	< 0.76	UD	5.0	0.76	ug/L
m&p-Xylenes	136777-61-2	< 1.1	UD	10	1.1	ug/L
o-Xylene	95-47-6	< 0.96	UD	5.0	0.96	ug/L
Styrene	100-42-5	< 1.1	UD	5.0	1.1	ug/L
Bromoform	75-25-2	< 2.4	UD	5.0	2.4	ug/L
Isopropylbenzene	98-82-8	< 1.0	UD	5.0	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 2.9	UD	5.0	2.9	ug/L
1,2,3-Trichloropropane	96-18-4	< 2.7	UD	5.0	2.7	ug/L
Bromobenzene	108-86-1	< 1.2	UD	5.0	1.2	ug/L
n-propylbenzene	103-61-5	< 1.1	UD	5.0	1.1	ug/L
2-Chlorotoluene	95-49-8	< 1.7	UD	5.0	1.7	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.52	UD	5.0	0.52	ug/L
4-Chlorotoluene	106-43-4	< 1.8	UD	5.0	1.8	ug/L
tert-Butylbenzene	98-06-6	< 0.82	UD	5.0	0.82	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.52	UD	5.0	0.52	ug/L
Sec-butylbenzene	135-98-8	< 1.0	UD	5.0	1.0	ug/L
4-Isopropyltoluene	99-87-6	< 1.1	UD	5.0	1.1	ug/L
1,3-Dichlorobenzene	541-73-1	< 1.1	UD	5.0	1.1	ug/L
1,4-Dichlorobenzene	106-46-7	< 1.2	UD	5.0	1.2	ug/L
n-Butylbenzene	104-51-8	< 1.1	UD	5.0	1.1	ug/L
1,2-Dichlorobenzene	95-50-1	< 1.4	UD	5.0	1.4	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 3.0	UD	5.0	3.0	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 1.9	UD	5.0	1.9	ug/L
Hexachlorobutadiene	87-68-3	< 1.4	UD	5.0	1.4	ug/L
Naphthalene	91-20-3	< 4.1	UD	5.0	4.1	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-11DL

Client ID: 347-GP-2254-58DL

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090107.D

Analytical Run ID: VF081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 2.6	UD	5.0	2.6	ug/L

SURROGATES

Dibromofluoromethane	1868-53-7	12.58	126 %	75 - 126	SPK: 10
1,2-Dichloroethane-d4	17060-07-0	8.76	88 %	74 - 135	SPK: 10
Toluene-d8	2037-26-5	12.59	126 %	72 - 126	SPK: 10
4-Bromofluorobenzene	460-00-4	11.7	117 %	68 - 128	SPK: 10

INTERNAL STANDARDS

Pentafluorobenzene	363-72-4	829978	7.85
1,4-Difluorobenzene	540-36-3	974703	9.17
Chlorobenzene-d5	3114-55-4	744204	15.12
1,4-Dichlorobenzene-d4	3855-82-1	409250	20.51

TENTATIVE IDENTIFIED COMPOUNDS

Propene	115071	22	JD	1.78	ug/L
1-Propene, 2-methyl-	115117	17	JD	2.11	ug/L
Pentane	109660	5.2	JD	3.03	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-12

Client ID: 347-GP-2240-44

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083009.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	0.95	J	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	13		1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	7.1		1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-12

Client ID: 347-GP-2240-44

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083009.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	54	E	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-12

Client ID: 347-GP-2240-44

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 8/30/03

Matrix: WATER

File ID: VF083009.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0830W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	11.01	110 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.64	76 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.51	105 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.83	98 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1049223	7.87			
1,4-Difluorobenzene	540-36-3	1217782	9.18			
Chlorobenzene-d5	3114-55-4	952305	15.12			
1,4-Dichlorobenzene-d4	3855-82-1	520675	20.52			
TENTATIVE IDENTIFIED COMPOUNDS						
Propene	115071	10	J	1.78		ug/L
Cyclobutane	287230	7.3	J	2.11		ug/L
1-Butene	106989	1.0	J	2.33		ug/L
Butane, 2-methyl-	78784	1.0	J	2.71		ug/L
1-Pentene	109671	2.3	J	2.97		ug/L
1-Butene, 2-methyl-	563462	1.2	J	3.38		ug/L
1-Hexene	592416	1.3	J	5.16		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-12DL

Client ID: 347-GP-2240-44DL

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090108.D

Analytical Run ID: VF081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.82	UD	5.0	0.82	ug/L
Chloromethane	74-87-3	< 4.8	UD	5.0	4.8	ug/L
Vinyl chloride	75-01-4	< 1.3	UD	5.0	1.3	ug/L
Bromomethane	74-83-9	< 3.3	UD	5.0	3.3	ug/L
Chloroethane	75-00-3	< 1.2	UD	5.0	1.2	ug/L
Trichlorofluoromethane	75-69-4	< 0.78	UD	5.0	0.78	ug/L
tert-Butyl Alcohol	75-65-0	< 11	UD	25	11	ug/L
1,1-Dichloroethene	75-35-4	< 0.55	UD	5.0	0.55	ug/L
Acrolein	107-02-8	< 5.2	UD	25	5.2	ug/L
Acrylonitrile	107-13-1	< 22	UD	25	22	ug/L
Acetone	67-64-1	< 5.3	UD	25	5.3	ug/L
Carbon disulfide	75-15-0	< 0.84	UD	5.0	0.84	ug/L
Methyl tert-butyl Ether	1634-04-4	< 2.4	UD	5.0	2.4	ug/L
Methylene Chloride	75-09-2	< 1.1	UD	5.0	1.1	ug/L
trans-1,2-Dichloroethene	156-60-5	< 1.3	UD	5.0	1.3	ug/L
Vinyl Acetate	108-05-4	< 7.1	UD	25	7.1	ug/L
1,1-Dichloroethane	75-34-3	< 0.06	UD	5.0	0.06	ug/L
2-Butanone	78-93-3	< 8.6	UD	25	8.6	ug/L
Carbon Tetrachloride	56-23-5	< 0.57	UD	5.0	0.57	ug/L
2,2-Dichloropropane	594-20-7	< 0.71	UD	5.0	0.71	ug/L
cis-1,2-Dichloroethene	156-59-2	11	D	5.0	1.8	ug/L
Bromochloromethane	74-97-5	< 2.7	UD	5.0	2.7	ug/L
Chloroform	67-66-3	< 1.2	UD	5.0	1.2	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.69	UD	5.0	0.69	ug/L
1,1-Dichloropropene	563-43-2	< 0.74	UD	5.0	0.74	ug/L
Benzene	71-43-2	< 0.72	UD	5.0	0.72	ug/L
1,2-Dichloroethane	107-06-2	< 1.9	UD	5.0	1.9	ug/L
Trichloroethene	79-01-6	6.8	D	5.0	1.4	ug/L
1,2-Dichloropropane	78-87-5	< 1.3	UD	5.0	1.3	ug/L
Dibromomethane	74-95-3	< 2.5	UD	5.0	2.5	ug/L
Bromodichloromethane	75-27-4	< 1.6	UD	5.0	1.6	ug/L
4-Methyl-2-Pentanone	108-10-1	< 5.8	UD	25	5.8	ug/L
Toluene	108-88-3	< 0.90	UD	5.0	0.90	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.96	UD	5.0	0.96	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-12DL

Client ID: 347-GP-2240-44DL

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090108.D

Analytical Run ID: VF081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 1.0	UD	5.0	1.0	ug/L
1,1,2-Trichloroethane	79-00-5	< 2.5	UD	5.0	2.5	ug/L
1,3-Dichloropropane	142-28-9	< 3.1	UD	5.0	3.1	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 3.0	UD	5.0	3.0	ug/L
2-Hexanone	591-78-6	< 5.8	UD	25	5.8	ug/L
Dibromochloromethane	124-48-1	< 1.7	UD	5.0	1.7	ug/L
1,2-Dibromoethane	106-93-4	< 2.5	UD	5.0	2.5	ug/L
Tetrachloroethene	127-18-4	46	D	5.0	1.1	ug/L
Chlorobenzene	108-90-7	< 1.2	UD	5.0	1.2	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 1.2	UD	5.0	1.2	ug/L
Ethyl Benzene	100-41-4	< 0.76	UD	5.0	0.76	ug/L
m&p-Xylenes	136777-61-2	< 1.1	UD	10	1.1	ug/L
o-Xylene	95-47-6	< 0.96	UD	5.0	0.96	ug/L
Styrene	100-42-5	< 1.1	UD	5.0	1.1	ug/L
Bromoform	75-25-2	< 2.4	UD	5.0	2.4	ug/L
Isopropylbenzene	98-82-8	< 1.0	UD	5.0	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 2.9	UD	5.0	2.9	ug/L
1,2,3-Trichloropropane	96-18-4	< 2.7	UD	5.0	2.7	ug/L
Bromobenzene	108-86-1	< 1.2	UD	5.0	1.2	ug/L
n-propylbenzene	103-61-5	< 1.1	UD	5.0	1.1	ug/L
2-Chlorotoluene	95-49-8	< 1.7	UD	5.0	1.7	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.52	UD	5.0	0.52	ug/L
4-Chlorotoluene	106-43-4	< 1.8	UD	5.0	1.8	ug/L
tert-Butylbenzene	98-06-6	< 0.82	UD	5.0	0.82	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.52	UD	5.0	0.52	ug/L
Sec-butylbenzene	135-98-8	< 1.0	UD	5.0	1.0	ug/L
4-Isopropyltoluene	99-87-6	< 1.1	UD	5.0	1.1	ug/L
1,3-Dichlorobenzene	541-73-1	< 1.1	UD	5.0	1.1	ug/L
1,4-Dichlorobenzene	106-46-7	< 1.2	UD	5.0	1.2	ug/L
n-Butylbenzene	104-51-8	< 1.1	UD	5.0	1.1	ug/L
1,2-Dichlorobenzene	95-50-1	< 1.4	UD	5.0	1.4	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 3.0	UD	5.0	3.0	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 1.9	UD	5.0	1.9	ug/L
Hexachlorobutadiene	87-68-3	< 1.4	UD	5.0	1.4	ug/L
Naphthalene	91-20-3	< 4.1	UD	5.0	4.1	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-12DL

Client ID: 347-GP-2240-44DL

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090108.D

Analytical Run ID: VF081903

Dilution: 5

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 2.6	UD	5.0	2.6	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	11.3	113 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.79	78 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.9	109 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.56	106 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1125553	7.86			
1,4-Difluorobenzene	540-36-3	1306115	9.18			
Chlorobenzene-d5	3114-55-4	1036317	15.12			
1,4-Dichlorobenzene-d4	3855-82-1	594229	20.52			
TENTATIVE IDENTIFIED COMPOUNDS						
Propene	115071	11	JD	1.78		ug/L
1-Butene	106989	7.7	JD	2.11		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-26

Client ID: 347-GP-2380-84

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090113.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-26

Client ID: 347-GP-2380-84

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090113.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	< 0.22	U	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Chemtech Consulting Group

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-26

Client ID: 347-GP-2380-84

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090113.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	11.44	114 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.76	78 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	11	110 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.47	105 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1217232	7.86			
1,4-Difluorobenzene	540-36-3	1386890	9.17			
Chlorobenzene-d5	3114-55-4	1095112	15.12			
1,4-Dichlorobenzene-d4	3855-82-1	607410	20.52			
TENTATIVE IDENTIFIED COMPOUNDS						
Propene	115071	29	J	1.78		ug/L
Isobutane	75285	2.6	J	1.96		ug/L
Cyclobutane	287230	22	J	2.11		ug/L
1-Butene	106989	3.9	J	2.32		ug/L
Butane, 2-methyl-	78784	3.4	J	2.71		ug/L
1-Pentene	109671	4.6	J	2.97		ug/L
Pentane	109660	8.6	J	3.04		ug/L
2-Pentene	109682	2.5	J	3.38		ug/L
Cyclopentene	142290	2.8	J	4.31		ug/L
1-Pentene, 2-methyl-	763291	3.0	J	5.15		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-25

Client ID: 347-GP-2370-74

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090112.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-25

Client ID: 347-GP-2370-74

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090112.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	< 0.22	U	1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-25

Client ID: 347-GP-2370-74

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090112.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.87	109 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.85	79 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.61	106 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	10.03	100 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1253970	7.86			
1,4-Difluorobenzene	540-36-3	1470554	9.17			
Chlorobenzene-d5	3114-55-4	1145826	15.12			
1,4-Dichlorobenzene-d4	3855-82-1	636645	20.51			
TENTATIVE IDENTIFIED COMPOUNDS						
Propene	115071	20	J	1.78		ug/L
Isobutane	75285	1.8	J	1.96		ug/L
Cyclobutane	287230	15	J	2.11		ug/L
1-Butene	106989	2.6	J	2.33		ug/L
Butane, 2-methyl-	78784	2.6	J	2.70		ug/L
1-Pentene	109671	3.7	J	2.97		ug/L
Pentane	109660	6.5	J	3.03		ug/L
2-Pentene	109682	2.1	J	3.38		ug/L
1-Pentene, 2-methyl-	763291	2.8	J	5.15		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-27

Client ID: 347-GP-2354-58

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090114.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-27

Client ID: 347-GP-2354-58

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090114.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	23		1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-27

Client ID: 347-GP-2354-58

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090114.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.4	104 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.43	74 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.42	104 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.68	97 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1297209	7.86			
1,4-Difluorobenzene	540-36-3	1493477	9.17			
Chlorobenzene-d5	3114-55-4	1152998	15.12			
1,4-Dichlorobenzene-d4	3855-82-1	635642	20.52			
TENTITIVE IDENTIFIED COMPOUNDS						
Propene	115071	12	J	1.78		ug/L
Isobutane	75285	1.3	J	1.96		ug/L
1-Propene, 2-methyl-	115117	9.6	J	2.11		ug/L
1-Butene	106989	1.1	J	2.32		ug/L
Butane, 2-methyl-	78784	1.9	J	2.70		ug/L
1-Pentene	109671	2.8	J	2.97		ug/L
Pentane	109660	3.5	J	3.03		ug/L
1-Butene, 2-methyl-	563462	1.0	J	3.37		ug/L
1-Pentene, 2-methyl-	763291	1.9	J	5.15		ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-28

Client ID: 347-GP-2340-44

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090115.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	< 0.21	U	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-28

Client ID: 347-GP-2340-44

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090115.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
cis-1,3-Dichloropropene	10061-01-5	< 0.20	U	1.0	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	< 0.49	U	1.0	0.49	ug/L
1,3-Dichloropropane	142-28-9	< 0.63	U	1.0	0.63	ug/L
2-Chloroethyl vinyl ether	110-75-8	< 0.60	U	1.0	0.60	ug/L
2-Hexanone	591-78-6	< 1.2	U	5.0	1.2	ug/L
Dibromochloromethane	124-48-1	< 0.34	U	1.0	0.34	ug/L
1,2-Dibromoethane	106-93-4	< 0.50	U	1.0	0.50	ug/L
Tetrachloroethene	127-18-4	4.6		1.0	0.22	ug/L
Chlorobenzene	108-90-7	< 0.23	U	1.0	0.23	ug/L
1,1,1,2-Tetrachloroethane	630-20-6	< 0.24	U	1.0	0.24	ug/L
Ethyl Benzene	100-41-4	< 0.15	U	1.0	0.15	ug/L
m&p-Xylenes	136777-61-2	< 0.22	U	2.0	0.22	ug/L
o-Xylene	95-47-6	< 0.19	U	1.0	0.19	ug/L
Styrene	100-42-5	< 0.23	U	1.0	0.23	ug/L
Bromoform	75-25-2	< 0.47	U	1.0	0.47	ug/L
Isopropylbenzene	98-82-8	< 0.20	U	1.0	0.20	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	< 0.59	U	1.0	0.59	ug/L
1,2,3-Trichloropropane	96-18-4	< 0.54	U	1.0	0.54	ug/L
Bromobenzene	108-86-1	< 0.24	U	1.0	0.24	ug/L
n-propylbenzene	103-61-5	< 0.21	U	1.0	0.21	ug/L
2-Chlorotoluene	95-49-8	< 0.34	U	1.0	0.34	ug/L
1,3,5-Trimethylbenzene	108-67-8	< 0.10	U	1.0	0.10	ug/L
4-Chlorotoluene	106-43-4	< 0.36	U	1.0	0.36	ug/L
tert-Butylbenzene	98-06-6	< 0.16	U	1.0	0.16	ug/L
1,2,4-Trimethylbenzene	95-63-6	< 0.10	U	1.0	0.10	ug/L
Sec-butylbenzene	135-98-8	< 0.20	U	1.0	0.20	ug/L
4-Isopropyltoluene	99-87-6	< 0.23	U	1.0	0.23	ug/L
1,3-Dichlorobenzene	541-73-1	< 0.22	U	1.0	0.22	ug/L
1,4-Dichlorobenzene	106-46-7	< 0.24	U	1.0	0.24	ug/L
n-Butylbenzene	104-51-8	< 0.21	U	1.0	0.21	ug/L
1,2-Dichlorobenzene	95-50-1	< 0.27	U	1.0	0.27	ug/L
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.61	U	1.0	0.61	ug/L
1,2,4-Trichlorobenzene	120-82-1	< 0.38	U	1.0	0.38	ug/L
Hexachlorobutadiene	87-68-3	< 0.29	U	1.0	0.29	ug/L
Naphthalene	91-20-3	< 0.82	U	1.0	0.82	ug/L

Volatiles

SDG No.: R3948

Client: Impact Environmental

Sample ID: R3948-28

Client ID: 347-GP-2340-44

Date Collected: 8/19/03

Date Received: 8/21/03

Date Analyzed: 9/1/03

Matrix: WATER

File ID: VF090115.D

Analytical Run ID: VF081903

Dilution: 1

Instrument ID: MSVOAF

Analytical Method: 8260

Associated Blank: VBF0901W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
1,2,3-Trichlorobenzene	87-61-6	< 0.53	U	1.0	0.53	ug/L
SURROGATES						
Dibromofluoromethane	1868-53-7	10.73	107 %	75 - 126		SPK: 10
1,2-Dichloroethane-d4	17060-07-0	7.37	74 %	74 - 135		SPK: 10
Toluene-d8	2037-26-5	10.65	106 %	72 - 126		SPK: 10
4-Bromofluorobenzene	460-00-4	9.83	98 %	68 - 128		SPK: 10
INTERNAL STANDARDS						
Pentafluorobenzene	363-72-4	1298897	7.86			
1,4-Difluorobenzene	540-36-3	1484421	9.17			
Chlorobenzene-d5	3114-55-4	1176371	15.12			
1,4-Dichlorobenzene-d4	3855-82-1	641440	20.51			
TENTITIVE IDENTIFIED COMPOUNDS						
Propene	115071	5.3	J	1.78		ug/L
1-Propene, 2-methyl-	115117	4.1	J	2.11		ug/L
1-Pentene	109671	1.3	J	2.97		ug/L
Pentane	109660	1.1	J	3.02		ug/L

Hit Summary Report

SDG No.: R3948

Order ID: R3948

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-FIELDBLANK81903							
R3948-13	347-FIELDBLANK8	WATER	Methylene Chloride	0.77	J	1.0	0.21	ug/L
			Total VOC's:	0.77				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	0.77				
Client ID:	347-GP-1940-44							
R3948-18	347-GP-1940-44	WATER	Methyl tert-butyl Ether	0.73	J	1.0	0.49	ug/L
R3948-18	347-GP-1940-44	WATER	1,1-Dichloroethane	0.65	J	1.0	0.01	ug/L
R3948-18	347-GP-1940-44	WATER	cis-1,2-Dichloroethene	3.3		1.0	0.36	ug/L
R3948-18	347-GP-1940-44	WATER	1,1,1-Trichloroethane	0.88	J	1.0	0.14	ug/L
R3948-18	347-GP-1940-44	WATER	Trichloroethene	1.3		1.0	0.27	ug/L
R3948-18	347-GP-1940-44	WATER	Tetrachloroethene	4.3		1.0	0.22	ug/L
			Total VOC's:	11.16				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	11.16				
Client ID:	347-GP-1954-58							
R3948-17	347-GP-1954-58	WATER	Chloroethane	1.0		1.0	0.24	ug/L
R3948-17	347-GP-1954-58	WATER	Carbon disulfide	1.5		1.0	0.17	ug/L
R3948-17	347-GP-1954-58	WATER	cis-1,2-Dichloroethene	2.9		1.0	0.36	ug/L
R3948-17	347-GP-1954-58	WATER	Trichloroethene	0.78	J	1.0	0.27	ug/L
R3948-17	347-GP-1954-58	WATER	Tetrachloroethene	3.8		1.0	0.22	ug/L
R3948-17	347-GP-1954-58	WATER	Propene	* 12	J	0	0	ug/L
R3948-17	347-GP-1954-58	WATER	Isobutane	* 1.4	J	0	0	ug/L
R3948-17	347-GP-1954-58	WATER	1-Propene, 2-methyl-	* 8.3	J	0	0	ug/L
R3948-17	347-GP-1954-58	WATER	1-Butene	* 1.0	J	0	0	ug/L
R3948-17	347-GP-1954-58	WATER	Cyclopentane	* 2.0	J	0	0	ug/L
R3948-17	347-GP-1954-58	WATER	Pentane	* 2.2	J	0	0	ug/L
			Total VOC's:	9.98				
			Total TIC's:	26.90				
			Total VOC's and TIC's:	36.88				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: R3948

Order ID: R3948

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-GP-1970-74							
R3948-16	347-GP-1970-74	WATER	Methyl tert-butyl Ether	1.0		1.0	0.49	ug/L
R3948-16	347-GP-1970-74	WATER	cis-1,2-Dichloroethene	2.1		1.0	0.36	ug/L
R3948-16	347-GP-1970-74	WATER	Tetrachloroethene	9.4		1.0	0.22	ug/L
R3948-16	347-GP-1970-74	WATER	Propene	* 9.5	J	0	0	ug/L
R3948-16	347-GP-1970-74	WATER	Cyclobutane	* 7.6	J	0	0	ug/L
R3948-16	347-GP-1970-74	WATER	1-Butene	* 1.1	J	0	0	ug/L
R3948-16	347-GP-1970-74	WATER	1-Pentene	* 1.7	J	0	0	ug/L
R3948-16	347-GP-1970-74	WATER	Pentane	* 2.1	J	0	0	ug/L
Total VOC's:				12.50				
Total TIC's:				22.00				
Total VOC's and TIC's:				34.50				
Client ID:	347-GP-1980-84							
R3948-15	347-GP-1980-84	WATER	Carbon disulfide	1.0	J	1.0	0.17	ug/L
R3948-15	347-GP-1980-84	WATER	cis-1,2-Dichloroethene	6.7		1.0	0.36	ug/L
R3948-15	347-GP-1980-84	WATER	Trichloroethene	4.8		1.0	0.27	ug/L
R3948-15	347-GP-1980-84	WATER	Propene	* 8.9	J	0	0	ug/L
R3948-15	347-GP-1980-84	WATER	1-Propene, 2-methyl-	* 6.3	J	0	0	ug/L
R3948-15	347-GP-1980-84	WATER	Butane, 2-methyl-	* 1.1	J	0	0	ug/L
R3948-15	347-GP-1980-84	WATER	1-Pentene	* 1.7	J	0	0	ug/L
Total VOC's:				12.50				
Total TIC's:				18.00				
Total VOC's and TIC's:				30.50				
Client ID:	347-GP-1980-84DL							
R3948-15DL	347-GP-1980-84DL	WATER	cis-1,2-Dichloroethene	5.6	D	5.0	1.8	ug/L
R3948-15DL	347-GP-1980-84DL	WATER	Trichloroethene	4.2	JD	5.0	1.4	ug/L
R3948-15DL	347-GP-1980-84DL	WATER	Tetrachloroethene	40	D	5.0	1.1	ug/L
R3948-15DL	347-GP-1980-84DL	WATER	Propene	* 22	JD	0	0	ug/L
R3948-15DL	347-GP-1980-84DL	WATER	1-Propene, 2-methyl-	* 17	JD	0	0	ug/L
Total VOC's:				49.80				
Total TIC's:				39.00				
Total VOC's and TIC's:				88.80				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: R3948

Order ID: R3948

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-GP-2040-44							
R3948-22	347-GP-2040-44	WATER	Carbon disulfide	0.88	J	1.0	0.17	ug/L
R3948-22	347-GP-2040-44	WATER	1,1-Dichloroethane	1.1		1.0	0.01	ug/L
R3948-22	347-GP-2040-44	WATER	cis-1,2-Dichloroethene	2.1		1.0	0.36	ug/L
R3948-22	347-GP-2040-44	WATER	1,1,1-Trichloroethane	0.92	J	1.0	0.14	ug/L
R3948-22	347-GP-2040-44	WATER	Trichloroethene	0.99	J	1.0	0.27	ug/L
R3948-22	347-GP-2040-44	WATER	Tetrachloroethene	3.4		1.0	0.22	ug/L
R3948-22	347-GP-2040-44	WATER	Propene	* 13	J	0	0	ug/L
R3948-22	347-GP-2040-44	WATER	Isobutane	* 1.5	J	0	0	ug/L
R3948-22	347-GP-2040-44	WATER	1-Propene, 2-methyl-	* 10	J	0	0	ug/L
R3948-22	347-GP-2040-44	WATER	1-Butene	* 1.2	J	0	0	ug/L
R3948-22	347-GP-2040-44	WATER	Butane, 2-methyl-	* 2.1	J	0	0	ug/L
R3948-22	347-GP-2040-44	WATER	1-Pentene	* 2.6	J	0	0	ug/L
R3948-22	347-GP-2040-44	WATER	Pentane	* 3.4	J	0	0	ug/L
R3948-22	347-GP-2040-44	WATER	Pentane, 3-methylene-	* 1.1	J	0	0	ug/L
R3948-22	347-GP-2040-44	WATER	1-Pentene, 2-methyl-	* 1.5	J	0	0	ug/L
Total VOC's:				9.39				
Total TIC's:				36.40				
Total VOC's and TIC's:				45.79				
Client ID:	347-GP-2052-56							
R3948-21	347-GP-2052-56	WATER	Methyl tert-butyl Ether	1.3		1.0	0.49	ug/L
R3948-21	347-GP-2052-56	WATER	1,1-Dichloroethane	0.85	J	1.0	0.01	ug/L
R3948-21	347-GP-2052-56	WATER	cis-1,2-Dichloroethene	7.6		1.0	0.36	ug/L
R3948-21	347-GP-2052-56	WATER	Trichloroethene	1.3		1.0	0.27	ug/L
R3948-21	347-GP-2052-56	WATER	Tetrachloroethene	4.2		1.0	0.22	ug/L
R3948-21	347-GP-2052-56	WATER	Propene	* 21	J	0	0	ug/L
R3948-21	347-GP-2052-56	WATER	Isobutane	* 2.3	J	0	0	ug/L
R3948-21	347-GP-2052-56	WATER	1-Propene, 2-methyl-	* 15	J	0	0	ug/L
R3948-21	347-GP-2052-56	WATER	1-Butene	* 2.0	J	0	0	ug/L
R3948-21	347-GP-2052-56	WATER	Butane, 2-methyl-	* 2.8	J	0	0	ug/L
R3948-21	347-GP-2052-56	WATER	1-Pentene	* 3.8	J	0	0	ug/L
R3948-21	347-GP-2052-56	WATER	Pentane	* 4.7	J	0	0	ug/L
R3948-21	347-GP-2052-56	WATER	Pentane, 3-methylene-	* 1.6	J	0	0	ug/L
R3948-21	347-GP-2052-56	WATER	1-Pentene, 2-methyl-	* 1.9	J	0	0	ug/L
Total VOC's:				15.25				
Total TIC's:				55.10				
Total VOC's and TIC's:				70.35				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: R3948

Order ID: R3948

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-GP-2070-74							
R3948-20	347-GP-2070-74	WATER	1,1-Dichloroethane	0.63	J	1.0	0.01	ug/L
R3948-20	347-GP-2070-74	WATER	Toluene	0.92	J	1.0	0.18	ug/L
R3948-20	347-GP-2070-74	WATER	Propene	* 36	J	0	0	ug/L
R3948-20	347-GP-2070-74	WATER	1-Propene, 2-methyl-	* 24	J	0	0	ug/L
R3948-20	347-GP-2070-74	WATER	1-Butene	* 5.8	J	0	0	ug/L
R3948-20	347-GP-2070-74	WATER	Butane, 2-methyl-	* 3.0	J	0	0	ug/L
R3948-20	347-GP-2070-74	WATER	1-Pentene	* 4.6	J	0	0	ug/L
R3948-20	347-GP-2070-74	WATER	Pentane	* 9.7	J	0	0	ug/L
R3948-20	347-GP-2070-74	WATER	2-Pentene, (Z)-	* 3.6	J	0	0	ug/L
R3948-20	347-GP-2070-74	WATER	Cyclopentene	* 2.9	J	0	0	ug/L
R3948-20	347-GP-2070-74	WATER	1-Hexene	* 3.0	J	0	0	ug/L
Total VOC's:				1.55				
Total TIC's:				92.60				
Total VOC's and TIC's:				94.15				
Client ID:	347-GP-2080-84							
R3948-19	347-GP-2080-84	WATER	Methyl tert-butyl Ether	1.1		1.0	0.49	ug/L
R3948-19	347-GP-2080-84	WATER	1,1-Dichloroethane	0.62	J	1.0	0.01	ug/L
R3948-19	347-GP-2080-84	WATER	Toluene	1.0	J	1.0	0.18	ug/L
R3948-19	347-GP-2080-84	WATER	Propene	* 26	J	0	0	ug/L
R3948-19	347-GP-2080-84	WATER	1-Propene, 2-methyl-	* 18	J	0	0	ug/L
R3948-19	347-GP-2080-84	WATER	1-Butene	* 5.0	J	0	0	ug/L
R3948-19	347-GP-2080-84	WATER	Butane, 2-methyl-	* 2.0	J	0	0	ug/L
R3948-19	347-GP-2080-84	WATER	1-Pentene	* 3.7	J	0	0	ug/L
R3948-19	347-GP-2080-84	WATER	2-Butene, 2-methyl-	* 6.7	J	0	0	ug/L
R3948-19	347-GP-2080-84	WATER	2-Pentene	* 3.1	J	0	0	ug/L
R3948-19	347-GP-2080-84	WATER	Cyclopentene	* 2.8	J	0	0	ug/L
R3948-19	347-GP-2080-84	WATER	1-Hexene	* 2.6	J	0	0	ug/L
Total VOC's:				2.72				
Total TIC's:				69.90				
Total VOC's and TIC's:				72.62				
Client ID:	347-GP-2138-42							
R3948-23	347-GP-2138-42	WATER	cis-1,2-Dichloroethene	22		1.0	0.36	ug/L
R3948-23	347-GP-2138-42	WATER	Trichloroethene	9.8		1.0	0.27	ug/L
Total VOC's:				31.80				
Total TIC's:				0.00				
Total VOC's and TIC's:				31.80				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: R3948

Order ID: R3948

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-GP-2138-42DL							
R3948-23DL	347-GP-2138-42DL	WATER	cis-1,2-Dichloroethene	22	D	5.0	1.8	ug/L
R3948-23DL	347-GP-2138-42DL	WATER	Trichloroethene	9.1	D	5.0	1.4	ug/L
R3948-23DL	347-GP-2138-42DL	WATER	Tetrachloroethene	68	D	5.0	1.1	ug/L
Total VOC's:				99.10				
Total TIC's:				0.00				
Total VOC's and TIC's:				99.10				
Client ID:	347-GP-2240-44							
R3948-12	347-GP-2240-44	WATER	Carbon disulfide	0.95	J	1.0	0.17	ug/L
R3948-12	347-GP-2240-44	WATER	cis-1,2-Dichloroethene	13		1.0	0.36	ug/L
R3948-12	347-GP-2240-44	WATER	Trichloroethene	7.1		1.0	0.27	ug/L
R3948-12	347-GP-2240-44	WATER	Propene	* 10	J	0	0	ug/L
R3948-12	347-GP-2240-44	WATER	Cyclobutane	* 7.3	J	0	0	ug/L
R3948-12	347-GP-2240-44	WATER	1-Butene	* 1.0	J	0	0	ug/L
R3948-12	347-GP-2240-44	WATER	Butane, 2-methyl-	* 1.0	J	0	0	ug/L
R3948-12	347-GP-2240-44	WATER	1-Pentene	* 2.3	J	0	0	ug/L
R3948-12	347-GP-2240-44	WATER	1-Butene, 2-methyl-	* 1.2	J	0	0	ug/L
R3948-12	347-GP-2240-44	WATER	1-Hexene	* 1.3	J	0	0	ug/L
Total VOC's:				21.05				
Total TIC's:				24.10				
Total VOC's and TIC's:				45.15				
Client ID:	347-GP-2240-44DL							
R3948-12DL	347-GP-2240-44DL	WATER	cis-1,2-Dichloroethene	11	D	5.0	1.8	ug/L
R3948-12DL	347-GP-2240-44DL	WATER	Trichloroethene	6.8	D	5.0	1.4	ug/L
R3948-12DL	347-GP-2240-44DL	WATER	Tetrachloroethene	46	D	5.0	1.1	ug/L
R3948-12DL	347-GP-2240-44DL	WATER	Propene	* 11	JD	0	0	ug/L
R3948-12DL	347-GP-2240-44DL	WATER	1-Butene	* 7.7	JD	0	0	ug/L
Total VOC's:				63.80				
Total TIC's:				18.70				
Total VOC's and TIC's:				82.50				

Hit Summary Report

SDG No.: R3948

Order ID: R3948

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-GP-2254-58							
R3948-11	347-GP-2254-58	WATER	Vinyl chloride	0.83	J	1.0	0.26	ug/L
R3948-11	347-GP-2254-58	WATER	Methyl tert-butyl Ether	0.85	J	1.0	0.49	ug/L
R3948-11	347-GP-2254-58	WATER	cis-1,2-Dichloroethene	22		1.0	0.36	ug/L
R3948-11	347-GP-2254-58	WATER	Trichloroethene	7.7		1.0	0.27	ug/L
R3948-11	347-GP-2254-58	WATER	Propene	* 18	J	0	0	ug/L
R3948-11	347-GP-2254-58	WATER	Isobutane	* 1.9	J	0	0	ug/L
R3948-11	347-GP-2254-58	WATER	1-Butene	* 1.8	J	0	0	ug/L
R3948-11	347-GP-2254-58	WATER	Butane, 2-methyl-	* 2.7	J	0	0	ug/L
R3948-11	347-GP-2254-58	WATER	1-Pentene	* 4.1	J	0	0	ug/L
R3948-11	347-GP-2254-58	WATER	Pentane	* 5.1	J	0	0	ug/L
R3948-11	347-GP-2254-58	WATER	2-Pentene, (Z)-	* 1.6	J	0	0	ug/L
R3948-11	347-GP-2254-58	WATER	Cyclopropane, 1-ethyl-1-meth	* 1.6	J	0	0	ug/L
R3948-11	347-GP-2254-58	WATER	1-Hexene	* 2.6	J	0	0	ug/L
Total VOC's:				31.38				
Total TIC's:				39.40				
Total VOC's and TIC's:				70.78				

Client ID: 347-GP-2254-58DL

R3948-11DL	347-GP-2254-58DL	WATER	cis-1,2-Dichloroethene	9.1	D	5.0	1.8	ug/L
R3948-11DL	347-GP-2254-58DL	WATER	Trichloroethene	3.2	JD	5.0	1.4	ug/L
R3948-11DL	347-GP-2254-58DL	WATER	Tetrachloroethene	51	D	5.0	1.1	ug/L
R3948-11DL	347-GP-2254-58DL	WATER	Propene	* 22	JD	0	0	ug/L
R3948-11DL	347-GP-2254-58DL	WATER	1-Propene, 2-methyl-	* 17	JD	0	0	ug/L
R3948-11DL	347-GP-2254-58DL	WATER	Pentane	* 5.2	JD	0	0	ug/L
Total VOC's:				63.30				
Total TIC's:				44.20				
Total VOC's and TIC's:				107.50				

Client ID: 347-GP-2270-74

R3948-10	347-GP-2270-74	WATER	cis-1,2-Dichloroethene	4.4		1.0	0.36	ug/L
R3948-10	347-GP-2270-74	WATER	Tetrachloroethene	18		1.0	0.22	ug/L
R3948-10	347-GP-2270-74	WATER	Propene	* 17	J	0	0	ug/L
R3948-10	347-GP-2270-74	WATER	1-Propene, 2-methyl-	* 12	J	0	0	ug/L
R3948-10	347-GP-2270-74	WATER	Cyclobutane	* 2.3	J	0	0	ug/L
R3948-10	347-GP-2270-74	WATER	Butane, 2-methyl-	* 1.2	J	0	0	ug/L
R3948-10	347-GP-2270-74	WATER	1-Pentene	* 3.4	J	0	0	ug/L
R3948-10	347-GP-2270-74	WATER	2-Pentene	* 1.5	J	0	0	ug/L
R3948-10	347-GP-2270-74	WATER	Cyclopropane, methylmethylet	* 1.6	J	0	0	ug/L
R3948-10	347-GP-2270-74	WATER	1-Pentene, 2-methyl-	* 2.0	J	0	0	ug/L
Total VOC's:				22.40				
Total TIC's:				41.00				
Total VOC's and TIC's:				63.40				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: R3948

Order ID: R3948

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-GP-2280-84							
R3948-24	347-GP-2280-84	WATER	cis-1,2-Dichloroethene	5.7		1.0	0.36	ug/L
R3948-24	347-GP-2280-84	WATER	Trichloroethene	0.91	J	1.0	0.27	ug/L
R3948-24	347-GP-2280-84	WATER	Tetrachloroethene	15		1.0	0.22	ug/L
R3948-24	347-GP-2280-84	WATER	Propene	* 30	J	0	0	ug/L
R3948-24	347-GP-2280-84	WATER	Isobutane	* 2.8	J	0	0	ug/L
R3948-24	347-GP-2280-84	WATER	1-Propene, 2-methyl-	* 22	J	0	0	ug/L
R3948-24	347-GP-2280-84	WATER	1-Butene	* 3.9	J	0	0	ug/L
R3948-24	347-GP-2280-84	WATER	Butane, 2-methyl-	* 3.6	J	0	0	ug/L
R3948-24	347-GP-2280-84	WATER	1-Pentene	* 5.1	J	0	0	ug/L
R3948-24	347-GP-2280-84	WATER	Pentane	* 8.4	J	0	0	ug/L
R3948-24	347-GP-2280-84	WATER	Cyclopentene	* 3.0	J	0	0	ug/L
R3948-24	347-GP-2280-84	WATER	1-Hexene	* 3.4	J	0	0	ug/L
Total VOC's:				21.61				
Total TIC's:				82.20				
Total VOC's and TIC's:				103.81				
Client ID:	347-GP-2340-44							
R3948-28	347-GP-2340-44	WATER	Tetrachloroethene	4.6		1.0	0.22	ug/L
R3948-28	347-GP-2340-44	WATER	Propene	* 5.3	J	0	0	ug/L
R3948-28	347-GP-2340-44	WATER	1-Propene, 2-methyl-	* 4.1	J	0	0	ug/L
R3948-28	347-GP-2340-44	WATER	1-Pentene	* 1.3	J	0	0	ug/L
R3948-28	347-GP-2340-44	WATER	Pentane	* 1.1	J	0	0	ug/L
Total VOC's:				4.60				
Total TIC's:				11.80				
Total VOC's and TIC's:				16.40				
Client ID:	347-GP-2354-58							
R3948-27	347-GP-2354-58	WATER	Tetrachloroethene	23		1.0	0.22	ug/L
R3948-27	347-GP-2354-58	WATER	Propene	* 12	J	0	0	ug/L
R3948-27	347-GP-2354-58	WATER	Isobutane	* 1.3	J	0	0	ug/L
R3948-27	347-GP-2354-58	WATER	1-Propene, 2-methyl-	* 9.6	J	0	0	ug/L
R3948-27	347-GP-2354-58	WATER	1-Butene	* 1.1	J	0	0	ug/L
R3948-27	347-GP-2354-58	WATER	Butane, 2-methyl-	* 1.9	J	0	0	ug/L
R3948-27	347-GP-2354-58	WATER	1-Pentene	* 2.8	J	0	0	ug/L
R3948-27	347-GP-2354-58	WATER	Pentane	* 3.5	J	0	0	ug/L
R3948-27	347-GP-2354-58	WATER	1-Butene, 2-methyl-	* 1.0	J	0	0	ug/L
R3948-27	347-GP-2354-58	WATER	1-Pentene, 2-methyl-	* 1.9	J	0	0	ug/L
Total VOC's:				23.00				
Total TIC's:				35.10				
Total VOC's and TIC's:				58.10				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: R3948

Order ID: R3948

Client: Impact Environmental

Project ID: MELODY CLEANERS DRY WEL

Test: VOC-Chemtech Full -15

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	347-GP-2370-74							
R3948-25	347-GP-2370-74	WATER	Propene	* 20	J	0	0	ug/L
R3948-25	347-GP-2370-74	WATER	Isobutane	* 1.8	J	0	0	ug/L
R3948-25	347-GP-2370-74	WATER	Cyclobutane	* 15	J	0	0	ug/L
R3948-25	347-GP-2370-74	WATER	1-Butene	* 2.6	J	0	0	ug/L
R3948-25	347-GP-2370-74	WATER	Butane, 2-methyl-	* 2.6	J	0	0	ug/L
R3948-25	347-GP-2370-74	WATER	1-Pentene	* 3.7	J	0	0	ug/L
R3948-25	347-GP-2370-74	WATER	Pentane	* 6.5	J	0	0	ug/L
R3948-25	347-GP-2370-74	WATER	2-Pentene	* 2.1	J	0	0	ug/L
R3948-25	347-GP-2370-74	WATER	1-Pentene, 2-methyl-	* 2.8	J	0	0	ug/L
		Total VOC's:		0.00				
		Total TIC's:		57.10				
		Total VOC's and TIC's:		57.10				
Client ID:	347-GP-2380-84							
R3948-26	347-GP-2380-84	WATER	Propene	* 29	J	0	0	ug/L
R3948-26	347-GP-2380-84	WATER	Isobutane	* 2.6	J	0	0	ug/L
R3948-26	347-GP-2380-84	WATER	Cyclobutane	* 22	J	0	0	ug/L
R3948-26	347-GP-2380-84	WATER	1-Butene	* 3.9	J	0	0	ug/L
R3948-26	347-GP-2380-84	WATER	Butane, 2-methyl-	* 3.4	J	0	0	ug/L
R3948-26	347-GP-2380-84	WATER	1-Pentene	* 4.6	J	0	0	ug/L
R3948-26	347-GP-2380-84	WATER	Pentane	* 8.6	J	0	0	ug/L
R3948-26	347-GP-2380-84	WATER	2-Pentene	* 2.5	J	0	0	ug/L
R3948-26	347-GP-2380-84	WATER	Cyclopentene	* 2.8	J	0	0	ug/L
R3948-26	347-GP-2380-84	WATER	1-Pentene, 2-methyl-	* 3.0	J	0	0	ug/L
		Total VOC's:		0.00				
		Total TIC's:		82.40				
		Total VOC's and TIC's:		82.40				



284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MELODY CLEANERS DRY WELLS

**IMPACT ENVIRONMENTAL
1 VILLAGE PLAZA
KINGS PARK, NY 11754
6312698800**

**CHEMTECH PROJECT NO.
ATTENTION:**

**R3048
Kevin Kleaka**

Volatiles

SDG No.: R3048

Client: Impact Environmental

Sample ID: R3048-01

Client ID: 347-GP-1838-42

Date Collected: 6/24/03

Date Received: 6/26/03

Date Analyzed: 7/3/03

Matrix: WATER

File ID: VI070317.D

Analytical Run ID: VI070103

Dilution: 1

Instrument ID: MSVOAI

Analytical Method: 8260

Associated Blank: VBI0703W2

Sample Wt/Wol: 25.0 Units: mL

Soil Extract Vol:

Soil Aliquot Vol:

% Moisture: 100

Parameter	CAS Number	Concentration	C	RDL	MDL	Units
TARGETS						
Dichlorodifluoromethane	75-71-8	< 0.16	U	1.0	0.16	ug/L
Chloromethane	74-87-3	< 0.96	U	1.0	0.96	ug/L
Vinyl chloride	75-01-4	< 0.26	U	1.0	0.26	ug/L
Bromomethane	74-83-9	< 0.66	U	1.0	0.66	ug/L
Chloroethane	75-00-3	< 0.24	U	1.0	0.24	ug/L
Trichlorofluoromethane	75-69-4	< 0.16	U	1.0	0.16	ug/L
tert-Butyl Alcohol	75-65-0	< 2.2	U	5.0	2.2	ug/L
1,1-Dichloroethene	75-35-4	< 0.11	U	1.0	0.11	ug/L
Acrolein	107-02-8	< 1.0	U	5.0	1.0	ug/L
Acrylonitrile	107-13-1	< 4.4	U	5.0	4.4	ug/L
Acetone	67-64-1	< 1.1	U	5.0	1.1	ug/L
Carbon disulfide	75-15-0	< 0.17	U	1.0	0.17	ug/L
Methyl tert-butyl Ether	1634-04-4	< 0.49	U	1.0	0.49	ug/L
Methylene Chloride	75-09-2	2.2	B	1.0	0.21	ug/L
trans-1,2-Dichloroethene	156-60-5	< 0.27	U	1.0	0.27	ug/L
Vinyl Acetate	108-05-4	< 1.4	U	5.0	1.4	ug/L
1,1-Dichloroethane	75-34-3	< 0.01	U	1.0	0.01	ug/L
2-Butanone	78-93-3	< 1.7	U	5.0	1.7	ug/L
Carbon Tetrachloride	56-23-5	< 0.11	U	1.0	0.11	ug/L
2,2-Dichloropropane	594-20-7	< 0.14	U	1.0	0.14	ug/L
cis-1,2-Dichloroethene	156-59-2	< 0.36	U	1.0	0.36	ug/L
Bromochloromethane	74-97-5	< 0.55	U	1.0	0.55	ug/L
Chloroform	67-66-3	< 0.24	U	1.0	0.24	ug/L
1,1,1-Trichloroethane	71-55-6	< 0.14	U	1.0	0.14	ug/L
1,1-Dichloropropene	563-43-2	< 0.15	U	1.0	0.15	ug/L
Benzene	71-43-2	< 0.14	U	1.0	0.14	ug/L
1,2-Dichloroethane	107-06-2	< 0.38	U	1.0	0.38	ug/L
Trichloroethene	79-01-6	< 0.27	U	1.0	0.27	ug/L
1,2-Dichloropropane	78-87-5	< 0.26	U	1.0	0.26	ug/L
Dibromomethane	74-95-3	< 0.50	U	1.0	0.50	ug/L
Bromodichloromethane	75-27-4	< 0.31	U	1.0	0.31	ug/L
4-Methyl-2-Pentanone	108-10-1	< 1.2	U	5.0	1.2	ug/L
Toluene	108-88-3	< 0.18	U	1.0	0.18	ug/L
t-1,3-Dichloropropene	10061-02-6	< 0.19	U	1.0	0.19	ug/L