



A **tyco** International Ltd. Company

SUBSURFACE INVESTIGATION REPORT

NORTHEAST ALLOYS AND METALS
2145 DWYER AVENUE
UTICA, NEW YORK

NYSDEC SITE ID 633045

Prepared for:

Superfund Standby Program
New York State
Department of Environmental Conservation
625 Broadway
Albany, New York 12233
Work Assignment No. D004445-12.2



Prepared by:

 **EarthTech**
A **tyco** International Ltd. Company

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April 16, 2008

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1.0 INTRODUCTION

The purpose of this Subsurface Investigation Report (SIR) is to document the results of the MW-6 Source Investigation at the former Northeast Alloys & Metals facility, located at 2145 Dwyer Avenue in Utica (Oneida County), New York (the Site). The Site is identified as Inactive Hazardous Waste Site #633045 and is currently in the Operations & Maintenance (O&M) phase of its selected remedy. This work was performed under Work Assignment #12.2, D004445 of the Superfund Standby Contract (SSC) between the New York State Department of Environmental Conservation (NYSDEC) and Earth Tech Northeast, Inc. (Earth Tech) for Multi-Site E. Figure 1-1 depicts the general site location.

The Work Plan Amendment addressing the proposed scope of services was approved by NYSDEC in February 2008. The goal of the investigation was to characterize the degree and extent of soil contamination in the vicinity of MW-6, located in the Courtyard Area, in order to evaluate potential remedial scenarios that may accelerate site cleanup. NYSDEC requested the investigation after learning that the site ownership had changed and buildings were to be demolished or rehabilitated. Additional scope tasks during the MW-6 investigation included sampling below the slab of the former on-site Degreasing Area and downgradient of it; as well as conducting sub-slab vapor sampling.

1.1 Summary of Work

Pre-field activities included the following tasks:

- a preliminary site walk and meeting with the site owner and NYSDEC representatives;
- review of historical documents made available by NYSDEC for the Site;
- preparation of a proposed scope and conceptual sampling plan;
- preparation of an addendum to the site-specific Health and Safety Plan; and
- selection of subcontractors.

NYSDEC, the new site owner (Cobblestone Construction), and their representative (Synapse Risk Management), arranged for site preparation and access to accommodate the expedited field schedule. The northern section of a site building that housed the former Degreasing Area and a small brick storage building in the Courtyard Area were razed to the slab prior to commencing field work. A private utility survey was performed prior to intrusive field activities.

The field investigation was completed by Earth Tech geologists overseeing drillers from Aztech Technologies, Inc. (Aztech). The work included the installation of twenty-six (26) Geoprobe® borings, installed with a 6620DT track-mounted rig, and the collection of four sub-slab soil vapor samples between February 28, 2008 and March 4, 2008.

Earth Tech selected samples for analysis based on the goals of the project and review of historical environmental data. Laboratory analytical services were provided by Chemtech Consulting Group (Chemtech).

Post-field activities included:

- preparation of soil boring logs in electronic format;
- generation of mapping to depict sample locations and contaminant distribution;
- analytical data tabulation and summation; and,

- preparation of this report.

2.0 DOCUMENT REVIEW

Based on review of the 1998 Remedial Investigation/Feasibility Study (RI/FS) prepared by Civil & Environmental Consultants, Inc. (CEC), the site was used for a variety of metal fabrication/recycling operations between the 1950s and early 1990s, in addition to a commercial laundry facility during the 1970s. The primary contaminants of concerns (COCs) are Trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE). A groundwater collection and treatment (GCT) system is in operation at the north end of the Site, which was installed in 2001 (see Figure 1-2 for location). The GCT system consists of a groundwater collection trench that discharges to a vault where groundwater is aerated to treat chlorinated volatile organic compounds (CVOCs). Approximately 40,000 gallons of groundwater are treated monthly and discharged to the Oneida County sanitary sewer system.

The initial presence of CVOCs was reportedly identified during closure sampling of a former petroleum underground storage tank (UST) historically located in the southwestern portion of the courtyard. TCE and cis-1,2-DCE were identified as COCs. Later interviews reportedly suggested that a drum of TCE had been pierced in the courtyard by a forklift and had discharged to a storm drain.

2.1 Historical Soil and Soil Gas Data

According to the RI/FS, historical soil sampling in the Courtyard Area and former Degreasing Area had been relatively limited and had not identified significant concentrations of COCs in soils. Shallow soil sampling (2-6 feet below grade) occurred in the western end of the courtyard during the initial investigations in the early 1990s. Shallow and deep soils were also sampled from the borings for monitoring well MW-6, in the Courtyard Area in the vicinity of the storm drain release, and recovery well RW-2, downgradient of the former Degreasing Area. COC concentrations in all of these samples were low.

Soil gas sampling was conducted in the former Degreasing Area in the 1990s, which identified elevated concentrations north of the former Degreasing Area and below the slab.

2.2 Historical Groundwater Data

Historical groundwater data from MW-6 identified significantly elevated concentrations of CVOCs. Specifically, a sample from MW-6 in December 1993 identified 1,2-dichloroethene (1,2-DCE) at 26 milligrams per liter (mg/L) or parts per million (ppm); 1,1,1-trichloroethane (TCA) at 29 mg/L; 1,1-dichloroethane (1,1-DCA) at 4.4 mg/L; TCE at 3.9 mg/L and low concentrations of 1,1-dichloroethene (1,1-DCE) estimated at 0.56 mg/L. A later sample from February 1997 exhibited higher levels of 1,2-DCE (36 mg/L); lower levels of TCA (15 mg/L), 1,1-DCA (7.8 mg/L), TCE (0.19 mg/L), and 1,1-DCE (0.46 mg/L).

In 1997, shortly after installation, nearby recovery well RW-1 exhibited elevated 1,2-DCE and TCE concentrations at 2.9 and 2.1 mg/L, respectively, with lower levels of TCA, 1,1-DCA, 1,1-DCE, and vinyl chloride (VC).

Historical data from RW-2 (1997) exhibited elevated concentrations of primarily 1,2-DCE (3.2 mg/L) and TCE (2.4 mg/L). Additionally, elevated lead concentrations were detected in RW-2 (1,740 µg/L); however, it was unclear whether samples had been filtered. Elevated lead was not exhibited in soil samples from the RW-2 boring, according to the RI/FS.

Based on the compounds detected in RW-2 and MW-6, the RI/FS suggested that a separate source of

groundwater contamination may have been present in the former Degreasing Area. No record of additional investigation in that area was encountered during the document review.

During August 2007, all accessible on-site monitoring wells were sampled. The Monitoring Report is included as Appendix A. Based on the construction drawings of the GCT system, it does not appear that on-site recovery wells were ever tied into the GCT system. Evidence of the manhole for RW-1 was observed in the field in Spring 2008, but not RW-2 or RW-3. CVOCs detected in MW-6 above NYS Ambient Water Quality Standards (AWQS) included cis-1,2-DCE (5 mg/L), TCE (0.3 mg/L), VC (0.3 mg/L), 1,1-DCE (0.03 mg/L), TCA (0.66 mg/L), 1,1-DCA (0.46 mg/L), trans-1,2-DCE (0.02 mg/L), and chloroethane (0.024 mg/L). These results indicate an overall reduction of ethane concentrations from 31.4 mg/L to 1 mg/L over a ten-year period. Total ethene concentrations were reduced from 30 mg/L to 5.65 mg/L over the same period.

3.0 FIELD METHODOLOGY

3.1 Soil Boring Investigation

Earth Tech and Aztech personnel mobilized to the Site on February 28, 2008. The field investigation commenced with the installation of soil borings using the Geoprobe® 6620DT unit. A total of 26 soil borings were installed to a depth of 15 to 20 feet below grade (fbg). Locations of borings are depicted in Figure 1-2. Borings were installed by hydraulically advancing a 2-inch, 5-foot Macrocore sampler fitted with a dedicated acetate liner to the desired depth and retracting the sampler to recover the soil. To advance further, 2.25-inch augers were turned to the appropriate depth and the sampler was again advanced another 5-foot interval. A concrete bit was affixed to the auger head attachment to advance through surface concrete (pavement or building slab). The samples were retrieved, visually inspected by Earth Tech's on-site geologist, and screened for volatile organic compound (VOC) emissions with a MiniRae 2000 photoionization detector (PID) equipped with an 11.7 eV bulb. A descriptive log of each boring was prepared in the field. The boring logs are included in Appendix B. Select samples were collected for laboratory analysis.

3.1.1 Soil Boring Placement

The boring investigation commenced to the east of existing monitoring well MW-6, which has historically exhibited high levels of impact from chlorinated VOCs (CVOCs). Borings were installed surrounding this well and then fanning outward to provide adequate lateral coverage to identify, if present, a soil source for the contamination present in MW-6. A total of twelve soil borings were installed to a depth of 15 to 20 fbg in the courtyard area during this initial phase. All attempts were made to adequately characterize the horizontal and vertical extent of CVOC soil impacts in the vicinity of MW-6. A photograph log is provided in Appendix C, which depicts site conditions.

Per NYSDEC request, three soil borings (ETB-22 to ETB-24) were also installed within 2 to 8 feet of the northern wall of the Main Building. This is the only building on-site known to have a basement. Initial plans to install these borings in the basement of the Main Building were not carried out due to minimal ceiling clearance. ETB-26 was an additional boring installed based on soil screening from ETB-22. These borings were installed to a depth of 15 fbg.

Additionally, borings were installed in two other areas to provide supplementary subsurface soil data at the Site. Firstly, six borings (ETB-13 to ETB-18) were installed to 15 fbg beneath the concrete slab of the recently razed portion of the building, which will be referred to as the former Degreasing Area. The purpose of these borings was to evaluate soil conditions beneath the slab in case it was removed; and, whether materials management requirements would likely be required. Secondly, review of the historical investigation data for the Site suggested that a second source of CVOC contamination was present in groundwater north of the former Degreasing Area, for which a soil source had not been identified. Therefore, four soil borings (ETB-19 to ETB-21, ETB-25) were installed to a depth of 20 fbg in this area.

3.1.2 Sampling Program

Between one and four soil samples were collected from each boring. Field screening was generally inconclusive as an indicator of presence or degree of impact, particularly on days with temperatures below 20°F; therefore, additional samples were collected to ensure adequate sample coverage. Where possible, attempts were made to collect a shallow soil sample, a sample from the most impacted interval (based on visual, olfactory, or instrumental evidence), and a bottom "clean" sample. Attempts were also made to collect samples from above and below the water table, when observed.

Samples were collected in laboratory-supplied bottleware, placed on ice immediately after collection and shipped at the end of the day by common carrier under standard chain-of-custody procedures to Chemtech Consulting Group (Chemtech) in Mountainside, New Jersey for analysis of VOCs via EPA Method SOM01.2 under expedited (5-day) turnaround and with Category B deliverable packages. Chemtech is a NYS Environmental Laboratory Accreditation Program (ELAP)-certified laboratory.

Residual soil not jarred for analysis was returned to the borehole and the hole was filled with bentonite pellets and hydrated.

3.2 Sub-Slab Vapor Investigation

Earth Tech and Aztech installed three semi-permanent sub-slab vapor probes in the basement portion of the Main Building and one probe in the Warehouse portion (slab-on-grade). Locations are depicted in Figure 1-2.

A 2-inch diameter electric drill was used to penetrate the concrete floor. A ¼-inch hole was drilled into a 2-inch gripper plug and ¼-inch I.D. teflon-lined polyethylene tubing was inserted down the hole to approximately two inches beneath the base of the slab. The gripper plug was tightened and the tubing was sealed to the plug with modeling clay. The tubing was connected to a sample train consisting of a 6-liter SUMMA canister and flow controller. Hose clamps were used at each connection.

After purging the tubing with a peristaltic pump, the canisters were opened to initiate sample collection. Flow controllers had been pre-set at the laboratory to sample for an eight hour period. All connections were fitted with hose clamps. Samples were collected concurrently and one field duplicate was collected for quality assurance purposes. The field geologist recorded the sample I.D., canister and regulator I.D., date and time of sample collection, sampling depth and moisture content of the sampling zone. In addition, the purge volume, sample volume, canister vacuum pre- and post-sampling, and sampler names were recorded.

The canisters were transported by common carrier under standard chain-of-custody procedures to Chemtech for analysis. All samples were analyzed under 5-day turnaround for VOCs using EPA Method TO-15, with a minimum reporting limit of 1 µg/m³ for all analytes. Semi-permanent probes were left intact to resample in the future, if necessary.

Photographs depicting the sample trains are included in Appendix C. Samples were collected in accordance with the New York State Department of Health's Final Guidance for Evaluating Vapor Intrusion (October 2006).

4.0 SITE GEOLOGY

4.1 Soils

Based on observations of the soil borings, fill materials (cinders/slag, ash, brick, etc.) are present in the top 0 to 3 fbg in the courtyard area and the former Degreasing Area. A thicker fill interval was observed in ETB-20, which was in the vicinity of former RW-2. Below the fill interval, soils generally consist of silt and clay with variable amounts of sand and gravel in the soil matrix. This unit was defined during the RI/FS as alluvium. At approximately 10 to 14 fbg, soils transition to a dense, grayish to reddish brown glacial till that exhibited frequent rock fragments.

Water-bearing zones, when observed, seemed to be primarily within the 6 to 9 fbg interval in the alluvium deposits. The till layer was generally dry in the courtyard; however, more moisture was noted in the former Degreasing Area and north of the slab. The top of the till was generally observed deeper in these locations.

Bedrock was not encountered during the subsurface investigation. The RI/FS reported that bedrock is present at the Site at 28 fbg.

4.2 Hydrology

According to the 1998 RI/FS, the top of the shallow water table ranges from 3 to 8 fbg in the investigation area. August 2007 groundwater sampling conducted by Earth Tech exhibited similar measurements; however, the depth to water was deeper at wells in the vicinity of the groundwater collection and treatment system, which was reportedly installed in 2001. It should be noted; however, that the top of the well screens in the courtyard area (MW-5, MW-6) are located at very shallow depths (2-3.5 fbg).

The RI/FS reports the groundwater flow direction to be north or northeast, with mounding in the courtyard area, potentially due to backfilling in the former petroleum underground storage tank (UST) area. It should be noted that the north arrow orientation on the groundwater contour map in the RI/FS is incorrect by 45 degrees. Calculations in the RI/FS suggest that the lateral groundwater flow velocity within the fill/alluvium water-bearing zone is about 40 feet/year; while groundwater flow in the glacial till was presumed to be negligible.

5.0 FINDINGS OF SOIL INVESTIGATION

5.1 Field Screening Observations

Upon retrieval, soils were screened in the acetate liner using a MiniRae PID to evaluate the presence of VOCs in the soil matrix. At a minimum, one measurement was recorded per six inches of soil recovered. Concentrations were measured in parts per million (ppm) and recorded on the boring logs. The presence of odors and/or staining was also recorded.

Additionally, grab samples of soil throughout each sleeve were placed in resealable plastic bags for later headspace screening. Bagged samples were warmed up in the field vehicle to allow for volatilization of VOCs trapped in the soil matrix due to the below-freezing ambient temperatures. Then, the probe for the PID was inserted into the baggies and the measurement was recorded. It should be noted that this process generates condensation within the bags, which can bias readings on the high side. Generally, the headspace screening did yield results after warming the bagged samples. PID readings ranged from 0 to 852 ppm (ETB-25). Based on correlation with laboratory results, it was observed that samples from wet intervals and from the till did not generally exhibit PID detections during field screening, but may have exhibited significant CVOC concentrations in the analytical data. Odors and staining were noted in borings ETB-21, ETB-25, and ETB-26.

5.2 Analytical Results

A total of 71 soil samples were submitted to Chemtech for analysis of VOCs via Method SOM01.2, along with four sets of quality control samples (field duplicates, matrix spike/matrix spike duplicates, trip blanks). Analytical results are summarized in Table 1. The Soil Cleanup Objectives (SCOs) used for the results discussion are the 6 NYCRR Part 375 Soil Cleanup Objectives for Protection of Groundwater, since the goal of the investigation was to identify potential remedial actions that could reduce the long-term operation of the GCT system. TCE has an SCO of 470 µg/kg, while cis-1,2-DCE has an SCO of 250 µg/kg. Other SCOs for site COCs are provided in Table 1.

For the purposes of discussion, the results will be provided in two sections, the Courtyard Area and the former Degreasing Area. To accompany this discussion, refer to Figures 2-1 through 2-4, which provide the laboratory detections of TCE and cis-1,2-DCE for all samples in five-foot intervals from 0 to 5 fbg to 15 to 20 fbg. SCO exceedances for these two compounds are bolded on the Figures. Form 1 Results Summary Sheets for soil data are included in Appendix D.

5.2.1 Courtyard Area

The original purpose of this subsurface investigation was to evaluate soils in the vicinity of MW-6 to determine whether a shallow soil source existed that could be remediated. Twelve borings (ETB-1 to ETB-12) were installed in the Courtyard Area surrounding MW-6 to a depth of 15 to 20 fbg. An additional four borings (ETB-22, 23, 24, and 26) were installed to 15 to 20 fbg to evaluate soils adjacent to the Main Building. One to three samples were analyzed for VOCs from each of these borings.

Exceedances of the SCO for TCE were found in shallow samples from ETB-2 (2-3'), located downgradient of MW-6 and ETB-7 (1-3' and 5.5-7.5'), located upgradient from MW-6. Detected concentrations of TCE were reported at 1,600 to 2,900 µg/kg, with a sample dilution factor of 5. ETB-7 was installed in the footprint of the former brick structure, which was adjacent to the former drum storage area and likely used for petroleum

and chemical storage. These were the only SCO exceedances for TCE in the Courtyard Area borings, except for a deeper sample collected from ETB-22.

The sample at ETB-22 at the top of the glacial till (10-10.5') exhibited the most elevated concentrations of TCE and cis-1,2-DCE reported for the entire soil investigation, at 720,000 µg/kg and 29,000 µg/kg, respectively (dilution factor of 100). Boring ETB-26, which was installed presumably downgradient of ETB-22, exhibited 1,100 µg/kg TCE in the shallow sample from 0.5 to 2'. These borings were located in the vicinity of the former brick structure and the former petroleum UST. Trace to low detections of TCE and other CVOCs and petroleum-based hydrocarbons were exhibited by several samples.

Additionally, exceedances of the SCO for benzene (60 µg/kg) were noted in deeper samples from ETB-1 (13-14'), ETB-3 (13-14'), ETB-5 (16-18'), ETB-6 (12-14'), ETB-7 (10-12.5'), ETB-9 (12-14'), ETB-11 (10-11'), and ETB-11 (16-18'). Trace exceedances of acetone were also noted in select shallow soil samples.

5.2.2 Former Degreasing Area

A total of six borings (ETB-13 to ETB-18) were installed through the slab of the former northern building, where degreasing activities were reported to occur. These borings were installed to a depth of 15 fbg and exhibited minimal recovery from 10 to 15'. During the field activities, a drain and a pit were noted in the slab, which are depicted on the report figures. Analytical data for several samples identified significant CVOC contamination in both shallow and deep soils. Specifically, SCOs for TCE were exceeded in the 1-2' sample from ETB-15, ETB-16, ETB-17, and ETB-18, as well as the 5-6' samples from ETB-17 and ETB-18. Deeper samples exhibited decreasing concentrations of TCE. Cis-1,2-DCE SCOs were exceeded in ETB-17 and ETB-18 from 5-6'. Additionally, the SCO for benzene was exceeded in deeper soils from ETB-13 (12.5-15'), ETB-16 (12-14') and ETB-17 (12-14'). Marginal exceedances of acetone and low to moderate concentrations of methylene chloride were also noted in select samples.

Four borings (ETB-19, 20, 21, and 25) were installed in the grassy area north of the former Degreasing Area, outside of the slab footprint. These borings were installed based on historical groundwater contamination reported in this area at RW-2 and elevated soil gas concentrations. Significant CVOC concentrations were detected in these four borings, requiring many samples to be diluted by a factor of 5 to 100 times to quantify the concentrations.

Specifically, ETB-19 (eastern boring) exhibited TCE at 7,400 µg/kg at 1-3', 12,000 µg/kg at 5-6', and lower concentrations in the deeper samples, below the SCO. ETB-20 (northern boring) exhibited exceedances of TCE (790 µg/kg) and cis-1,2-DCE (1,600 µg/kg) in the 1-3' sample. The 6-8' sample exhibited reduced concentrations, which increased again at the top of the till (10-11.5') unit, with elevated TCE, cis-1,2-DCE, and vinyl chloride at 8,400 µg/kg, 1,800 µg/kg, and 110 µg/kg, respectively. Concentrations of TCE in ETB-21 (western boring) soil samples were reported at 35,000 µg/kg at 1-2.5'; 15,000 µg/kg at 11.5-13'; and 12,000 µg/kg in the 15-16.5' sample. Exceedances were also noted for cis-1,2-DCE (7,400, 8,100 and 5,100 µg/kg, respectively) and vinyl chloride (non-detect, 60 and 57 µg/kg, respectively). ETB-25 (southern boring) was installed at a low point in the surface topography of the grassy area north of the slab. TCE concentrations in samples from this boring were 80,000 µg/kg at 1-2.5'; 14,000 µg/kg at 10-11.5'; and 2,300 µg/kg at 11.5-13'. Deeper "clean" samples were not encountered at ETB-21 or ETB-25. Marginal exceedances were noted for 1,4-dioxane in ETB-21 (15-16.5') and benzene in ETB-19 (12-14' and 17-19').

5.3 Discussion of Findings

5.3.1 Courtyard Area Source Evaluation

Review of the current laboratory data suggests that there may be two or more independent source areas that account for groundwater contamination at the Site. As depicted in Figure 2-1, shallow soil contamination detected in the Courtyard Area is not laterally contiguous with that detected in the former Degreasing Area. Additionally, if the source for both areas was the former drum storage area/brick building, shallow soil impacts would not be anticipated at such distances as borings ETB-15 to ETB-25. The shallow soil contamination in the Courtyard Area is likely associated with chemical storage within and adjacent to the brick structure that was recently demolished. This is evidenced by soil data from ETB-22 and visual/olfactory observations from ETB-22 and ETB-26.

The nature and extent of subsurface soil and possibly groundwater contamination in this area appears complex, since soil impacts were not encountered in borings immediately downgradient of the brick structure, but were encountered further downgradient, northeast of MW-6. Additionally, the significant concentrations of TCE and cis-1,2-DCE at ETB-22 (10-10.5') indicate that free-phase product may be present at the top of the till surface in a location presumably upgradient of the suspected source. These discontinuities in contaminant migration may be attributable to one or more of several factors, including, but not limited to:

- a) the removal and subsequent backfill, with more permeable material, of a former 10,000-gallon petroleum UST west of the former brick structure (suspected source) near ETB-22;
- b) the presence of storm sewer piping and more permeable bedding material downgradient of the suspected source;
- c) variability in the shallow water-bearing zone, both in depth/thickness and saturation;
- d) variability in the elevation of the till/alluvium (water-bearing zone) interface, which data supports as the primary CVOC migration pathway;
- e) potential aerial variability of surface water recharge; and/or
- f) improvements and reworked material in the general area (paving, structures, fill, etc.).

5.3.2 Former Degreasing Area Source Evaluation

As depicted in Figure 2-1, it appears that the drain near ETB-14 may be a potential source of shallow soil contamination from the former Degreasing Area, since significantly high shallow CVOC impacts were noted in ETB-15, ETB-18, ETB-19, ETB-21, and ETB-25. When evaluating TCE and cis-1,2-DCE concentrations in shallow soils from the drain in a northeast direction (to ETB-20), it appears that reductive dechlorination or an increase in TCE breakdown products is occurring in a downgradient direction. The data suggests that a source area is in close proximity to ETB-15, since ETB-13 and ETB-14 did not exhibit SCO exceedances and no TCE breakdown products were reported in ETB-15. Additionally, of the soil borings in the slab, the western set of three exhibited much higher detections than the eastern set, further segregating the source from being associated with MW-6 or the storm sewer, due to unimpacted soil in between.

Of the samples collected in the former Degreasing Area, samples from the alluvium in the 5-8 fbg interval exhibited lower TCE concentrations (maximum of 12,000 µg/kg diluted) than surface soils (maximum of 180,000 µg/kg of TCE diluted), while an increase in TCE concentrations were noted at the top of till at ETB-25 (10 fbg). ETB-20 and ETB-21 exhibited thicker fill and alluvium units and a significant increase in CVOC concentrations at 10 to 16.5 fbg at the base of the alluvium.

The data is not clear as to whether two shallow sources (one formerly indoors and one outdoor) are both contributing to the impacts above and below the water table in the former Degreasing Area.

5.3.3 Data Gaps

Based on a review of the data collected to date, there are several areas where additional data may be beneficial to the soil characterization. These are as follows:

- Courtyard Area: Additional sampling in and around the footprint of the former brick structure would benefit the characterization based on the physical evidence of impacts observed during the investigation at ETB-7, ETB-22 and ETB-26.
- Degreasing Area: Additional data is required to define the western, northern, and eastern boundaries of the significant shallow CVOC contamination in soils in this area, as well as impacts at the base of and below the water-bearing zone. The vertical extent of impact was not confirmed at several locations. It would also be beneficial to inspect the slab of the former Degreasing Area for additional potential discharge points (i.e. floor drains, sumps, pits, etc.).
- Hydrogeologic Data: Although the RI/FS provides some calculations for permeability and conductivity at the site as it relates to the fate and transport of contaminants, comprehensive groundwater data specific to the two areas of concern is not available. Additionally, the location of MW-3, downgradient of MW-6, does not represent groundwater conditions downgradient of the former Degreasing Area (historically characterized by RW-2). To fully characterize existing groundwater contamination and evaluate potential remedial alternatives, the following activities would provide fundamental information:
 - Define groundwater flow conditions in the alluvium water-bearing zone (i.e. direction and flow rate in areas of concern);
 - Define nature and extent of groundwater contamination in the alluvium water-bearing zone, particularly west and northwest of the known contaminated historical and existing wells;
 - Evaluate groundwater conditions in shallow bedrock to confirm dense CVOCs have not migrated into the lower water-bearing zone (i.e. verify vertical extent of contamination).

6.0 FINDINGS OF SUB-SLAB VAPOR EVALUATION

This section summarizes the findings of the sub-slab vapor evaluation that was performed in conjunction with the soil investigation scope of work. The sampling locations are depicted on Figure 1-2.

6.1 Analytical Results

Based on the analytical results, which are provided in Table 2, elevated VOC concentrations were encountered in three of the four sub-slab vapor sampling locations. These three sampling points (SS-1, SS-2, and SS-3), were all located in the basement of the Main Building. Analytical data from the Warehouse probe (SS-4) did not identify elevated CVOC concentrations. No indoor air sampling was conducted for this evaluation.

Specifically, of the 60 analyzed compounds, 30 individual chemicals were detected in at least one sample of the three basement borings. Of these 30 compounds, 17 compounds were detected at concentrations greater than $5 \mu\text{g}/\text{m}^3$. Elevated concentrations were reported for TCE (177 to $858 \mu\text{g}/\text{m}^3$) and cis-1,2-DCE (46.8 to $1,068 \mu\text{g}/\text{m}^3$), with low concentrations (5 to $62 \mu\text{g}/\text{m}^3$) noted of TCA, 1,1-DCA, trans-1,2-DCE, PCE, VC, and methylene chloride (MeCl). Several non-chlorinated VOCs were also detected at concentrations ranging from 5 to $68.3 \mu\text{g}/\text{m}^3$ including benzene, toluene, ethylbenzene, m,p-xylene, heptane, hexane, and acetone.

The highest CVOC concentrations were encountered in sample SS-2, which was installed in the vicinity of the former brick structure, then SS-1 (easternmost) and SS-3 (westernmost). Sample SS-4 from the Warehouse slab, exhibited toluene at $49.2 \mu\text{g}/\text{m}^3$, hexane at $15.3 \mu\text{g}/\text{m}^3$, benzene at $6 \mu\text{g}/\text{m}^3$, and acetone at $12.4 \mu\text{g}/\text{m}^3$. All other detections in SS-4 were below $5 \mu\text{g}/\text{m}^3$. A copy of the data summary sheets is included in Appendix E.

6.2 Comparison to Guidance

Results were compared to the NYSDOH Soil Vapor/Indoor Air Matrices in Section 3.4, Decision Matrices, of the NYSDOH's Final Guidance for Evaluation Vapor Intrusion (October 2006). NYSDOH has established "action levels" for four compounds, including PCE, TCE, TCA, and MeCl. Decision Matrix 1 is intended to be used for TCE and Decision Matrix 2 for PCE and TCA.

Based on Decision Matrix 1, the TCE concentrations in samples SS-1 ($252 \mu\text{g}/\text{m}^3$) and SS-2 ($858 \mu\text{g}/\text{m}^3$) indicate that mitigation is the recommended course of action in order to prevent a potential vapor intrusion scenario.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the Subsurface Investigation, as described in this report, Earth Tech offers the following conclusions and recommendations:

7.1 Conclusions

- Analysis of soil samples identified significant CVOC concentrations of primarily TCE and cis-1,2-DCE in shallow (0-3') to deeper (10-16') soils on-site, in excess of their Part 375 SCOs. The data indicates that two or more separate source areas are likely present; both of which appear to be in the footprints of recently demolished structures. The concentrations of TCE in soils below the water-bearing zone indicate that the underlying till has been significantly impacted by the downgradient migration of CVOCs in groundwater and may contain free-phase product.
- The lateral and vertical extent was not fully defined during the investigation, as evidenced by the analytical results. Areas with significant data gaps are depicted generally in Figure 3. Additionally, shallow groundwater quality downgradient of the former Degreasing Area has not been adequately characterized.
- The current groundwater collection and treatment system is located downgradient from the identified zones of contamination; however, data suggests that the contaminant zone is not attenuating under the current remedial system. Without active remediation of the contaminant zone, groundwater controls will likely be necessary at the Site indefinitely.
- Sub-slab vapor analysis in the basement of the Main Building indicates that TCE concentrations in soil are at a concentration high enough to warrant mitigation, per the current NYSDOH Guidance.

7.2 Recommendations

- Since the lateral and vertical extents of soil impact has not been fully characterized, additional investigation is warranted in the areas depicted in Figure 3. Specifically, additional investigation is recommended in the following locations:
 - In the former Degreasing Area, beneath the slab west of ET-15 and ETB-18, to locate the western extent of soil impacts.
 - Fanning outward from ETB-19 to ETB-21, to identify the lateral and vertical extent of impact downgradient of the slab.
 - North of ETB-2 and in the loading dock area to confirm the absence of impacts east of the slab.
 - Shallow groundwater impacts should be evaluated downgradient of the high TCE concentrations detected in the former Degreasing Area.
 - In the Courtyard Area, in the vicinity of ETB-22 and ETB-26 to identify the western edge of impact and the vertical extent of impact.
- No development can proceed in the areas depicted on Figure 3 until further investigation and/or remediation is completed.
- Shallow impacted soils should be remediated via conventional excavation methods. Additionally, based on the information collected to date regarding site conditions, excavation would be considered

the most-effective option to successfully remediate contaminated soils within and below the water table and remove the source of groundwater contamination.

- Three bedrock wells should be installed to examine bedrock water quality and determine whether it has been impacted from vertical migration of CVOCs.
- A sub-slab depressurization system should be installed in the basement of the Main Building based on the analytical results from the vapor intrusion evaluation.

FIGURES

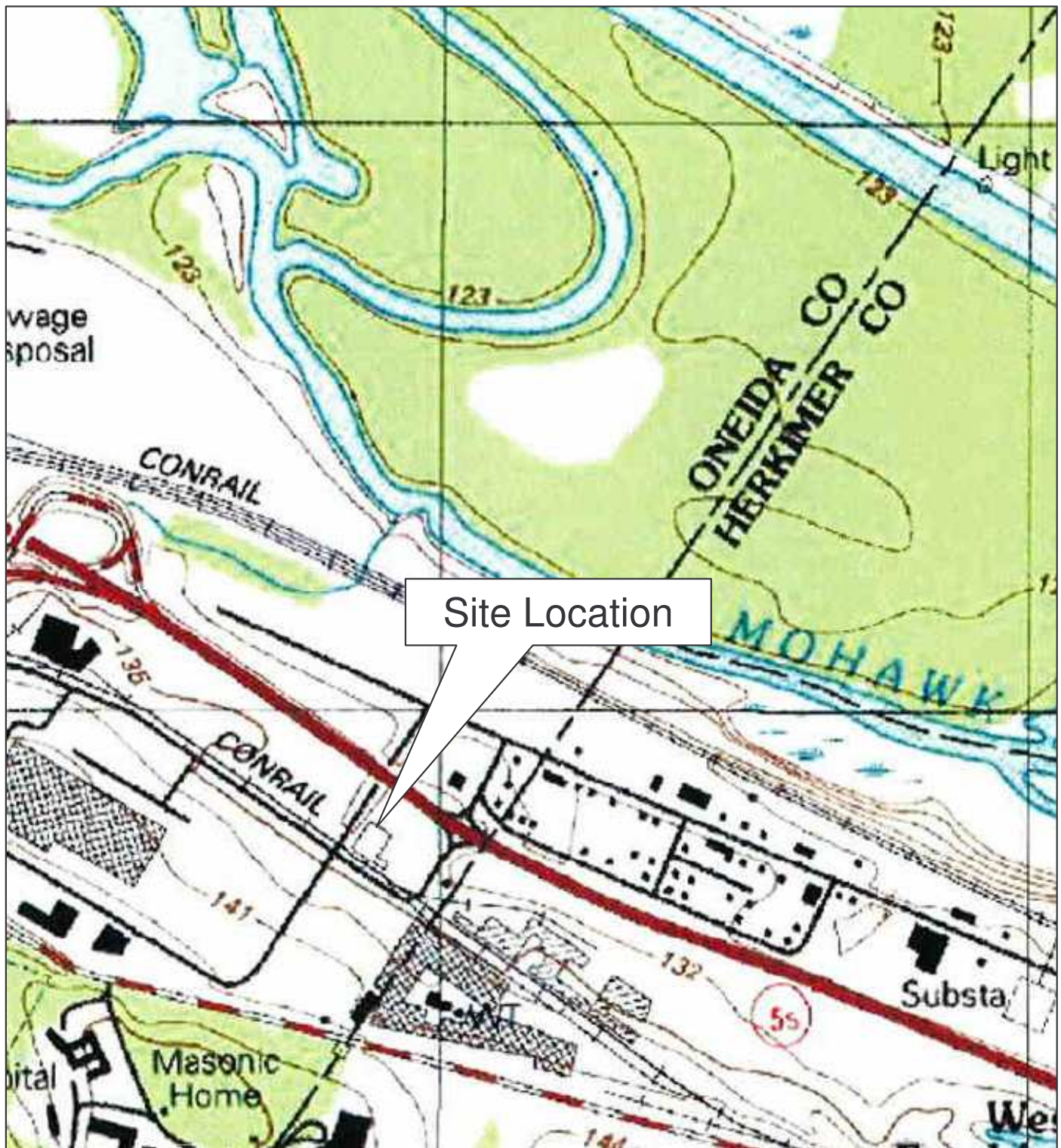


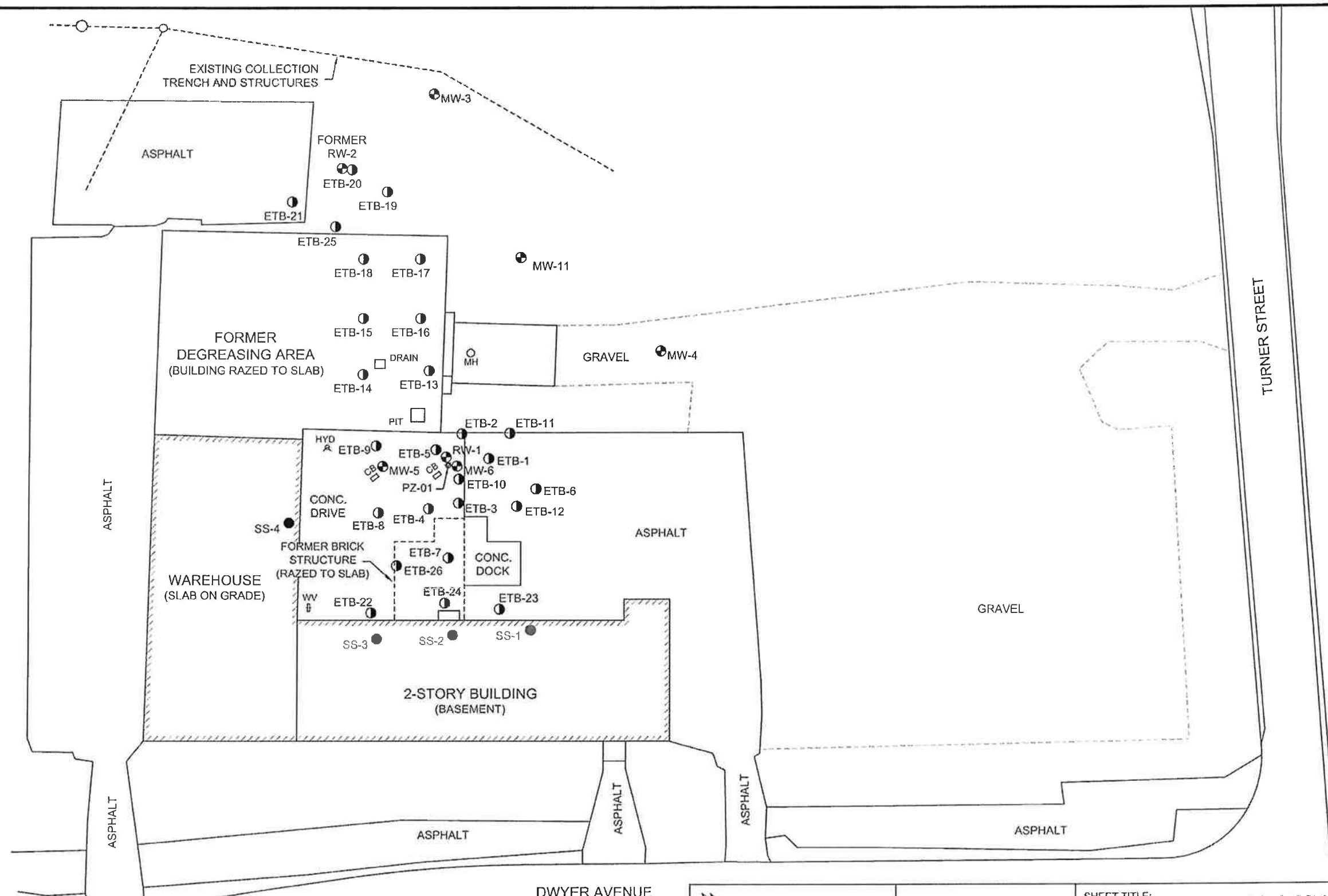
Figure 1-1 – Site Location

Northeast Alloys & Metals
2145 Dwyer Avenue
Utica, New York

ET#95539.056

Source: Microsoft TerraServer





LEGEND

- SS-3 ● SUBSLAB VAPOR POINT
- ETB-4 ● SOIL BORING
- MW-6 ● MONITORING WELL

PLAN

NORTH

Scale in Feet

0 20 40

PROJ. NO: 95539

DATE: 04-03-2008

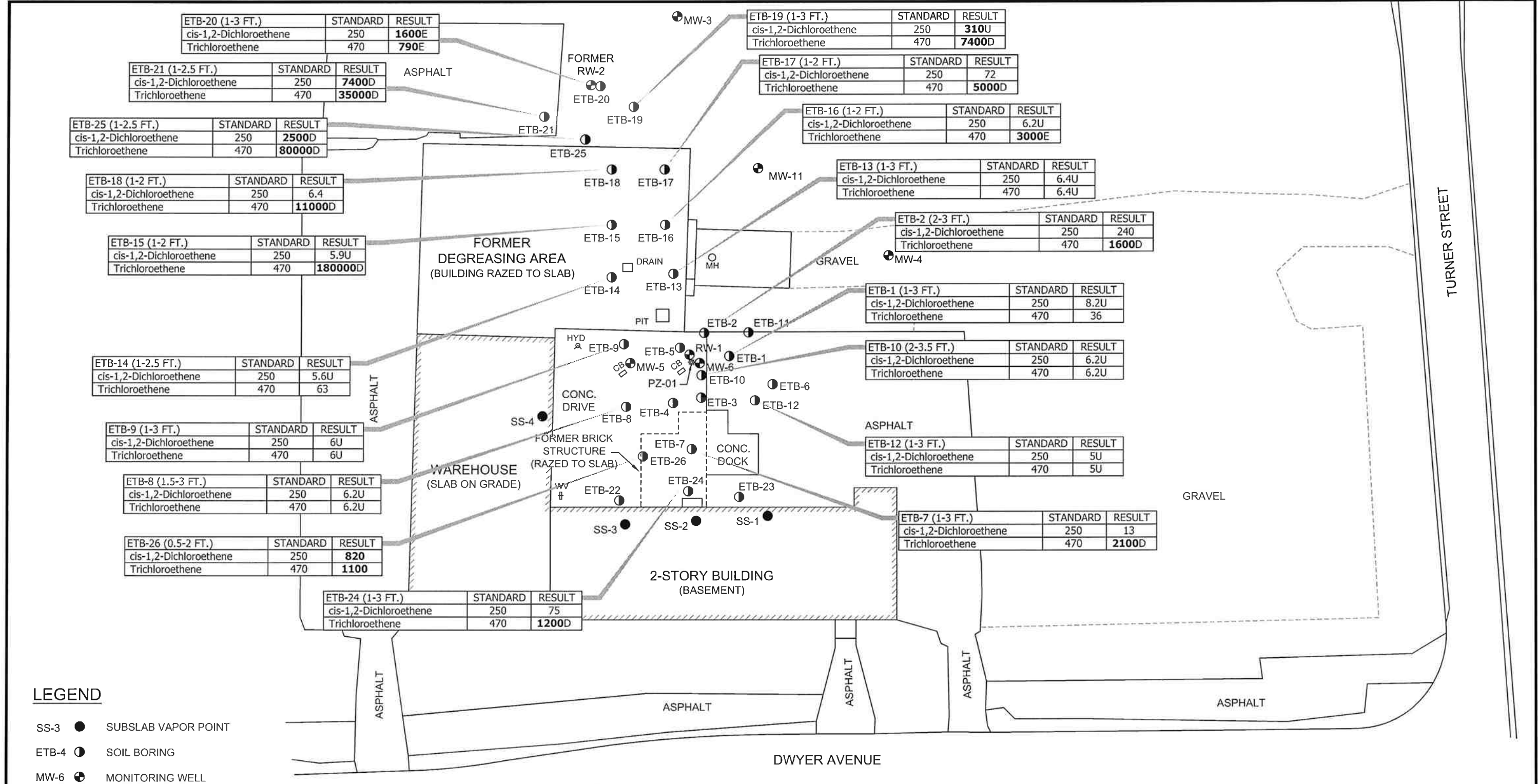
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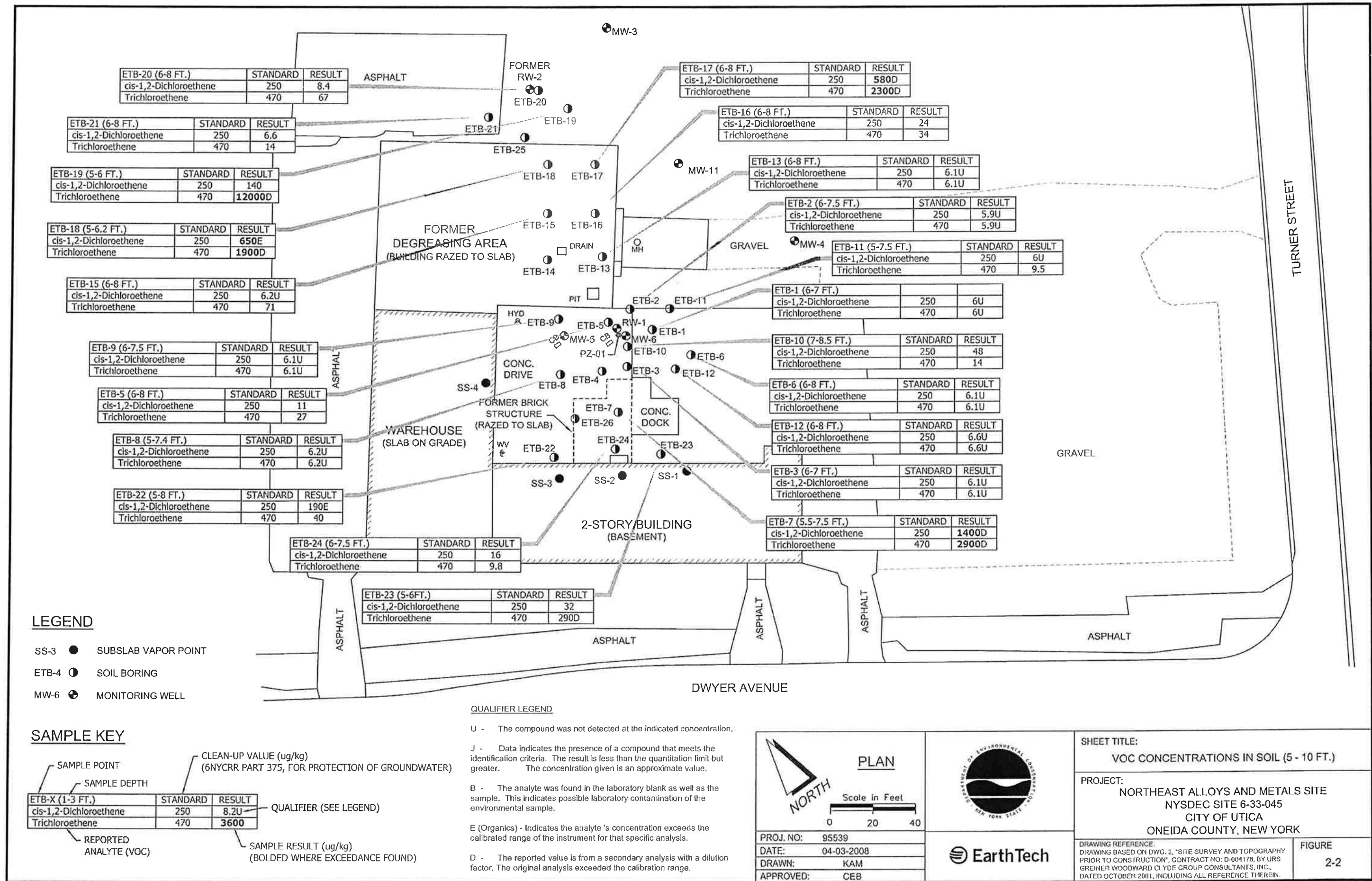
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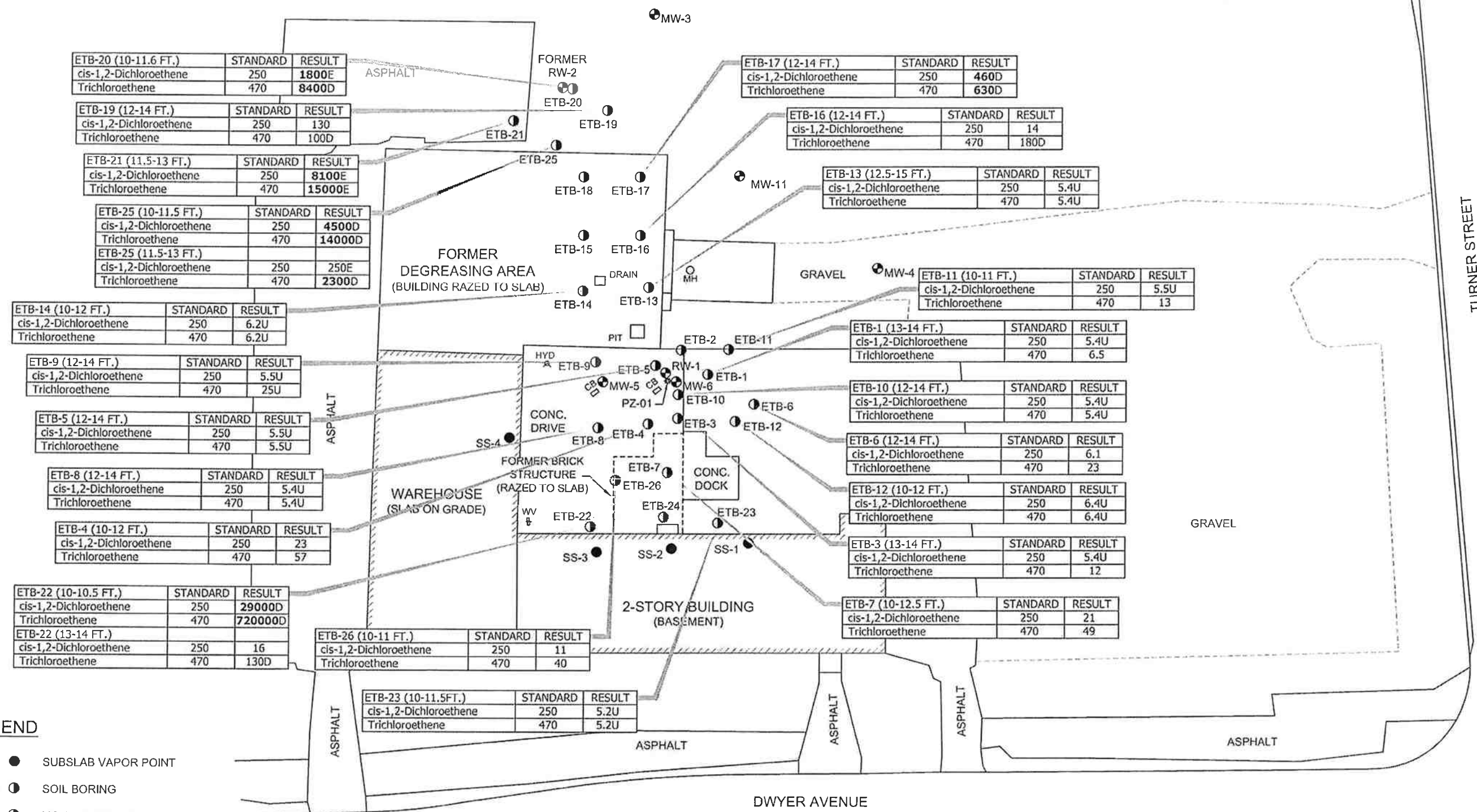


EarthTech

SHEET TITLE: SOIL BORING / SUBSLAB VAPOR LOCATIONS	
PROJECT: NORTHEAST ALLOYS AND METALS SITE NYSDEC SITE 6-33-045 CITY OF UTICA ONEIDA COUNTY, NEW YORK	
DRAWING REFERENCE: DRAWING BASED ON DWG. 3, "PROPOSED SITE CONDITIONS", CONTRACT NO: D-004178, BY URS GREINER WOODWARD CLYDE GROUP CONSULTANTS, INC., DATED OCTOBER 2001, INCLUDING ALL REFERENCE THEREIN.	FIGURE 1-2







LEGEND

- SS-3 ● SUBSLAB VAPOR POINT
- ETB-4 ○ SOIL BORING
- MW-6 ⊕ MONITORING WELL

SAMPLE KEY

CLEAN-UP VALUE (ug/kg)
(6NYCRR PART 375, FOR PROTECTION OF GROUNDWATER)

QUALIFIER (SEE LEGEND)

SAMPLE RESULT (ug/kg)
(BOLDED WHERE EXCEEDANCE FOUND)

SAMPLE POINT	STANDARD	RESULT
ETB-X (1-3 FT.)		
cis-1,2-Dichloroethene	250	8.2U
Trichloroethene	470	3600

REPORTED ANALYTE (VOC)

QUALIFIER LEGEND

- U - The compound was not detected at the indicated concentration.
- J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater. The concentration given is an approximate value.
- B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
- E (Organics) - Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
- D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

PLAN

NORTH

Scale in Feet

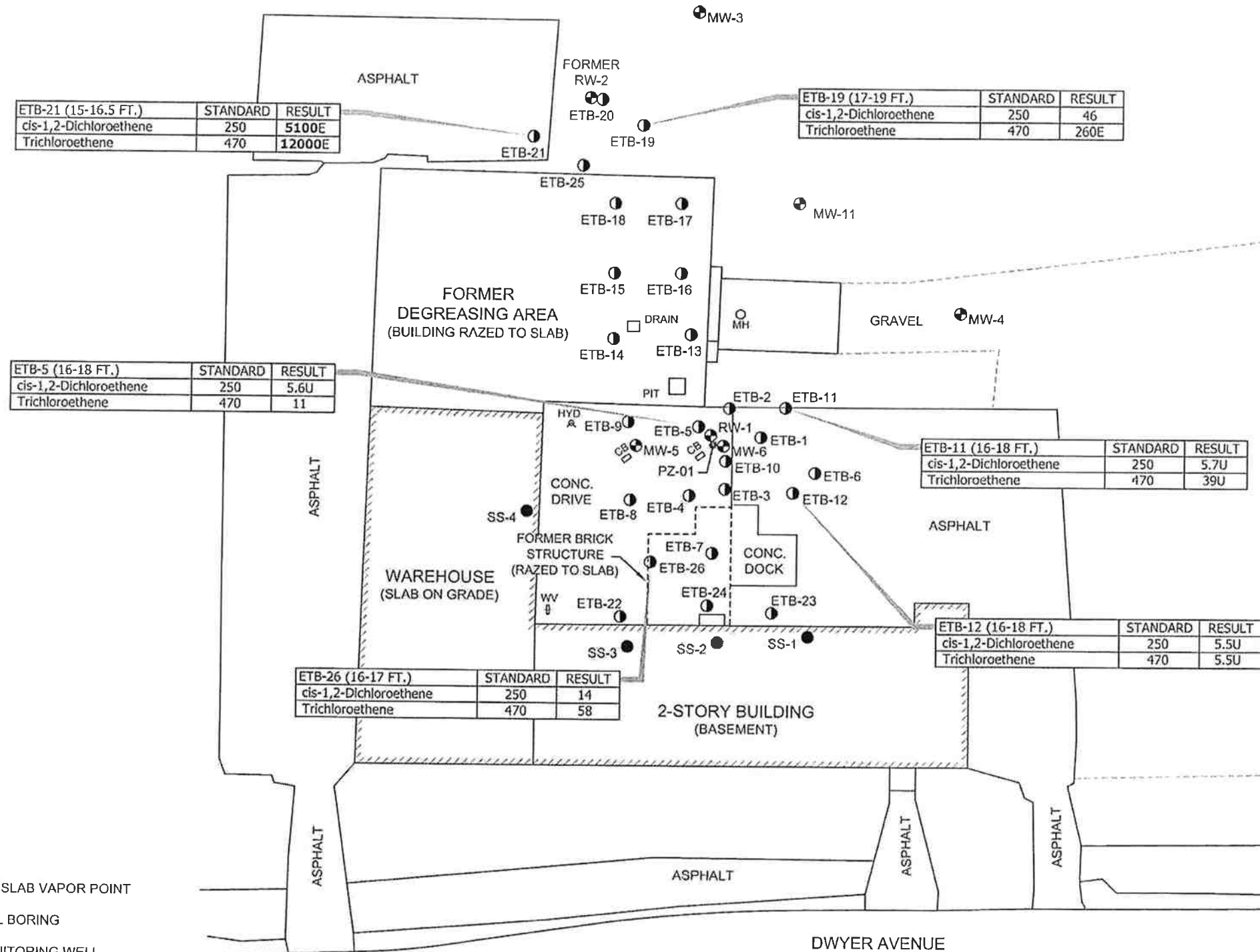
0 20 40

PROJ. NO:	95539
DATE:	04-03-2008
DRAWN:	KAM
APPROVED:	CEB

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW YORK STATE

EarthTech

SHEET TITLE: VOC CONCENTRATIONS IN SOIL (10 - 15 FT.)	
PROJECT: NORTHEAST ALLOYS AND METALS SITE NYSDEC SITE 6-33-045 CITY OF UTICA ONEIDA COUNTY, NEW YORK	
DRAWING REFERENCE: DRAWING BASED ON DWG. 2, "SITE SURVEY AND TOPOGRAPHY PRIOR TO CONSTRUCTION", CONTRACT NO: D-004176, BY URS GREINER WOODWARD CLYDE GROUP CONSULTANTS, INC., DATED OCTOBER 2001, INCLUDING ALL REFERENCE THEREIN.	FIGURE 2-3



LEGEND

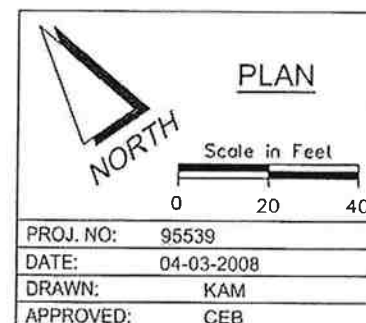
- SS-3 ● SUBSLAB VAPOR POINT
ETB-4 ● SOIL BORING
MW-6 ● MONITORING WELL

SAMPLE KEY

SAMPLE POINT			CLEAN-UP VALUE (ug/kg) (6NYCRR PART 375, FOR PROTECTION OF GROUNDWATER)	
SAMPLE DEPTH				
ETB-X (1-3 FT.)	STANDARD	RESULT	QUALIFIER (SEE LEGEND)	
cis-1,2-Dichloroethene	250	8.2U		
Trichloroethene	470	3600	SAMPLE RESULT (ug/kg) (BOLDED WHERE EXCEEDANCE FOUND)	
REPORTED ANALYTE (VOC)				

QUALIFIER LEGEND

- U - The compound was not detected at the indicated concentration.
- J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater. The concentration given is an approximate value.
- B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
- E (Organics) - Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
- D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.



EarthTech

SHEET TITLE:
VOC CONCENTRATIONS IN SOIL (15 - 20 FT.)

PROJECT:
NORTHEAST ALLOYS AND METALS SITE
NYSDEC SITE 6-33-045
CITY OF UTICA
ONEIDA COUNTY, NEW YORK

DRAWING REFERENCE:
DRAWING BASED ON DWG. 2, "SITE SURVEY AND TOPOGRAPHY
PRIOR TO CONSTRUCTION", CONTRACT NO: D-004176, BY URS
GREINER WOODWARD CLYDE GROUP CONSULTANTS, INC.,
DATED OCTOBER 2001, INCLUDING ALL REFERENCE THEREIN.

FIGURE
2-4

TABLES

Table 1
Summary of Detected Volatile Organic Compounds Concentrations in Soil
Northeast Alloys Metals
Utica, NY
February/March 2008

Sample ID			ETB-1 (1-3)	ETB-1 (6-7)	ETB-1 (13-14) (*)	ETB-2 (2-3)	ETB-2 (6-7.5)	ETB-3 (6-7)	ETB-3 (13-14) (*)	ETB-4 (10-12)	ETB-5 (6-8)
Lab Sample Number		6 NYCRR	Z1750-17	Z1750-03	Z1750-04	Z1750-05	Z1750-19	Z1750-02	Z1750-01	Z1750-15	Z1750-06
Sampling Date		Part 375	2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/28/2008
Matrix		Remedial	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor		Objectives	1	1	1	5	1	1	1	1	1
Units		(Protection of Groundwater)	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
COMPOUND	CAS #										
Dichlorodifluoromethane	75-71-8	NE	8.2 U	6 U	5.4 U	7.3 U	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
Vinyl Chloride	75-01-4	20	8.2 U	6 U	5.4 U	7.3 U	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
Trichlorofluoromethane	75-69-4	NE	8.2 U	6 U	5.4 U	7.3 U	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
1,1-Dichloroethene	75-35-4	330	8.2 U	6 U	5.4 U	7.3 U	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
Acetone	67-64-1	50	64	12 U	11 U	15 U	35	30	11	11 U	11 U
Carbon disulfide	75-15-0	NE	8.2 U	6 U	5.4 U	7.3 U	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
Methyl Acetate	79-20-9	NE	8.2 U	6 U	5.4 U	7.3 U	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
Methylene chloride	75-09-2	50	8.2 U	6 U	8.7	7.3 U	5.9 U	6.1 U	25	5.7 U	5.7 U
trans-1,2-Dichloroethene	156-60-5	190	8.2 U	6 U	5.4 U	7.3 U	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
1,1-Dichloroethane	75-34-3	270	8.2 U	6 U	5.4 U	7.3 U	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
cis-1,2-Dichloroethene	156-59-2	250	8.2 U	6 U	5.4 U	240	5.9 U	6.1 U	5.4 U	23	11
2-Butanone	78-93-3	120	16 U	12 U	11 U	15 U	12 U	12 U	11 U	11 U	11 U
Chloroform	67-66-3	370	8.2 U	6 U	5.4 U	7.3 U	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
1,1,1-Trichloroethane	71-55-6	680	8.2 U	6 U	5.4 U	7.3 U	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
Benzene	71-43-2	60	13	6 U	13	16	5.9 U	6.1 U	110	5.7 U	5.7 U
1,4-Dioxane	123-91-1	100	160 U	120 U	110 U	150 U	120 U	120 U	110 U	110 U	110 U
Trichloroethene	79-01-6	470	27	6 U	6.5	1600 D	5.9 U	6.1 U	16	57	27
Methylcyclohexane	108-87-2	NE	8.2 U	6 U	5.4 U	8.2	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
cis-1,3-Dichloropropene	10061-01-5	NE	8.2 U	6 U	5.4 U	7.3 U	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
4-Methyl-2-pentanone	108-10-1	NE	16 U	12 U	11 U	15 U	12 U	12 U	11 U	11 U	11 U
Toluene	108-88-3	700	8.2 U	6 U	6.8	9.4	5.9 U	6.1 U	33	5.7 U	5.7 U
Tetrachloroethene	127-18-4	1,300	8.2 U	6 U	5.4 U	7.3 U	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
Ethylbenzene	100-41-4	1,000	8.2 U	6 U	5.4 U	9.9	5.9 U	6.1 U	12	5.7 U	5.7 U
o-xylene	95-47-6	1,600	8.2 U	6 U	5.4 U	7.3 U	5.9 U	6.1 U	5.4 U	5.7 U	5.7 U
m&p-xylenes	179601-23-1	1,600	8.7	6 U	5.4 U	12	5.9 U	6.1 U	11	5.7 U	5.7 U
Total Confident Conc.			112.7	0	35	1895.5	35	30	218	80	38
Total TICs											

Qualifiers (Summarized on first page only)

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

E (Organics) - Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NE = None Established

Bolded values signify laboratory detection

Shaded values signify exceedance of Remedial Objective

(*) - both Orig and RE were on Surrogate list so RE hidden

Table 1
Summary of Detected Volatile Organic Compounds Concentrations in Soil
Northeast Alloys Metals
Utica, NY
February/March 2008

Sample ID			ETB-5 (12-14) (*)	ETB-5 (16-18) (*)	ETB-6 (6-8)	DUP-1 [ETB- 6(6-8)]	ETB-6 (12-14) (*)	ETB-7 (1-3)	ETB-7 (5.5-7.5)	ETB-7 (10-12.5) (*)	ETB-8 (1.5-3) (*)
Lab Sample Number		6 NYCRR	Z1750-07	Z1750-09	Z1750-16	Z1750-21	Z1750-11	Z1750-08	Z1750-18	Z1750-20	Z1755-01
Sampling Date		Part 375	2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/29/2008
Matrix		Remedial	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor		Objectives	1	1	1	1	1	5	1	1	1
Units		(Protection of Groundwater)	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
COMPOUND	CAS #										
Dichlorodifluoromethane	75-71-8	NE	5.5 U	5.6 U	6.1 U	6.2 U	5.5 U	5.9 U	6.4 U	240 E	6.2 U
Vinyl Chloride	75-01-4	20	5.5 U	5.6 U	6.1 U	6.2 U	5.5 U	5.9 U	6.4 U	5.3 U	6.2 U
Trichlorofluoromethane	75-69-4	NE	5.5 U	5.6 U	6.1 U	6.2 U	5.5 U	5.9 U	6.4 U	5.3 U	6.2 U
1,1-Dichloroethene	75-35-4	330	5.5 U	5.6 U	6.1 U	6.2 U	5.5 U	5.9 U	6.4 U	5.3 U	6.2 U
Acetone	67-64-1	50	12	23	42	28	26	12 U	20	11 U	100
Carbon disulfide	75-15-0	NE	5.5 U	5.6 U	6.1 U	6.2 U	5.9	5.9 U	6.4 U	5.3 U	6.2 U
Methyl Acetate	79-20-9	NE	5.5 U	5.6 U	6.1 U	6.2 U	5.5 U	5.9 U	6.4 U	5.3 U	6.2 U
Methylene chloride	75-09-2	50	5.5 U	25	6.1 U	6.2 U	63	8.8	6.4 U	110	6.2 U
trans-1,2-Dichloroethene	156-60-5	190	5.5 U	5.6 U	6.1 U	6.2 U	5.5 U	5.9 U	6.4 U	5.3 U	6.2 U
1,1-Dichloroethane	75-34-3	270	5.5 U	5.6 U	6.1 U	6.2 U	5.5 U	5.9 U	6.8	5.3 U	6.2 U
cis-1,2-Dichloroethene	156-59-2	250	5.5 U	5.6 U	6.1 U	6.2 U	6.1	13	1400 D	21	6.2 U
2-Butanone	78-93-3	120	11 U	11 U	12 U	12 U	11 U	12 U	13 U	11 U	20
Chloroform	67-66-3	370	5.5 U	5.6 U	6.1 U	6.2 U	5.5 U	5.9 U	6.4 U	5.3 U	6.2 U
1,1,1-Trichloroethane	71-55-6	680	5.5 U	5.6 U	6.1 U	6.2 U	5.5 U	18	6.4 U	5.3 U	6.2 U
Benzene	71-43-2	60	9	89	6.1 U	6.2 U	130	14	6.4 U	180	6.2 U
1,4-Dioxane	123-91-1	100	110 U	110 U	120 U	120 U	110 U	120 U	130 U	110 U	120 U
Trichloroethene	79-01-6	470	5.5 U	11	6.1 U	6.2 U	23	2100 D	2900 D	49	6.2 U
Methylcyclohexane	108-87-2	NE	5.5 U	5.6 U	6.1 U	6.2 U	5.5 U	7.5	9.2	6.2	6.2 U
cis-1,3-Dichloropropene	10061-01-5	NE	5.5 U	5.6 U	6.1 U	6.2 U	5.5 U	5.9 U	6.4 U	5.3 U	6.2 U
4-Methyl-2-pentanone	108-10-1	NE	11 U	11 U	12 U	12 U	11 U	12 U	13 U	11 U	12 U
Toluene	108-88-3	700	5.5 U	23	6.1 U	6.2 U	16	12	6.4 U	27	6.2 U
Tetrachloroethene	127-18-4	1,300	5.5 U	5.6 U	6.1 U	6.2 U	5.5 U	5.9 U	6.4 U	5.3 U	6.2 U
Ethylbenzene	100-41-4	1,000	5.5 U	11	6.1 U	6.2 U	5.5 U	13	6.4 U	9.8	6.4 U
o-xylene	95-47-6	1,600	5.5 U	5.6 U	6.1 U	6.2 U	5.5 U	9.1	6.4 U	5.3 U	6.2 U
m&p-xylenes	179601-23-1	1,600	5.5 U	14	6.1 U	6.2 U	5.6	19	6.4 U	7.7	7.3
Total Confident Conc.			21	196	42	28	275.6	2214.4	4336	644.5	120
Total TICs											

Qualifiers (Summarized on first page only)

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

E (Organics) - Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NE = None Established

Bolded values signify laboratory detection

Shaded values signify exceedance of Remedial Objective

(*) - both Orig and RE were on Surrogate list so RE hidden

Table 1
Summary of Detected Volatile Organic Compounds Concentrations in Soil
Northeast Alloys Metals
Utica, NY
February/March 2008

Sample ID			ETB-8 (5-7.4)	ETB-8 (12-14)	ETB-9 (1-3)	ETB-9 (6-7.5)	ETB-9 (12-14)	ETB-10 (2-3.5)	ETB-10 (7-8.5) (*)	ETB-10 (12-14) (*)	ETB-11 (5-7.5)
Lab Sample Number		6 NYCRR	Z1755-02	Z1755-03	Z1755-05	Z1755-06	Z1755-07	Z1755-11	Z1755-12	Z1755-13	Z1755-15
Sampling Date		Part 375	2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008
Matrix		Remedial	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor		Objectives	1	1	1	1	5	1	1	1	1
Units		(Protection of Groundwater)	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
COMPOUND	CAS #										
Dichlorodifluoromethane	75-71-8	NE	6.4 U	400 D	6 U	6.1 U	4400 D	6.2 U	5.7 U	5.4 U	6 U
Vinyl Chloride	75-01-4	20	6.4 U	5.4 U	6 U	6.1 U	5.5 U	6.2 U	5.7 U	5.4 U	6 U
Trichlorofluoromethane	75-69-4	NE	6.4 U	5.4 U	6 U	6.1 U	10 U	6.2 U	5.7 U	5.4 U	6 U
1,1-Dichloroethene	75-35-4	330	6.4 U	5.4 U	6 U	6.1 U	5.5 U	6.2 U	5.7 U	5.4 U	6 U
Acetone	67-64-1	50	18	17 U	12 U	17	26	38	13	16	25
Carbon disulfide	75-15-0	NE	6.4 U	5.4 U	6 U	6.1 U	5.9 U	6.2 U	5.7 U	5.4 U	6 U
Methyl Acetate	79-20-9	NE	6.4 U	5.4 U	6 U	6.2 U	5.5 U	6.2 U	5.7 U	5.4 U	6 U
Methylene chloride	75-09-2	50	6.4 U	6.3 U	6 U	6.1 U	18 U	6.2 U	5.7 U	8.1	6 U
trans-1,2-Dichloroethene	156-60-5	190	6.4 U	5.4 U	6 U	6.1 U	5.5 U	6.2 U	5.7 U	5.4 U	6 U
1,1-Dichloroethane	75-34-3	270	6.4 U	5.4 U	6 U	6.1 U	5.5 U	6.2 U	10	5.4 U	6 U
cis-1,2-Dichloroethene	156-59-2	250	6.4 U	5.4 U	6 U	6.1 U	5.5 U	6.2 U	48	5.4 U	6 U
2-Butanone	78-93-3	120	13 U	11 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Chloroform	67-66-3	370	6.4 U	5.4 U	6 U	6.2 U	5.5 U	6.2 U	5.7 U	5.4 U	6 U
1,1,1-Trichloroethane	71-55-6	680	6.4 U	5.4 U	6 U	6.1 U	5.5 U	6.2 U	5.7 U	5.4 U	6 U
Benzene	71-43-2	60	6.4 U	23	6 U	6.1 U	1500 D	6.9	5.7 U	54	6 U
1,4-Dioxane	123-91-1	100	130 U	110 U	120 U	120 U	110 U	120 U	110 U	110 U	120 U
Trichloroethene	79-01-6	470	6.4 U	5.4 U	6 U	6.1 U	25 U	6.2 U	14	5.4 U	9.5
Methylcyclohexane	108-87-2	NE	6.4 U	5.4 U	6 U	6.1 U	5.5 U	6.2 U	5.7 U	5.4 U	6 U
cis-1,3-Dichloropropene	10061-01-5	NE	6.4 U	5.4 U	6 U	6.1 U	5.5 U	6.2 U	5.7 U	5.4 U	6 U
4-Methyl-2-pentanone	108-10-1	NE	13 U	11 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Toluene	108-88-3	700	6.4 U	7.1 U	6 U	6.1 U	68 U	8.6	5.7 U	22	6 U
Tetrachloroethene	127-18-4	1,300	6.4 U	5.4 U	6 U	6.1 U	5.5 U	6.2 U	5.7 U	5.4 U	6 U
Ethylbenzene	100-41-4	1,000	6.4 U	5.4 U	6 U	6.1 U	18 U	14	7.3 U	11	6 U
o-xylene	95-47-6	1,600	6.4 U	5.4 U	6 U	6.1 U	8.8 U	8.5 U	5.7 U	6 U	6 U
m&p-xylenes	179601-23-1	1,600	6.4 U	5.4 U	6 U	6.1 U	16 U	19	7.3 U	12	6 U
Total Confident Conc.			18	423	0	17	5926	86.5	85	123.1	34.5
Total TICs											

Qualifiers (Summarized on first page only)

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B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

E (Organics) - Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NE = None Established

Bolded values signify laboratory detection

Shaded values signify exceedance of Remedial Objective

(*) - both Orig and RE were on Surrogate list so RE hidden

Table 1
Summary of Detected Volatile Organic Compounds Concentrations in Soil
Northeast Alloys Metals
Utica, NY
February/March 2008

Sample ID			DUP-2 [ETB-11(5-7.5)]	ETB-11 (10-11) (*)	ETB-11 (16-18)	ETB-12 (1-3)	ETB-12 (6-8)	ETB-12 (10-12) (*)	ETB-12 (16-18) (*)	ETB-13 (1-3) (*)	ETB-13 (6-8)
Lab Sample Number		6 NYCRR	Z1755-20	Z1755-16	Z1755-18	Z1758-01	Z1758-02	Z1758-03	Z1758-04	Z1758-07	Z1758-08
Sampling Date		Part 375	2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008
Matrix		Remedial	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor		Objectives	1	1	5	1	1	1	1	1	1
Units		(Protection of Groundwater)	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
COMPOUND	CAS #										
Dichlorodifluoromethane	75-71-8	NE	6.3 U	5.5 U	160 U	5 U	6.6 U	6.4 U	210 E	6.4 U	6.1 U
Vinyl Chloride	75-01-4	20	6.3 U	5.5 U	5.7 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
Trichlorofluoromethane	75-69-4	NE	6.3 U	5.5 U	5.7 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
1,1-Dichloroethene	75-35-4	330	6.3 U	5.5 U	5.7 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
Acetone	67-64-1	50	20	18	24	30	30	70	18	13 U	28
Carbon disulfide	75-15-0	NE	6.3 U	5.5 U	5.7 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
Methyl Acetate	79-20-9	NE	6.3 U	5.5 U	5.7 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
Methylene chloride	75-09-2	50	6.3 U	5.5 U	18 U	5 U	6.6 U	6.4 U	9.3	6.4 U	6.1 U
trans-1,2-Dichloroethene	156-60-5	190	6.3 U	5.5 U	5.7 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
1,1-Dichloroethane	75-34-3	270	6.3 U	5.5 U	5.7 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
cis-1,2-Dichloroethene	156-59-2	250	6.3 U	5.5 U	5.7 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
2-Butanone	78-93-3	120	13 U	11 U	11 U	10 U	13 U	21	11 U	13 U	12 U
Chloroform	67-66-3	370	6.3 U	5.5 U	5.7 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
1,1,1-Trichloroethane	71-55-6	680	6.3 U	5.5 U	5.7 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
Benzene	71-43-2	60	6.3 U	67	870 D	5 U	6.6 U	17	130 E	9.4	6.1 U
1,4-Dioxane	123-91-1	100	130 U	110 U	110 U	100 U	130 U	130 U	110 U	130 U	120 U
Trichloroethene	79-01-6	470	6.3 U	13	39 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
Methylcyclohexane	108-87-2	NE	6.3 U	5.5 U	5.7 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
cis-1,3-Dichloropropene	10061-01-5	NE	6.3 U	5.5 U	5.7 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
4-Methyl-2-pentanone	108-10-1	NE	13 U	11 U	11 U	10 U	13 U	13 U	11 U	13 U	12 U
Toluene	108-88-3	700	6.3 U	19	40	5 U	6.6 U	11	21	6.4 U	6.1 U
Tetrachloroethene	127-18-4	1,300	6.3 U	5.5 U	5.7 U	5 U	6.6 U	6.4 U	5.5 U	6.4 U	6.1 U
Ethylbenzene	100-41-4	1,000	6.3 U	8	14 U	5 U	6.6 U	15	7.6	13	6.1 U
o-xylene	95-47-6	1,600	6.3 U	5.5 U	6.1 U	5 U	6.6 J	9.8	5.5 U	12	6.1 U
m&p-xylenes	179601-23-1	1,600	6.3 U	8.6	9.3 U	5 U	6.6 U	21	7.7	19	7
Total Confident Conc.			20	133.6	1094	30	36.6	164.8	403.6	53.4	35
Total TICs									30		

Qualifiers (Summarized on first page only)

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B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

E (Organics) - Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

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NE = None Established

Bolded values signify laboratory detection

Shaded values signify exceedance of Remedial Objective

(*) - both Orig and RE were on Surrogate list so RE hidden

Table 1
Summary of Detected Volatile Organic Compounds Concentrations in Soil
Northeast Alloys Metals
Utica, NY
February/March 2008

Sample ID			ETB-13 (12.5-15)	ETB-14 (1.0-2.5) (*)	ETB-14 (10-12)	ETB-15 (1-2)	ETB-15 (6-8)	DUP-3 [ETB- 15(6-8)]	ETB-16 (1-2)	ETB-16 (6-8) (*)	ETB-16 (12-14)
Lab Sample Number		6 NYCRR	Z1758-09	Z1758-10	Z1758-11	Z1795-22	Z1795-23	Z1795-18	Z1795-19	Z1795-20	Z1795-21
Sampling Date		Part 375	2/29/2008	2/29/2008	2/29/2008	3/3/2008	3/3/2008	3/3/2008	3/3/2008	3/3/2008	3/3/2008
Matrix		Remedial	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor		Objectives	5	1	1	100	1	10	5	1	5
Units		(Protection of Groundwater)	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
COMPOUND	CAS #										
Dichlorodifluoromethane	75-71-8	NE	5.4 U	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	1600 E
Vinyl Chloride	75-01-4	20	5.4 U	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	5.4 U
Trichlorofluoromethane	75-69-4	NE	5.4 U	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	9.4
1,1-Dichloroethene	75-35-4	330	5.4 U	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	5.4 U
Acetone	67-64-1	50	11 U	11 U	12 U	12 U	13	20	12 U	14	29
Carbon disulfide	75-15-0	NE	5.4 U	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	7.1
Methyl Acetate	79-20-9	NE	5.4 U	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	5.4 U
Methylene chloride	75-09-2	50	12	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	63
trans-1,2-Dichloroethene	156-60-5	190	5.4 U	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	5.4 U
1,1-Dichloroethane	75-34-3	270	5.4 U	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	5.4 U
cis-1,2-Dichloroethene	156-59-2	250	5.4 U	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	24	14
2-Butanone	78-93-3	120	11 U	11 U	12 U	12 U	12 U	12 U	12 U	12 U	11 U
Chloroform	67-66-3	370	5.4 U	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	5.4 U
1,1,1-Trichloroethane	71-55-6	680	5.4 U	5.6 U	6.2 U	840 D	6.2 U	6 U	32	6.2 U	8.9
Benzene	71-43-2	60	390 D	8.3	6.2 U	13	6.2 U	6 U	11	6.2 U	160
1,4-Dioxane	123-91-1	100	110 U	110 U	120 U	120 U	120 U	120 U	120 U	120 U	110 U
Trichloroethene	79-01-6	470	5.4 U	63	6.2 U	180000 D	71	1400 D	3000 D	34	180 D
Methylcyclohexane	108-87-2	NE	5.4 U	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	5.4 U
cis-1,3-Dichloropropene	10061-01-5	NE	5.4 U	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	5.4 U
4-Methyl-2-pentanone	108-10-1	NE	11 U	11 U	12 U	12 U	12 U	12 U	12 U	12 U	11 U
Toluene	108-88-3	700	53	6.6	6.2 U	9	6.2 U	6 U	8.9	6.2 U	18
Tetrachloroethene	127-18-4	1,300	5.4 U	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	5.4 U
Ethylbenzene	100-41-4	1,000	22	8.8	6.2 U	6.3	6.2 U	6 U	9.4	6.2 U	5.4 U
o-xylene	95-47-6	1,600	13	5.6 U	6.2 U	5.9 U	6.2 U	6 U	6.2 U	6.2 U	5.4 U
m&p-xylenes	179601-23-1	1,600	27	11	6.2 U	6.8	6.2 U	6 U	11	8.9	5.4 U
Total Confident Conc.			517	97.7	0	180875.1	84	1420	3072.3	80.9	2089.4
Total TICs			26	7.3							

Qualifiers (Summarized on first page only)

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Bolded values signify laboratory detection

Shaded values signify exceedance of Remedial Objective

(*) - both Orig and RE were on Surrogate list so RE hidden

Table 1
Summary of Detected Volatile Organic Compounds Concentrations in Soil
Northeast Alloys Metals
Utica, NY
February/March 2008

Sample ID			ETB-17 (1-2)	ETB-17 (6-8)	ETB-17 (12-14)	ETB-18 (1-2)	ETB-18 (5-6.2)	ETB-19 (1-3)	ETB-19 (5-6)	ETB-19 (12-14)	ETB-19 (17-19)	ETB-20 (1-3)
Lab Sample Number		6 NYCRR	Z1795-15	Z1795-16	Z1795-17	Z1795-12	Z1795-13	Z2067-01	Z1795-09	Z1795-10	Z1795-11	Z1795-05
Sampling Date		Part 375	3/3/2008	3/3/2008	3/3/2008	3/3/2008	3/3/2008	3/21/2008	3/3/2008	3/3/2008	3/3/2008	3/3/2008
Matrix		Remedial	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor		Objectives	1	1	5	1	1	1	1	5	1	1
Units		(Protection of Groundwater)	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
COMPOUND	CAS #											
Dichlorodifluoromethane	75-71-8	NE	6 U	5.7 U	2500 E	5.9 U	7.4 U	5.6 U	5.7 U	1500 D	330 D	6 U
Vinyl Chloride	75-01-4	20	6 U	5.7 U	5.3 U	5.9 U	7.4 U	5.6 U	5.7 U	5.3 U	5.4 U	6 U
Trichlorofluoromethane	75-69-4	NE	6 U	5.7 U	12	5.9 U	7.4 U	5.6 U	5.7 U	10	7.5	6 U
1,1-Dichloroethene	75-35-4	330	6 U	5.7 U	5.3 U	5.9 U	7.4 U	5.6 U	5.7 U	5.3 U	5.4 U	6 U
Acetone	67-64-1	50	12 U	13	70	12 U	65	11 U	11 U	32	16	12 U
Carbon disulfide	75-15-0	NE	6 U	5.7 U	12	5.9 U	7.4 U	5.6 U	5.7 U	8.8	9.1	6 U
Methyl Acetate	79-20-9	NE	6 U	5.7 U	5.3 U	5.9 U	7.4 U	5.6 U	5.7 U	5.3 U	5.4 U	6 U
Methylene chloride	75-09-2	50	6 U	5.7 U	1000 D	5.9 U	7.4 U	5.6 U	5.8	50	30	10
trans-1,2-Dichloroethene	156-60-5	190	6 U	5.7 U	5.3 U	5.9 U	14	15	5.7 U	5.3 U	5.4 U	90
1,1-Dichloroethane	75-34-3	270	6 U	5.7 U	5.3 U	5.9 U	7.4 U	5.6 U	5.7 U	5.3 U	5.4 U	6 U
cis-1,2-Dichloroethene	156-59-2	250	72	580 D	410 D	6.4	650 E	400 E	140	130	46	1600 E
2-Butanone	78-93-3	120	12 U	11 U	11 U	12 U	15 U	11 U	11 U	11 U	11 U	12 U
Chloroform	67-66-3	370	6 U	5.7 U	5.3 U	5.9 U	7.4 U	5.6 U	5.7 U	5.3 U	5.4 U	6 U
1,1,1-Trichloroethane	71-55-6	680	19	6	7.2	5.9 U	12	5.6 U	43	5.3 U	5.4 U	6 U
Benzene	71-43-2	60	20	7.4	420 D	15	15	20	19	260 D	220 E	15
1,4-Dioxane	123-91-1	100	120 U	110 U	110 U	120 U	150 U	110 U	110 U	110 U	110 U	120 U
Trichloroethene	79-01-6	470	5000 D	2300 D	630 D	11000 D	1900 D	7400 D	12000 D	100 D	260 E	790 E
Methylcyclohexane	108-87-2	NE	6 U	5.7 U	5.3 U	5.9 U	7.4 U	5.6 U	5.7 U	5.3 U	5.4 U	6 U
cis-1,3-Dichloropropene	10061-01-5	NE	6 U	5.7 U	5.3 U	5.9 U	7.4 U	5.6 U	5.7 U	5.3 U	5.4 U	6 U
4-Methyl-2-pentanone	108-10-1	NE	12 U	11 U	11 U	12 U	15 U	11 U	11 U	11 U	11 U	12 U
Toluene	108-88-3	700	22	6.9	8	12	16	16	14	24	35	9.8
Tetrachloroethene	127-18-4	1,300	6 U	5.7 U	5.3 U	9.6	7.4 U	5.6 U	5.7 U	5.3 U	5.4 U	6 U
Ethylbenzene	100-41-4	1,000	18	5.7 U	5.3 U	10	19	19	9	5.3 U	8.7	8.1
o-xylene	95-47-6	1,600	9.5	5.7 U	5.3 U	5.9 U	10	9.5	5.7 U	5.5	5.4 U	6 U
m&p-xylenes	179601-23-1	1,600	23	6.8	5.3 U	12	24	18	11	5.3 U	5.6	10
Total Confident Conc.			5183.5	2920.1	5069.2	11065	2725	7897.5	12241.8	2120.3	967.9	2532.9
Total TICs												

Qualifiers (Summarized on first page only)

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Table 1
Summary of Detected Volatile Organic Compounds Concentrations in Soil
Northeast Alloys Metals
Utica, NY
February/March 2008

Sample ID			ETB-20 (6-8) (*)	ETB-20 (10-11.6)	ETB-21 (1-2.5)	ETB-21 (6-8)	ETB-21 (11.5-13)	ETB-21 (15-16.5)	ETB-22 (5-8)	ETB-22 (10-10.5)	ETB-22 (13-14)	ETB-23 (5-6)
Lab Sample Number		6 NYCRR	Z1795-06	Z1795-07	Z2067-01	Z1795-02	Z1795-03	Z1795-04	Z1845-15	Z1845-16	Z1845-17	Z1845-13
Sampling Date		Part 375	3/3/2008	3/3/2008	3/21/2008	3/3/2008	3/3/2008	3/3/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008
Matrix		Remedial	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor		Objectives	1	1	1	1	1	1	1	100	1	1
Units		(Protection of Groundwater)	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
COMPOUND	CAS #											
Dichlorodifluoromethane	75-71-8	NE	6.7 U	6.6 U	5.7 U	5.9 U	5.4 U	5.4 U	5.9 U	5.3 U	200 D	99 D
Vinyl Chloride	75-01-4	20	6.7 U	110	5.7 U	5.9 U	60	57	5.9 U	5.3 U	5.4 U	6.2 U
Trichlorofluoromethane	75-69-4	NE	6.7 U	6.6 U	5.7 U	5.9 U	5.4 U	5.4 U	5.9 U	5.3 U	5.4 U	6.2 U
1,1-Dichloroethene	75-35-4	330	6.7 U	6.6 U	5.7 U	5.9 U	50	58	5.9 U	5.3 U	5.4 U	6.2 U
Acetone	67-64-1	50	25	13 U	11 U	28	22	11 U	12 U	11 U	21	12 U
Carbon disulfide	75-15-0	NE	18	6.6 U	5.7 U	5.9 U	9.3	5.4 U	5.9 U	5.3 U	5.4 U	6.2 U
Methyl Acetate	79-20-9	NE	6.7 U	6.6 U	5.7 U	5.9 U	5.4 U	5.4 U	5.9 U	5.3 U	5.4 U	6.2 U
Methylene chloride	75-09-2	50	6.7 U	7.9	5.7 U	5.9 U	7.6	5.4 U	5.9 U	5.3 U	21	20
trans-1,2-Dichloroethene	156-60-5	190	6.7 U	91	5.7 U	5.9 U	63	20	5.9 U	5.6	5.4 U	6.2 U
1,1-Dichloroethane	75-34-3	270	6.7 U	9.5	5.7 U	5.9 U	7.8	13	5.9 U	5.3 U	5.4 U	6.2 U
cis-1,2-Dichloroethene	156-59-2	250	8.4	1800 E	20	6.6	8100 E	5100 E	190	29000 D	16	32
2-Butanone	78-93-3	120	13 U	13 U	11 U	12 U	11 U	11 U	12 U	11 U	11 U	12 U
Chloroform	67-66-3	370	6.7 U	6.6 U	5.7 U	5.9 U	5.4 U	5.4 U	5.9 U	5.3 U	5.4 U	6.2 U
1,1,1-Trichloroethane	71-55-6	680	6.7 U	6.6 U	9.7	5.9 U	5.4 U	5.4 U	5.9 U	5.3 U	5.4 U	6.2 U
Benzene	71-43-2	60	13	9.7	13	5.9 U	13	20	5.9 U	18	69	64
1,4-Dioxane	123-91-1	100	130 U	130 U	110 U	120 U	110 U	190	120 U	110 U	110 U	120 U
Trichloroethene	79-01-6	470	67	8400 D	35000 D	14	15000 E	12000 E	40	720000 D	130 D	290 D
Methylcyclohexane	108-87-2	NE	6.7 U	6.6 U	5.7 U	5.9 U	5.4 U	5.4 U	5.9 U	5.3 U	5.4 U	6.2 U
cis-1,3-Dichloropropene	10061-01-5	NE	6.7 U	6.6 U	5.7 U	5.9 U	5.4 U	5.4 U	5.9 U	5.3 U	5.4 U	6.2 U
4-Methyl-2-pentanone	108-10-1	NE	13 U	13 U	11 U	12 U	11 U	11 U	12 U	11 U	11 U	12 U
Toluene	108-88-3	700	8.4	6.7	29	5.9 U	12	7.2	5.9 U	8.6	14	18
Tetrachloroethene	127-18-4	1,300	6.7 U	6.6 U	5.7 U	5.9 U	19	5.4 U	5.9 U	5.3 U	5.4 U	6.2 U
Ethylbenzene	100-41-4	1,000	8.1	6.8	57	5.9 U	5.4 U	5.4 U	5.9 U	5.3 U	5.4 U	9.7
o-xylene	95-47-6	1,600	6.7 U	6.6 U	32	5.9 U	5.4 U	5.4 U	5.9 U	5.3 U	5.4 U	6.2 U
m&p-xylenes	179601-23-1	1,600	7.6	7.8	67	5.9 U	5.4 U	5.4 U	5.9 U	5.3 U	5.4 U	7.3
Total Confident Conc.			155.5	10449.4	35227.7	48.6	23363.7	17465.2	230	749032.2	471	540
Total TICs												

Qualifiers (Summarized on first page only)

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

E (Organics) - Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NE = None Established

Bolded values signify laboratory detection

Shaded values signify exceedance of Remedial Objective

(*) - both Orig and RE were on Surrogate list so RE hidden

Table 1
Summary of Detected Volatile Organic Compounds Concentrations in Soil
Northeast Alloys Metals
Utica, NY
February/March 2008

Sample ID			ETB-23 (10-11.5)	ETB-24 (1-3)	ETB-24 (6-7.5)	DUP-4 [ETB- 24(6-7.4)]	ETB-25 (1-2.5)	ETB-25 (10-11.5)	ETB-25 (11.5-13)	ETB-26 (0.5-2)	ETB-26 (10-11) (*)	ETB-26 (16-17)
Lab Sample Number		6 NYCRR	Z1845-14	Z1845-11	Z1845-12	Z1845-18	Z1845-06	Z1845-09	Z1845-10	Z1845-01	Z1845-02	Z1845-05
Sampling Date		Part 375	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008
Matrix		Remedial	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor		Objectives	1	1	1	1	100	100	1	5	1	1
Units		(Protection of Groundwater)	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
COMPOUND	CAS #											
Dichlorodifluoromethane	75-71-8	NE	5.2 U	5.6 U	5.9 U	5.8 U	5.8 U	5.6 U	650 E	150 U	5.6 U	420 D
Vinyl Chloride	75-01-4	20	5.2 U	5.6 U	5.9 U	5.8 U	5.8 U	5.6 U	5.4 U	150 U	5.6 U	5.4 U
Trichlorofluoromethane	75-69-4	NE	5.2 U	5.6 U	5.9 U	5.8 U	5.8 U	5.6 U	6	150 U	5.6 U	6.8
1,1-Dichloroethene	75-35-4	330	5.2 U	5.6 U	5.9 U	5.8 U	5.8 U	5.6 U	5.4 U	150 U	5.6 U	5.4 U
Acetone	67-64-1	50	10 U	11 U	12 U	12 U	12 U	11 U	24	310 U	11 U	28
Carbon disulfide	75-15-0	NE	5.2 U	5.6 U	5.9 U	5.8 U	5.8 U	5.6 U	12	150 U	5.6 U	7.5
Methyl Acetate	79-20-9	NE	5.2 U	5.6 U	5.9 U	5.8 U	5.8 U	5.6 U	5.4 U	150 U	5.6 U	8
Methylene chloride	75-09-2	50	5.2 U	11	5.9 U	5.8 U	5.8 U	5.6 U	31	150 U	5.9	32
trans-1,2-Dichloroethene	156-60-5	190	5.2 U	5.6 U	5.9 U	5.8 U	7.7	5.6 U	5.4 U	150 U	5.6 U	5.4 U
1,1-Dichloroethane	75-34-3	270	5.2 U	5.6 U	5.9 U	5.8 U	5.8 U	12	5.4 U	150 U	5.6 U	5.4 U
cis-1,2-Dichloroethene	156-59-2	250	5.2 U	75	16	14	2500 D	4500 D	250 E	810	11	14
2-Butanone	78-93-3	120	10 U	11 U	12 U	12 U	12 U	11 U	11 U	310 U	11 U	11 U
Chloroform	67-66-3	370	5.2 U	7	5.9 U	5.8 U	5.8 U	5.6 U	5.4 U	150 U	5.6 U	5.4 U
1,1,1-Trichloroethane	71-55-6	680	5.2 U	15	5.9 U	5.8 U	51	5.6 U	5.8	150 U	5.6 U	5.4 U
Benzene	71-43-2	60	5.2 U	31	5.9 U	5.8 U	5.8	5.6 U	58	150 U	13	72
1,4-Dioxane	123-91-1	100	100 U	110 U	120 U	120 U	120 U	110 U	110 U	3100 U	110 U	110 U
Trichloroethene	79-01-6	470	5.2 U	1200 D	9.8	5.8 U	80000 D	14000 D	2300 D	1100	40	58
Methylcyclohexane	108-87-2	NE	5.2 U	5.6 U	5.9 U	5.8 U	5.8 U	5.6 U	5.4 U	150 U	5.6 U	5.4 U
cis-1,3-Dichloropropene	10061-01-5	NE	5.2 U	5.6 U	5.9 U	5.8 U	5.8 U	5.6 U	5.4 U	150 U	5.6 U	5.4 U
4-Methyl-2-pentanone	108-10-1	NE	10 U	11 U	12 U	12 U	12 U	11 U	11 U	310 U	11 U	11 U
Toluene	108-88-3	700	5.2 U	25	5.9 U	5.8 U	5.8 U	5.6 U	7.1	150 U	9.9	6.6
Tetrachloroethene	127-18-4	1,300	5.2 U	5.6 U	5.9 U	5.8 U	18	5.6 U	5.4 U	150 U	5.6 U	5.4 U
Ethylbenzene	100-41-4	1,000	5.2 U	25	5.9 U	5.8 U	5.8 U	5.6 U	5.4 U	150 U	10	5.4 U
o-xylene	95-47-6	1,600	5.2 U	14	5.9 U	5.8 U	5.8 U	5.6 U	5.4 U	150 U	6	5.4 U
m&p-xylenes	179601-23-1	1,600	5.2 U	27	5.9 U	5.8 U	5.8 U	5.6 U	5.4 U	150 U	11	5.4 U
Total Confident Conc.			0	1430	25.8	14	82582.5	18512	3343.9	1910	106.8	652.9
Total TICs												

Qualifiers (Summarized on first page only)

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

E (Organics) - Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NE = None Established

Bolded values signify laboratory detection

Shaded values signify exceedance of Remedial Objective

(*) - both Orig and RE were on Surrogate list so RE hidden

Table 2
Summary of Detected Volatile Organic Compounds in Sub-Slab Vapor
Northeast Alloys Metals
Utica, NY
March 2008

Sample ID			SS-1		SS-DUP [SS-1]		SS-2		SS-3		SS-4	
Lab Sample Number			Z1583-03		Z1583-05		Z1583-04		Z1583-01		Z1583-02	
Sampling Date			3/4/2008		3/4/2008		3/4/2008		3/4/2008		3/4/2008	
Matrix			AIR		AIR		AIR		AIR		AIR	
Dilution Factor			10		10		20		10		1	
Units			ug/M3		ug/M3		ug/M3		ug/M3		ug/M3	
COMPOUND	CAS #	Action Level per DOH VI Guidance										
Dichlorodifluoromethane	75-71-8	NE	0.84	U	0.84	U	0.84	U	0.84	U	2.47	
Chloromethane	74-87-3	NE	0.52	U	0.52	U	0.52	U	0.52	U	1.24	
Vinyl Chloride	75-01-4	NE	0.61	U	0.61	U	10.22	J	0.61	U	0.06	U
Trichlorofluoromethane	75-69-4	NE	1.57	U	1.57	U	1.57	U	1.57	U	1.69	J
Heptane	142-82-5	NE	0.98	U	0.98	U	10.25	J	6.56	J	5.74	
1,1-Dichloroethene	75-35-4	NE	0.99	U	0.99	U	8.72	J	0.99	U	0.1	U
Acetone	67-64-1	NE	12.11	B	11.4	JB	14.25	B	26.13	B	12.35	B
Carbon Disulfide	75-15-0	NE	0.47	U	0.47	U	0.47	U	0.47	U	1.25	J
Methylene Chloride	75-09-2	NE	4.52	J	5.21	J	23.28		4.52	J	1.39	J
trans-1,2-Dichloroethene	156-60-5	NE	1.23	U	1.23	U	9.12	J	1.23	U	0.12	U
1,1-Dichloroethane	75-34-3	NE	5.26	J	6.07	J	7.29	J	0.97	U	0.1	U
Cyclohexane	110-82-7	NE	0.41	U	0.41	U	0.41	U	0.41	U	2.07	
2-Butanone	78-93-3	NE	2.95	U	2.95	U	4.13	J	2.95	U	1.18	J
Carbon Tetrachloride	56-23-5	NE	1.07	U	1.07	U	1.07	U	1.07	U	0.57	
cis-1,2-Dichloroethene	156-59-2	NE	214.1		226		1070.5	D	47.58		0.14	U
1,1,1-Trichloroethane	71-55-6	1000	21.28	J	22.37	J	6	J	1.2	U	0.12	U
2,2,4-Trimethylpentane	540-84-1	NE	1.17	U	1.17	U	1.17	U	1.17	U	3.27	
Benzene	71-43-2	NE	1.41	U	3.51	J	18.53		3.19	J	6.07	
Trichloroethene	79-01-6	250	257.96		284.83		644.91		177.35		1.24	
4-Methyl-2-Pentanone	108-10-1	NE	2.05	U	2.05	U	2.05	U	2.05	U	0.82	J
Toluene	108-88-3	NE	3.77	J	1.81	U	22.23		4.15	J	48.99	
Tetrachloroethene	127-18-4	1000	3.25	U	3.25	U	11.5	J	3.25	U	1.36	J
Ethyl Benzene	100-41-4	NE	0.78	U	0.78	U	5.21	J	10.42	J	3.04	
m/p-Xylene	126777-61-2	NE	1.87	U	1.87	U	6.08	J	1.87	U	3.91	
o-Xylene	95-47-6	NE	1.04	U	1.04	U	1.04	U	1.04	U	1.3	J
Styrene	100-42-5	NE	2.64	U	2.64	U	7.24	J	11.07	J	0.85	J
1,3,5-Trimethylbenzene	108-67-8	NE	1.72	U	1.72	U	1.72	U	1.72	U	0.98	J
1,2,4-Trimethylbenzene	95-63-6	NE	1.18	U	1.18	U	1.18	U	1.18	U	2.46	J
4-Ethyltoluene	622-96-8	NE	1.28	U	1.28	U	1.28	U	1.28	U	0.49	J
Hexane	110-54-3	NE	0.92	U	0.92	U	0.92	U	0.92	U	15.51	
Total Confident Conc.			519		555.88		1879.46		283.63		120.24	

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

APPENDIX A

2007 GROUNDWATER MONITORING REPORT

**Groundwater Sampling Report
August 2007**

**Northeast Alloys and Metals, Inc. Site
Site 6-33-045**

**Work Assignment No.
D004445-12**

Prepared for:



**SUPERFUND STANDBY PROGRAM
New York State
Department of Environmental Conservation
625 Broadway
Albany, New York 12233**

Prepared by:

**Earth Tech Northeast, Inc.
40 British American Boulevard
Latham, New York**

November 1, 2007

Mr. George Momberger
NYSDEC Division of Environmental Remediation
Remedial Bureau E, 12th Floor
625 Broadway
Albany, New York 12233-7017

Re: Northeast Alloys and Metals – Site #6-33-045
Groundwater Sampling Report – August 2007

Dear Mr. Momberger:

This report describes a groundwater sampling event conducted at the Northeast Alloys and Metals Site in Utica, NY, under New York State Department of Environmental Conservation (NYSDEC) Work Assignment # D004445-12. Two sampling events were conducted at the site in 2005 under the former Work Assignment. Once again, sampling was conducted by Earth Tech's subcontractor, GeoLogic NY, Inc (GeoLogic), Homer, New York, in accordance with GeoLogic's Health and Safety Plan. Groundwater samples were submitted to Chemtech, Inc. under routine chain-of-custody protocol.

This report presents the field observation logs, chain-of-custody records and analytical summary table for the groundwater sampling event that took place on August 2nd 2007. Ten wells were sampled during the event. MW-1 was inadvertently not sampled by the field technician. Table 1 summarizes the analytical data for groundwater samples collected during the current and earlier sampling events. Only detected compounds are presented. A map is attached showing the location of the site monitoring wells. Attachment 1 presents GeoLogic's field observation logs and the chain-of-custody records. The laboratory data sheets for the VOC analyses are not included as they had been forwarded to the NYSDEC at a prior date.

A comparison of the August 2007 analytical data with earlier results indicates little to no change in the concentrations of VOCs in most of the monitoring wells at the site. One notable change is the decrease of contaminant levels in MW-6 in the 2007 sampling event as compared to the October 2005 event, however, the results are still above the New York State Ambient Water Quality Standards (AWQS) for many compounds in this well. Slight decreases in VOC concentrations were noted in MW-5 between sampling events.

Please feel free to contact me at (518) 951-2353 if you have any questions or comments regarding this report.

Sincerely,
Earth Tech Northeast





A **tyco** International Ltd. Company

Lori A. Hoose
Project Geologist

Attachments

Cc: Carl Hoffman
Stephen Choiniere
Stefan Goreau

Table 1
Groundwater Analytical Results
Northeast Alloys and Metals, Inc. Site
Utica, New York
Volatile Organic Compounds
Date Sampled: August 2, 2007

[illegible]

Table 1
Groundwater Analytical Results
Northeast Alloys and Metals, Inc. Site
Utica, New York
Volatile Organic Compounds
Date Sampled: August 2, 2007

AWQS+GV*	Analyte	Chloroethane		Vinyl Chloride		Acetone		tert-Butyl Alcohol		Diethyl Ether		1,1-Dichloroethane		1,2-Dichloroethane		trans-1,2-Dichloroethane		cis-1,2-dichloroethane		60 (GV)		Carbon disulfide		1,1,1-Trichloroethane		Trichloroethane		1,1,2-Trichloroethane		Carbon Tetrachloride		Methylene Chloride		Benzene		Toluene	
		5	2	50 (GV)	NA	NA	19	U	0.3J	U	0.6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
MW-9	May-05	U	10	U	U	U	U	0.3J	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
	Oct-05	U	15	U	U	U	U	0.3J	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
	Aug-07	U	8.5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
MW-10	May-05	U	U	U	U	U	NA	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
	Oct-05	U	U	U	U	U	NA	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
	Aug-07	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
MW-11	May-05	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
	Oct-05	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
	Aug-07	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
MW-12	May-05	U	1	U	16	4.1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
	Oct-05	U	0.5J	U	U	5.6	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5JB	1.0	U	U		
	Aug-07	U	0.3 J	5.7	U	5.2	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.3 J	1.0	U	U		

All data presented in micrograms per Liter (ug/L).

All Volatile Organic Analyses were conducted by US EPA Method 624 or 524.2.

^ - Duplicate sample

* New York State Ambient Water Quality Standards (TOGs 1.1.1) GV - guidance value.

U - Compound not detected at or above the instrument detection limit (IDL).

J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).

B - Analyte found in associated method blank.

D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.

NA indicates 1) no standard or guidance value exists for the compound, or 2) sample was not analyzed for indicated compound.

BOLD font in shaded cell indicates exceedances of AWQS+GV.

All data presented in micrograms per Liter (ug/L).

All Volatile Organic Analyses were conducted by US EPA Method 624 or 524.2.

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NA indicates 1) no standard or guidance value exists for the compound, or 2) sample was not analyzed for indicated compound.

BOLD font in shaded cell indicates exceedances of AWQS-GV.

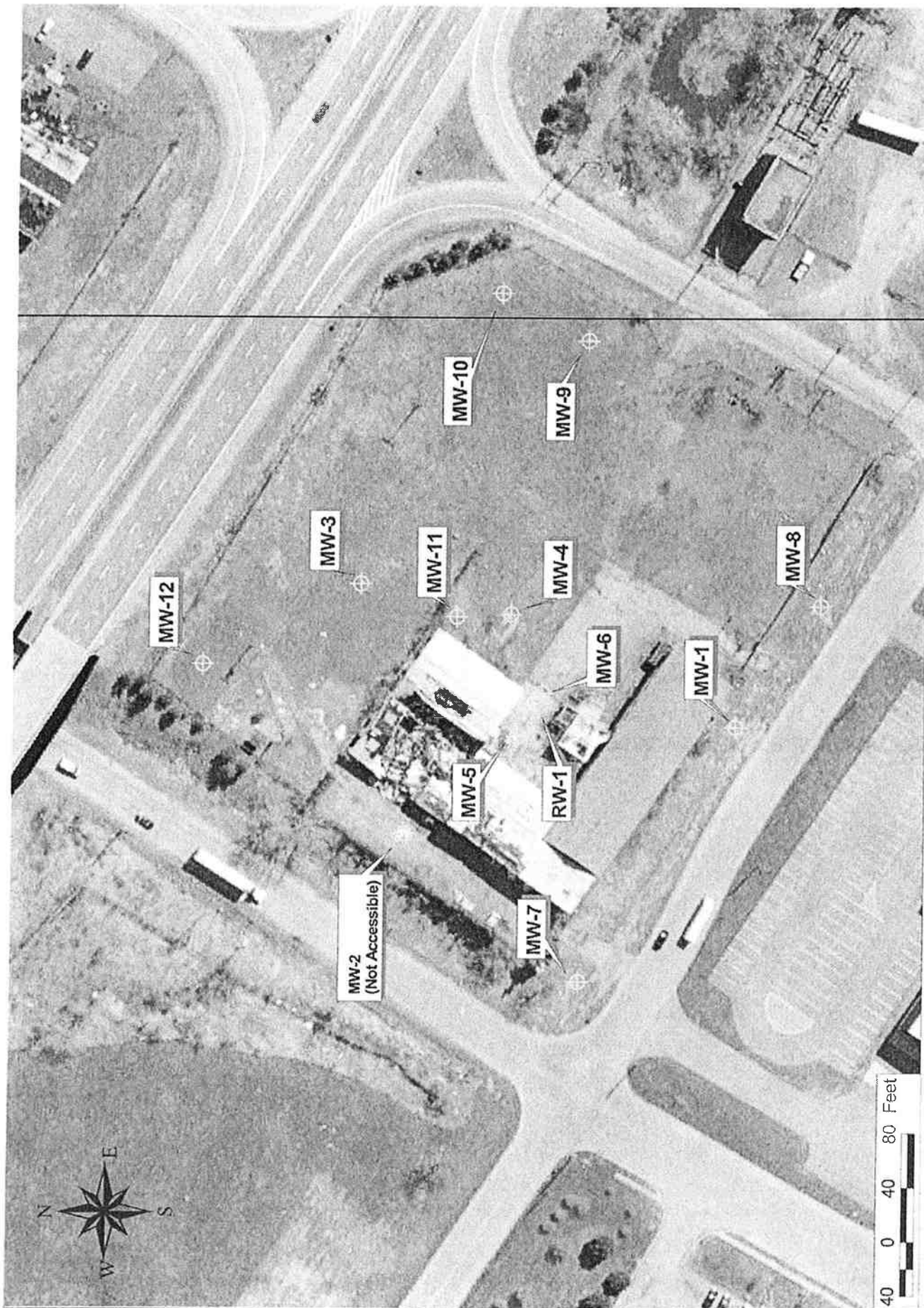


Figure 2
Locations of Monitoring Wells
Northeast Alloys and Metals, Inc. Site No. 633045

Attachment 1

FIELD OBSERVATION LOG - GROUNDWATER SAMPLING RECORD

SITE NAME: Northeast Alloys & Metals

DATE: 8/2/07 SAMPLER(S): J. SANDBERG

SITE NUMBER: 633046

ADDRESS: WILKINSON, NY

Weather: Sunny, HOT!
95°F

Time of Arrival: 10:15 AM Time of Departure: 3:00 PM

	MW-01	MW-2	MW-3	MW-4	Comments
Well Depth MEASURED	13		18	17	
Well Diameter	2"		2"	2"	
Well Construction PVC Stain Steel	PVC		PVC	PVC	
Well Condition Good, Fair, Poor	FAIR		POOR	POOR	
Depth to Water	8.69'		11.87	6.68	
Volume to Purge	2.1		3 gal.	5 gal.	
Volume Purged	~3.5 gal.		3 gal.	~8 gal.	
Sampling Depth to Water	~12'		~15'	~14'	
Color	cloudy		cloudy	cloudy	
Odor	—		sewage	—	
Temperature	60.9		57.6°F	57.5°F	
Conductivity	7.97 mS		928 µS	668 µS	
pH	7.0		6.7	6.9	
Turbidity	70.89 NTU		181.5 NTU	139.8 NTU	
Date & Time	8-2-07 2:40 PM		8-2-07 11:15 AM	8-2-07 12:45 PM	
Purging Method: Submersible or Peristaltic Pump	sub. pump		sub. pump	sub. pump	
GPS					
Photo's Taken					

FIELD OBSERVATION LOG - GROUNDWATER SAMPLING RECORD

SITE NAME: Northeast Alloys & Metals

DATE: 8/2/07 SAMPLER(S): J. SANDBERG

SITE NUMBER: 633046

ADDRESS: LITTLE ROCK, AR

Weather: Sunny 95°F

Time of Arrival: 10:15 AM

Time of Departure: 3:00 PM

	MW-5	MW-6	MW-7	MW-8	Comments
Well Depth MEASURED	19	23.5	(Samplers MW-01)	14	
Well Diameter	2"	2"		2"	
Well Construction PVC Stain Steel	PVC	PVC		PVC	
Well Condition Good, Fair, Poor	FAIR	FAIR		FAIR	
Depth to Water	3.55'	4.04'		8.94'	
Volume to Purge	7.4	9.35 gal		2.5 gal	
Volume Purged	~10 gal	~10 gal		~3.5 gal	
Sampling Depth to Water	~15'	~15'		~12'	
Color	cloudy	cloudy		cloudy	
Odor	—	—		—	
Temperature	56.1°F	60.0°F		57.5°F	
Conductivity	1575 µS	737 µS		738 µS	
pH	6.9	7.0		7.0	
Turbidity	142.5 NTU	195.5 NTU		11.59 NTU	
Date & Time	8-2-07 1:20 PM	8-2-07 1:45 PM		8-2-07 2:15 PM	
Purging Method: Submersible or Peristaltic Pump	sub pump	sub pump		sub pump	
GPS					
Photo's Taken					

(MS/MSD). Dup.

FIELD OBSERVATION LOG - GROUNDWATER SAMPLING RECORD

SITE NAME: Northeast Alloys & Metals

DATE: 8/2/07 SAMPLER(S): J. SANDBERG

SITE NUMBER: 633046

ADDRESS: UTICA, NY

Weather: SUNNY 95°F

Time of Arrival: 10:15 AM Time of Departure: 3:00 PM

	MW-9	MW-10	MW-11	MW-12	Comments
Well Depth	16	18	20	20	
MEASURED					
Well Diameter	2"	2"	2"	2"	
Well Construction	PVC	PVC	PVC	PVC	
PVC Stain Steel					
Well Condition	FAIR	GOOD	GOOD	FAIR	
Good, Fair, Poor					
Depth to Water	9.63	7.76	12.42	14.25	
Volume to Purge	3.0 gal	5 gal	3.6 gal	2.80 gal	
Volume Purged	5 gal	10 gal	~4.0 gal	~4.0 gal	
Sampling Depth to Water	~18'	~15'	~18'	~18'	
Color	rusty cloudy	clear	cloudy	clear	
Odor	---	acidic	---	none	
Temperature	56.2°F	57.0°F	58.2°F	56.4°F	
Conductivity	7.68 mS	1493 µS	862 µS	1130 µS	
pH	7.0	7.2	6.8	7.4	
Turbidity	416.12 NTU	10.83 NTU	376.8 NTU	100.2 NTU	
Date & Time	8-2-07 11:55 AM	8-2-07 11:40 AM	8-2-07 12:30 PM	8-2-07 10:40 AM	
Purging Method:	sub.	sub.	sub.	sub.	
Submersible or Peristaltic Pump	pump	pump	pump	pump	
GPS					
Photo's Taken					

CLIENT INFORMATION				CLIENT PROJECT INFORMATION				CLIENT BILLING INFORMATION								
COMPANY: EarthTech				PROJECT NAME: NEARLEAST Aloys & M...				PO#:								
ADDRESS: 40 British American Bldg				PROJECT NO.: 633046				LOCATION: UTICA, NY								
CITY: LATHAM				PROJECT MANAGER:				ADDRESS:								
ATTENTION: LEI HOOSE				e-mail:				CITY:								
PHONE: 518-951-2300				PHONE:				STATE:								
FAX: 518-951-2300				FAX:				ZIP:								
DATA TURNAROUND INFORMATION				DATA DELIVERABLE INFORMATION				ANALYSIS								
FAX: _____ HARD COPY: _____ EDD: _____ * TO BE APPROVED BY CHEMTECH STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS				☐ RESULTS ONLY ☐ RESULTS + QC ☐ New Jersey REDUCED ☐ New Jersey CLP ☐ EDD FORMAT				☐ USEPA CLP ☐ New York State ASP "B" ☐ New York State ASP "A" ☐ Other								
CHEMTECH SAMPLE ID	PROJECT IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES									COMMENTS
1. MW-3	MW-3	W	X	8-20-07	2:40 PM	3	1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl B-HNO ₃ C-H ₂ SO ₄ D-NaOH E-ICE F-Other CHANGE MADE 8-3-07 9:10 AM (JDS)
2. MW-4	MW-4				11:15 AM	3										
3. MW-5	MW-5				12:45 PM	3										
4. MW-6	MW-6				1:20 PM	3										
5. MW-8	MW-8				1:45 PM	3										
6. MW-9	MW-9				2:15 PM	3										
7. MW-10	MW-10				11:55 AM	3										
8. MW-11	MW-11				11:40 AM	3										
9. MW-12	MW-12				12:30 PM	3										
10. MW-17	MW-17				10:40 AM	3										
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																
RELINQUISHED BY SAMPLER:		DATE/TIME:		RECEIVED BY:		DATE/TIME:		RECEIVED BY:		DATE/TIME:		RECEIVED BY:		DATE/TIME:		
1. JDS		8-2-07		1. JDS		8-2-07		2. JDS		8-3-07		3. JDS		8-3-07		
2. JDS				2. JDS				3. JDS				4. JDS				
3. JDS				3. JDS				4. JDS				5. JDS				
Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant MeOH extraction requires an additional 4 oz jar for percent solid. Comments:																
Cooler Temp. 5°C Ice in Cooler?: (X)																
SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT Shipment Complete: ☒ YES ☐ NO																

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

CHEMTECH PROJECT NO.

13851

COC Number

066361

CLIENT INFORMATION		CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION	
COMPANY: <u>Chemtech</u>		PROJECT NAME: _____		BILL TO: _____	
ADDRESS: <u>40 Baitsh American Blvd</u>		PROJECT NO.: _____		ADDRESS: _____	
CITY: <u>Carham</u>		LOCATION: _____		CITY: _____	
ATTENTION: <u>Lonnie Kooze</u>		PROJECT MANAGER: _____		STATE: _____	
PHONE: <u>518-951-2300</u>		e-mail: _____		ZIP: _____	
FAX: _____		PHONE: _____		ATTENTION: _____	
FAX: _____		FAX: _____		PHONE: _____	
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		ANALYSIS	
FAX: _____		RESULTS ONLY ☐ USEPA CLP		1 2 3 4 5 6 7 8 9	
HARD COPY: _____		RESULTS + QC ☐ New York State ASP "B"			
EDD: _____		New Jersey REDUCED ☐ New York State ASP "A"			
* TO BE APPROVED BY CHEMTECH		New Jersey CLP ☐ Other _____			
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		EDD FORMAT _____			
PROJECT IDENTIFICATION		SAMPLE COLLECTION		PRESERVATIVES	
CHEMTECH SAMPLE ID	SAMPLE MATRIX	DATE	TIME	COMMENTS	
1. MW-5 MS	W	8-2-07	1:20 PM	A	
2. MW-5 MSD	L	1:20 PM	3	1 2 3 4 5 6 7 8 9	
3. MW-6 DUP	L	1:45 PM	3		
4. TRIP BLANKS	L	7-18-07	1:30 PM		
5.					
6.					
7.					
8.					
9.					
10.					
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY				SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT ☐ OVERNIGHT ☐ NO	
RELINQUISHED BY: <u>John Doherty</u>	DATE/TIME: <u>8-2-07</u>	RECEIVED BY: 1. _____	DATE/TIME: _____	Cooler Temp. _____	
RELINQUISHED BY: _____	DATE/TIME: _____	RECEIVED BY: 2. _____	DATE/TIME: _____	Ice in Cooler?: <u>Yes</u>	
RELINQUISHED BY: <u>WPS</u>	DATE/TIME: <u>8/3/07</u>	RECEIVED BY: 3. <u>Carham AP</u>	DATE/TIME: _____	Shipment Complete: ☒ YES ☐ NO	

APPENDIX B

SOIL BORING LOGS

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300			BOREHOLE LOG BORING ID #: ETB-1 START DATE: 2/28/08 END DATE: 2/28/08				
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:			PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Teens to Low 20s, Cloudy, Snow ELEVATION AND DATUM:				
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				Geoprobe
							ID/OD		2.25"				
							GEOLOGIC DESCRIPTION						LITHOLOGY/ SOIL TYPE
0.0	ETB-1(1-3')	3.0'	0.0 (SS) 0.0 (SS) 0.0 (HS)	None	SOM 01.2 VOCs	None	0-2.7' bk to dk gr Fill Material consisting of S a G, s ash, s slag 2.7-3' dk br Cy\$				dry/soft moist/soft	Moist @ interface between fill and Cy\$	
5.0	ETB-1(6-7')	3.2'	0.0 (SS) 0.0 (SS) 174 (HS) 0.0 (SS) 0.0 (SS)	None	SOM 01.2 VOCs	None	5-6' Same as above 6-6.8' br \$yC clay content increasing 6.8-7.5' rd br \$yC 7.5-8.2' rd br \$yC, s mc G				moist/ soft moist/soft moist/firm moist/firm		
10.0	ETB-1(13-14')	5.0'	0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (SS)	None	SOM 01.2 VOCs	None	10-11.2' RD BR \$yC, s mc G, frqt rk fgmts 11.2-12.9' br \$yC, l mc G 12.9-14.2' br \$yC, l mc G 14.2-15' br \$ a C, s frqt rk fgmts				dry/v. stiff moist/v. stiff moist/hard dry/firm	weathered till Breaks Easily	
15.0		5.0'	0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (HS)	None	NA	None	15-18' br \$ a C, s mc G, l S 18-18.1' lrg rk fgmt SS 18.1-20' br \$, s C, l S a G, frqt rk fgmts				dry/firm dry/hard dry/ firm		
20.0													



**40 British American Boulevard
Latham, New York 12110**

Phone: (518) 951-2200
Fax: (518) 951-2300

BORING ID #: **ETB-2**

START DATE:	END DATE:
2/28/08	2/28/08

PROJECT NO.: **95539.056**
BORING LOCATION:
DRILLER: **Jeff**
DEPTH TO BEDROCK:
INSPECTOR: **Mark Howard**
LONGITUDE:

PROJECT MANAGER:	S. Choiniere
DRILLING METHOD:	HSA - Track unit (dual-mode)
TOTAL DEPTH DRILLED:	
WEATHER CONDITIONS:	Teens to Low 20s, Cloudy, Snow
ELEVATION AND DATUM:	

FIELD SAMPLE INFORMATION							HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1:	DEPTH 1:	TIME 1:	
							WEIGHT(S)			DATE 2:	DEPTH 2:	TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				
							ID/OD		2.25"				
							GEOLOGIC DESCRIPTION						
												REMARKS	
0.0	ETB-2(2-3')	2.3'	0.0 (SS)	None	SOM 01.2 VOCs	None	0-1.7' Fill material consisting of bk-dk gr S a G, l brk fgmts					moist/soft	Moist @ interface between fill and Cy\$
			0.0 (SS)				1.7-2.3' rd br Cy\$					moist/soft	
			14 (HS)										
5.0	ETB-2(6-7.5')	3.85'	0.0 (SS)	None	SOM 01.2 VOCs	None	5-5.9' br Cy\$					moist/ medium	
			0.0 (SS)				5.9-6.9' lt br-gr Cy\$					moist/medium	
			145 (HS)				6.9-7.2' lt br Cy\$, s S					moist/ soft	
			0.0 (SS)				7.2-7.7' lt br Cy\$, l mc G					v. moist/ v. soft	
			0.0 (SS)				7.7-8.45' lt br \$yC, t mc G					moist/ v. soft	
			0.0 (SS)				8.45-8.85' br \$yC, t mc G, frgt rk fgmts					moist/ stiff	
10.0		5.0'	0.0 (SS)	None	NA	None	10-11.1' Same as above					moist/v. stiff	
			0.0 (SS)				11.1-11.8' Same as above w/ increasing rk fgmts					moist/firm	
			0.0 (SS)				11.8-15' dk br-gr \$ a C, s mc G, s rk fgmts					dry/ soft	
			0.0 (HS)										
15.0							Refusal @ 13.5'						
20.0													

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300				BOREHOLE LOG BORING ID #: ETB-3 START DATE: 2/28/08 END DATE: 2/28/08			
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:		PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Teens to Low 20s, Cloudy, Snow ELEVATION AND DATUM:					
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				Geoprobe
							ID/OD		2.25"				
							GEOLOGIC DESCRIPTION					LITHOLOGY/ SOIL TYPE	WATER LEVEL REMARKS
0.0		2.8'	0.0 (SS) 0.0 (SS) 78 (HS) 0.0 (SS)	None	NA	None	0-0.9' Concrete						
			0.0 (SS) 0.0 (SS) 78 (HS) 0.0 (SS)	None	NA	None	0.9-1.3' Fill Material consisting of dk gr-bk fmc S a fm G					moist/soft	
			0.0 (SS)	None	NA	None	1.3-2.8' br \$yC, t rk, t rk fgmts					dry/ firm	
5.0		4.1'	0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (HS)	None	SOM 01.2 VOCs	None	5-5.8' br \$yC, t rk					dry/firm	
			0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (HS)	None	SOM 01.2 VOCs	None	5.8-6.9' lt br \$yC, t rks					dry/firm	
			0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (HS)	None	SOM 01.2 VOCs	None	6.9-7.7' br Cy\$, frqt rk fgmts					saturated/v. soft	
			0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (HS)	None	SOM 01.2 VOCs	None	7.7-9.1' lt br w/ or Cy\$, lns of m S @ 8.5'					saturated/ v. soft	
10.0			0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (HS)	None	SOM 01.2 VOCs	None	10-10.5' br fmc S					wet/soft	
			0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (HS)	None	SOM 01.2 VOCs	None	10.5-11.1' br Cy\$, s fmc S, frqt rk fgmts					moist/medium	
			0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (HS)	None	SOM 01.2 VOCs	None	11.1-11.5' br Cy\$, t fmc S					moist/firm	
			0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (SS) 0.0 (HS)	None	SOM 01.2 VOCs	None	11.5-14' rd br \$yC, t mc G, frqt rk fgmts					dry/v. firm	breaks easily weathered till
15.0													
20.0													



**40 British American Boulevard
Latham, New York 12110**

Phone: (518) 951-2200
Fax: (518) 951-2300

BORING ID #: **ETB-4**

START DATE:	END DATE:
2/28/08	2/28/08

PROJECT NO.: **95539.056**
BORING LOCATION:
DRILLER: **Jeff**
DEPTH TO BEDROCK:
INSPECTOR: **Mark Howard**
LONGITUDE:

PROJECT MANAGER:	S. Choiniere
DRILLING METHOD:	HSA - Track unit (dual-mode)
TOTAL DEPTH DRILLED:	
WEATHER CONDITIONS:	Teens to Low 20s, Cloudy, Snow
ELEVATION AND DATUM:	

[illegible]

 A tyco International Ltd. Company							Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300			<u>BOREHOLE LOG</u> BORING ID #: ETB-5 START DATE: 2/28/08 END DATE: 2/28/08				
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:							PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:			PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Teens to Low 20s, Cloudy, Snow ELEVATION AND DATUM:				
FIELD SAMPLE INFORMATION							WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL			CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				Geoprobe	
							ID/OD		2.25"					
							GEOLOGIC DESCRIPTION							LITHOLOGY/ SOIL TYPE
0.0		3.05'	NIS (HS)	None	NA	None	0-1.1' Concrete 1.1-2.2' Fill Material consisting of bk-dk gr fmc S, brk fgmts 2.2-2.7' gr C 2.7-3.05' gr Cy\$, s fm S						dry/soft	NIS - No immediate spike
5.0	ETB-5(6-8')	3.5'	NIS (HS)	None	SOM 01.2 VOCs	None	5-5.7' Same as above 5.7-6.2' br \$yC 6.2-6.7' lt br \$yC, frqt rk fgmt(s), s mc G 6.7-8.5' lt br \$yC, frqt rk fgmt(s), s mc G, rk fgmt increasing						moist/firm moist/medium moist/soft moist/firm	mottling mottling weathered till
10.0	ETB-5(12-14')	5.0'	5.4 (HS) 100 (HS)	None	SOM 01.2 VOCs	None	10-10.6' Same as above 10.6-13.2' br \$, s br C, frqt rk fgmts, s fmc G 13.2-15' br \$, s br C, s fmc G, frqt rk fgmts, C increasing						moist/firm dry/firm dry/firm	mottling weathered till breaks easily weathered till weathered till
15.0	ETB-5(16-18')	4.8'	NIS (HS) NIS (HS)	None	SOM 01.2 VOCs	None	15-15.5' dk br-gr \$yC, frqt rk fgmts, fm G 15.5-15.11' Same as above 15.11-16.8' dk br \$yC, lrg rk fgmt 16.8-18.4' dk br C, mc G 18.4-19.5' mc G						dry/firm dry/firm moist/medium wet/soft saturated/v. soft	breaks easily
20.0														

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300			BOREHOLE LOG BORING ID #: ETB-6 START DATE: 2/28/08 END DATE: 2/28/08					
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:			PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Teens to Low 20s, Cloudy, Snow ELEVATION AND DATUM:					
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:		
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:		
							TYPE		Macrocore®				Geoprobe	
							ID/OD		2.25"					
							GEOLOGIC DESCRIPTION						LITHOLOGY/ SOIL TYPE	WATER LEVEL REMARKS
0.0		3.55'	NIS (HS)	None	NA	None	0-0.45' Blacktop 0.45-2.9' Fill Material consisting of bk-dk gr S, \$, G, brk fgmts 2.9-3.55' gr-dk br \$yC, t f G, t f S						dry dry/soft moist/medium	NIS - No immediate spike
5.0	ETB-6(6-8')	3.7'	NIS (HS)	None	SOM 01.2 VOCs	None	5-6' gr \$yC, t rk fgmts 6-7.2' lt br w/ olive green \$yC, moisture increasing 7.2-8.4' br-lt br C 8.4-8.7' rd br \$yC, l f S						moist/medium moist/soft moist/medium moist/firm	DUP-1(6-8)
10.0	ETB-6(12-14')	4.1'	17 (HS) 7.8 (HS)	None	SOM 01.2 VOCs	None	10-10.55' Same as above 10.55-10.95' br \$yC, t f S, t f G 10.95-11.9' br C, l mc G, t f S 11.9-14.1' dk br-purple \$ a C, s mc G, frqt rk fgmts						dry/medium moist/soft dry/firm	weathered till weathered till breaks easily weathered till
15.0		5.0'	NIS (HS) NIS (HS)	None	NA	None	15-15.4' dk br-purple C, t mc G 15.4-20' dk br-dk gr \$ a C, s fmc G, t fmc S						dry/hard dry/hard	breaks easily weathered till
20.0														

 A tyco International Ltd. Company		Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300		BOREHOLE LOG BORING ID #: ETB-7 START DATE: 2/28/08 END DATE: 2/28/08		
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:		PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:		PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Teens to Low 20s, Cloudy, Snow ELEVATION AND DATUM:		
FIELD SAMPLE INFORMATION		WEIGHT(S) FALL TYPE ID/OD	HAMMER SAMPLER Macrocore® 2.25"	ST. WATER LEVELS CASING TUBE CORE	DATE 1: DATE 2: DEPTH 1: DEPTH 2: TIME 1: TIME 2:	RIG TYPE: Geoprobe WATER LEVEL REMARKS
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT
0.0	ETB-7(1-3')	3.9'	3.1 (HS)	None	SOM 01.2 VOCs	None
5.0	ETB-7(5.5-7.5')	2.95'	19 (HS)	None	SOM 01.2 VOCs	None
10.0	ETB-7(10-12.5')	3.1'	NIS (HS)	None	SOM 01.2 VOCs	None
15.0	2.6'	17.5 (HS)	None	NA	None	None
20.0						

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300				BOREHOLE LOG BORING ID #: ETB-8 START DATE: 2/29/08 END DATE: 2/29/08				
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:		PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Low to High Teens, Sunny ELEVATION AND DATUM:		Geoprobe				
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:		
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:		
							TYPE		Macrocore®				Geoprobe	
							ID/OD		2.25"					
							GEOLOGIC DESCRIPTION						LITHOLOGY/ SOIL TYPE	WATER LEVEL REMARKS
0.0	ETB-8(1.5-3')	2.9'	0.0 (SS)	None	SOM 01.2 VOCs	None	0-0.5' Concrete						dry	▼ WT
0.0 (SS)			0.5-1.55' Fill Material consisting of bk-gr fmc S, fm G						moist/soft					
0.0 (SS)			1.55-1.75' transition from Fill Material (brk fgmts) to br \$yC (native)						moist/soft					
0.0 (SS)			1.75-2.9' br C, s \$						moist/soft					
0.0 (HS)														
5.0	ETB-8(5-7.4')	2.3'	0.0 (HS)	None	SOM 01.2 VOCs	None	5-6.2' dk br-gr C, l \$						moist/firm	
6.2-6.5' dk br-gr C, s mc G, l \$							moist/soft							
6.5-7.3' dk br-gr C a m G							saturated/soft							
10.0	ETB-8(12-14')	3.95'	0.0 (HS)	None	SOM 01.2 VOCs	None	10-10.25' dk br-gr w/gn C, s \$, l rk fgmt						dry/v. stiff	weathered till
10.25-13.95' dk gr \$ a C, s fmc G, frqt rk fgmts							dry/stiff	breaks easily						
12-12.4 lrg rk fgmt								weathered till						
15.0		5.0'	0.0 (HS)	None	NA	None	15-17' dk br-gr C, s \$, lrg rk fgmt @17'						dry/stiff	
17-18.1' dk br-gr C, s \$, more frqt smaller rk fgmts							dry/stiff							
18.1-20' dk br-gr C a \$							dry/firm							
20.0														

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300			BOREHOLE LOG BORING ID #: ETB-9 START DATE: 2/29/08 END DATE: 2/29/08				
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:			PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Low to High Teens, Sunny ELEVATION AND DATUM:				
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				Geoprobe
							ID/OD		2.25"				
							GEOLOGIC DESCRIPTION					LITHOLOGY/ SOIL TYPE	WATER LEVEL REMARKS
0.0	ETB-9(1-3')	2.7'	0.0 (SS)	None	SOM 01.2 VOCs	None	0-0.85' Concrete					dry	
0.0 (SS)			0.85-1.7' Fill Material consisting of bk-gr fmc S, fm G, brk fgmts					moist					
0.0 (SS)			1.7-1.85' Transition from Fill Material to rd br C (native)					moist					
0.0 (SS)			1.85-2.7' br C, s \$, s fmc G					moist/medium					
5.0	ETB-9(6-7.5')	3.1'		None	SOM 01.2 VOCs	None	5-5.4' Same as above					moist/medium	mottling mottling weathered till
			5.4-5.9' br \$yS f S					moist/soft					
			5.9-7.2' br \$yC, s mc G, l S, frqt rk fgmts					moist/soft					
			7.2-8.1' rd br \$yC, s mc G, rk fgmts					moist/firm					
10.0	ETB-9(12-14')	5.0'		None	SOM 01.2 VOCs	None	10-11.1' Same as above					moist/firm	breaks easily
			11.1-13.6' dk br-gr \$ a C, s mfc G, frqt rk fgmts					dry/soft					
			13.6-15 dk br-gr \$yC, less rk fgmt than above					dry/firm					
15.0		1.1'		None	NA	None	15-15.4' Same as above					dry/soft	more brittle breaks easily brittle
			15.4-16.1' dk br-gr f \$y\$, s C, l m G, frqt rk fgmts					dry/soft					
20.0													

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300			BOREHOLE LOG BORING ID #: ETB-10 START DATE: 2/29/08 END DATE: 2/29/08				
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:			PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Low to High Teens, Sunny ELEVATION AND DATUM:				
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				Geoprobe
							ID/OD		2.25"				
							GEOLOGIC DESCRIPTION					LITHOLOGY/ SOIL TYPE	WATER LEVEL REMARKS
0.0	ETB-10(2-3.5')	3.05'	0.0 (HS)	None	SOM 01.2 VOCs	None	0-1.25' Concrete w/ sand base 1.25-1.85' Fill Material consisting of bk-dk gr fmc S, fmc G, brk fgmt 1.85-2.3' Transition from Fill Material to br \$yC, l S (native) 2.3-3.05' gn br C, lrg rk fgmt (SS)					dry	mottling
5.0	ETB-10(7-8.5')	4.1'	0.0 (HS)	None	SOM 01.2 VOCs	None	5-5.9' dk br \$yC, l f S 5.9-7.5' br \$ a C, s mc G, frqt rk fgmts 7.5-9.1' br \$yC, fmc G, becomes more stiff/hard @ 8.65'					moist/firm saturated/v. soft moist/firm moist/hard	weathered till
10.0	ETB-10(12-14')	5.0'	0.0 (HS)	None	SOM 01.2 VOCs	None	10-10.45' dk br-gr \$yC, mc G, frqt rk fgmts, lrg rk fgmt (SS) 10.45-14.45' dk br-gr \$ a C, fmc G, rk fgmt throughout 14.45-15' dk br-gr \$, s C, t f S, t fm G, rk fgmts					dry/stiff dry/v. stiff dry/soft	breaks easily
15.0		5.0'	0.0 (HS)	None	NA	None	15-16.9 dk br Cy\$, s fmc G, lrg rk fgmt @ 16.9' 16.9-20' dk br-gr \$ a C, s fmc G, rk fgmt					dry/stiff dry/medium	breaks easily
20.0													

 A tyco International Ltd. Company							Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300				BOREHOLE LOG BORING ID #: ETB-11 START DATE: 2/29/08 END DATE: 2/29/08			
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:							PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:		PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Low to High Teens, Sunny ELEVATION AND DATUM:					
FIELD SAMPLE INFORMATION							WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL			CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®					Geoprobe
ID/OD								2.25"						
GEOLOGIC DESCRIPTION										LITHOLOGY/ SOIL TYPE		WATER LEVEL REMARKS		
0.0	No Sample	2.3'		None	NA	None	0-2.3' Fill Material 0-2' bk-dk gr fmc S, fm G, rk fgmts, brk fgmts, slag throughout 2-2.3' wood							
5.0	ETB-11(5-7.5')	2.7'	0.8 (HS)	None	SOM 01.2 VOCs	None	5-5.1' Wood 5.1-5.9' gn gr C, t mc G 5.9-6.3' lt br \$yC 6.3-7.2' gn br \$yC, s mc G 7.2-7.7' br \$yC, l mc G, frqt rk fgmts				moist/soft	mottling DUP-2(5-7.5') green mottling		
10.0	ETB-11(10-11')	3.85'	1.0 (HS)	None	SOM 01.2 VOCs	None	10-10.8' rd br \$yC, s fmc G, frqt rk fgmts 10.8-13.85' dk br-gr \$ a C, fmc G, frqt rk fgmts throughout larger rk fgmts throughout				dry to moist/firm	saturation @ top of sleeve weathered till breaks easily weathered till		
15.0	ETB-11(16-18')	4.0'	0.8 (HS)	None	SOM 01.2 VOCs	None	15-19' rd br \$yC, mc G, lrg rk fgmts throughout ~18' C content increases, still rd br \$yC, less G a less rk fgmts				dry/v. stiff	saturation @ top of sleeve and outside of sample structuring within clay		
20.0														

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300			<u>BOREHOLE LOG</u> BORING ID #: ETB-12 START DATE: 2/29/08 END DATE: 2/29/08				
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:			PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Low to High Teens, Sunny ELEVATION AND DATUM:				
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				Geoprobe
							ID/OD		2.25"				
							GEOLOGIC DESCRIPTION					LITHOLOGY/ SOIL TYPE	WATER LEVEL REMARKS
0.0	ETB-12(1-3')	3.4'	0.0 (HS)	None	SOM 01.2 VOCs	None	0-0.2' Topsoil 0.2-1.1' Fill Material consisting of fmc S, fm G 1.1-1.4' Transistion from Fill Material to Native Native - gn gr \$yC, 1 mc G 1.4-3.4' gn gr \$yC, 1 mc G 2.1-3.4' \$yC has less G					moist/firm	MS/MSD(1-3) green mottling
5.0	ETB-12(6-8')	3.0'	3.0 (HS)	None	SOM 01.2 VOCs	None	5-5.5' Same as above 5.5-6.0' bk \$, 1 f S 6-6.1' bk a dk gr \$yC, t S 6.1-7.0' gn gr C, lens of f S @ 6.8-6.9' 7.0-8.0' lt br-tn C rd br C @ 7.8-7.9'					moist/medium moist/soft saturated moist/stiff	green mottling
10.0	ETB-12(10-12')	3.2'	340 (HS)	None	SOM 01.2 VOCs	None	10-10.5 gn gr \$yC 10.5-10.9' dk gr \$yC 10.9-11.9' dk gr \$yC 11.9-12.25' Sy\$, br mc S 12.25-13.2' br Sy\$, s C, s fmc G, frqt rk fgmts					moist/soft moist/soft wet/firm saturated saturated/soft	liquified
15.0	ETB-12(16-18')	2.9'		None	SOM 01.2 VOCs	None	15-15.7' gr C 15.7-16.5' br Sy\$, s C, s fmc G, frqt rk fgmts 16.5-17.9' rd br \$yC, mc G, frqt rk fgmts					wet//v. soft saturated/v. soft dry/v. stiff	weathered till
20.0													

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300			BOREHOLE LOG BORING ID #: ETB-13 START DATE: 2/29/08 END DATE: 2/29/08					
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:			PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Low to High Teens, Sunny ELEVATION AND DATUM:					
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:		
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:		
							TYPE		Macrocore®				Geoprobe	
							ID/OD		2.25"					
							GEOLOGIC DESCRIPTION						LITHOLOGY/ SOIL TYPE	WATER LEVEL REMARKS
0.0	ETB-13(1-3')	2.0'	0.8 (HS)	None	SOM 01.2 VOCs	None	0-0.2' Concrete after penetrating 8" 0.2-0.6 Fill Material consisting of fmc S, f G 0.6-0.8' br Cy\$, s oxidation 0.8-1.0' lrg rk fgmts 1.0-1.4' lt br \$yC 1.4-2.0' br \$yC, mc G						dry	
5.0	ETB-13(6-18')	2.3'	0.6 (HS)	None	SOM 01.2 VOCs	None	5-5.3' br \$yC, rk dust, lrg rk fgmts 5.3-6.4' gr \$yC, t S 6.4-7.3' lt br Cy\$, s mc G, t S lrg rk @ bottom of sleeve						dry/soft moist/stiff moist/firm	green mottling green mottling
10.0	ETB-13(12.5-15')	4.4'	16 (HS)	None	SOM 01.2 VOCs	None	10-11.1 br S a \$, s fmc G, l C, C increases @ 10.8' 11.1-12' br Sy\$yC, s fmc G 12-12.5' br \$yC, frqt rk fgmts, s fmc G 12.5-14.4' rd br \$yC, mc G, frqt rk fgmts						saturated/v. soft saturated/soft moist/firm moist/v. stiff	weathered till
15.0														
20.0														



**40 British American Boulevard
Latham, New York 12110**

Phone: (518) 951-2200
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BORING ID #: **ETB-14**

START DATE:	END DATE:
2/29/08	2/29/08

PROJECT NO.: **95539.056**
BORING LOCATION:
DRILLER: **Jeff**
DEPTH TO BEDROCK:
INSPECTOR: **Mark Howard**
LONGITUDE:

PROJECT MANAGER:	S. Choiniere
DRILLING METHOD:	HSA - Track unit (dual-mode)
TOTAL DEPTH DRILLED:	
WEATHER CONDITIONS:	Low to High Teens, Sunny
ELEVATION AND DATUM:	

[illegible]

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300			BOREHOLE LOG BORING ID #: ETB-15 START DATE: 3/3/08 END DATE: 3/3/08				
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:			PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Low to Mid 40's, Windy w/ Clouds ELEVATION AND DATUM:				
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				Geoprobe
							ID/OD		2.25"				
GEOLOGIC DESCRIPTION											LITHOLOGY/ SOIL TYPE	WATER LEVEL REMARKS	
0.0	ETB-15(1-2')	1.9'	0.0 (SS)	None	SOM 01.2 VOCs	None	0-0.55' Concrete				moist/firm	mottling	
5.0 (SS)			0.55-0.9' Fill Material consisting of bk mc G, s bk fmc S, rk a concrete fgmts										
3.4 (SS)			0.9-1.9' dk br \$yC										
15.8 (HS)													
5.0	ETB-15(6-8')	3.0'	1.3 (SS)	None	SOM 01.2 VOCs	None	5.5-8.5' gn gr \$yC, t mc G				moist/firm	mottling DUP-3(6-8)	
1.5 (SS)			5.85-6.9' lt br-tn \$yC, t f S				moist/stiff						
1.3 (SS)			6.9-7.5' lt br-tn \$yC, t f S				moist/medium						
1.0 (SS)			7.5-8' rd br Sy\$, s mc G				wet/soft						
6.6 (HS)													
10.0	Not enough recovery for a sample	0.75'	2.5 (SS)	None	NA	None	10-10.5' br \$yC, s mc G, frqt rk fgmts				moist/firm		
6.1 (HS)			10.5-10.75' dk br \$yC, s fm G, frqt rk fgmts				dry/firm						
1.3 (HS)													
15.0													
20.0													



**40 British American Boulevard
Latham, New York 12110**

Phone: (518) 951-2200
Fax: (518) 951-2300

BORING ID #: **ETB-16**

START DATE:	END DATE:
3/3/08	3/3/08

PROJECT NO.: **95539.056**
BORING LOCATION:
DRILLER: **Jeff**
DEPTH TO BEDROCK:
INSPECTOR: **Mark Howard**
LONGITUDE:

PROJECT MANAGER:	S. Choiniere
DRILLING METHOD:	HSA - Track unit (dual-mode)
TOTAL DEPTH DRILLED:	
WEATHER CONDITIONS:	Low to Mid 40's, Windy w/ Clouds
ELEVATION AND DATUM:	

FIELD SAMPLE INFORMATION							HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:		
							WEIGHT(S)							
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:		
							TYPE		Macrocore®				Geoprobe	
							ID/OD		2.25"					
							GEOLOGIC DESCRIPTION							LITHOLOGY/ SOIL TYPE
REMARKS														
0.0	ETB-16(1-2')	2.6'	1.0 (HS)	None	SOM 01.2 VOCs	None	8" of Concrete						mottling	
							0-0.7' Fill Material consisting of bk fmc S, s fmc G, brk fgmts							moist to dry/soft
							0.7-2.2' br \$yC, 1 fmc G, frqt rk fgmts							moist/firm
							2.2-2.6' gm gr \$yC, 1 f S							moist/medium to soft
5.0	ETB-16(6-8')	3.6'	2.9 (HS)	None	SOM 01.2 VOCs	None	5-5.2' dk br-bk Cy\$						dry/medium	breaks easily weathered till
							5.2-5.3' dk br-bk \$ (organic)						dry/v. soft	
							5.3-5.65' br-gr C, t \$, t m G						dry/firm	
							5.65-6.5' gn gr \$yC, s mc G, frqt rk fgmts						dry/firm	
							6.5-7.5' dk gr \$ a C, s fmc G, 1 fmc S						saturated/soft	
							7.5-8.6' dk br \$, s C, s fmc G, t f S						moist/firm	
10.0	ETB-16(12-14')	3.6'	1.3 (HS)	None	SOM 01.2 VOCs	None	10-10.2' lrg rk fgmt						dry/hard	
							10.2-13.6' dk br \$ a C, s fmc G, s fmc S, frqt rk fgmts						dry/firm to v. soft	
15.0														
20.0														



Fax: (518) 951-2300

3/3/08	3/3/08

PROJECT MANAGER:	S. Choiniere
DRILLING METHOD:	HSA - Track unit (dual-mode)
TOTAL DEPTH DRILLED:	
WEATHER CONDITIONS:	Low to Mid 40's, Windy w/ Clouds
ELEVATION AND DATUM:	

FIELD SAMPLE INFORMATION							HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1:	DEPTH 1:	TIME 1:	
							WEIGHT(S)			DATE 2:	DEPTH 2:	TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				
							ID/OD		2.25"				
							GEOLOGIC DESCRIPTION						
												REMARKS	
0.0	ETB-17(1-2')	2.4'	5.2 (HS) 1.3 (SS) 2.5 (SS)	None	SOM 01.2 VOCs	None	8" of Concrete 0-0.2' Concrete 0.2-0.7' Fill Material consisting of bk fmc S a f G, brk fgmts 0.7-2.4' br \$yC, 1 fm G, frqt rk fgmts moist @ 1-1.2'					dry/soft moist/soft dry to moist/medium to firm	
5.0	ETB-17(6-8')	2.85'	1.3 (SS) 4.3 (SS) 15.7 (SS) 45.1 (HS)	None	SOM 01.2 VOCs	None	5-5.55' gn gr \$yC 5.55-5.7' dk gr-bk \$, wood 5.7-6.1' gr C 6.1-7.6' gn br \$yC 6.6-6.75' increased concentration of br \$ 7.6-7.85' dk br \$yC, s fmc G					dry/soft moist/soft moist/soft to medium dry/firm dry/v. stiff	
10.0	ETB-17(12-14')	3.55'	6.1 (SS) 3.5 (HS)	None	SOM 01.2 VOCs	None	10-13.1 dk br-gr \$ a C, s fmc G, 1 fmc S, frqt rk fgmts 10.7-11.3' increased concentration of C 13.1-13.55 dk br-gr \$yC, s fmc G, frqt rk fgmts					dry/soft to stiff moist/firm	
15.0													
20.0													



Fax: (518) 951-2300

3/3/08	3/3/08

PROJECT MANAGER:	S. Choiniere
DRILLING METHOD:	HSA - Track unit (dual-mode)
TOTAL DEPTH DRILLED:	
WEATHER CONDITIONS:	Low to Mid 40's, Windy w/ Clouds
ELEVATION AND DATUM:	

FIELD SAMPLE INFORMATION						HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:		
						WEIGHT(S)							
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				
							ID/OD		2.25"				
							GEOLOGIC DESCRIPTION						LITHOLOGY/ SOIL TYPE
						REMARKS							
0.0	ETB-18(1-2')	2.2'	1.3 (SS)	None	SOM 01.2 VOCs	None	8" of Concrete						
			20.8 (HSC)				0-0.2' Concrete						
			4.5 (SS)				0.2-0.8' Fill Material Consisting of bk fmc S a bk m G						
			1.7 (SS)				0.8-2' br \$yC, t f S						
			0.9 (SS)				2-2.2' br \$yC, s mc G						
5.0	ETB-18(5-6.2')	2.1'	13.3 (SS)	None	SOM 01.2 VOCs	None	5-5.5' br \$yC, l fmc G						
			19.8 (SS)				5.5-5.85' br \$ (organic), wood						
			54.5 (HSC)				5.85-6.3' gr C						
			1.2 (SS)				6.3-7.1' gn br \$yC, l mc G						
			9.4 (SS)										
			1.3 (SS)										
10.0	Not enough recovery for a sample	0.3'		None	NA	None	10-10.3' lrg rk fgmt						
15.0													
20.0													



**40 British American Boulevard
Latham, New York 12110**

BOREHOLE LOG

BORING ID #: **ETB-19**

START DATE:	END DATE:
3/3/08	3/3/08

PROJECT NO.: **95539.056**
BORING LOCATION:
DRILLER: **Jeff**
DEPTH TO BEDROCK:
INSPECTOR: **Mark Howard**
LONGITUDE:

PROJECT MANAGER:	S. Choiniere
DRILLING METHOD:	HSA - Track unit (dual-mode)
TOTAL DEPTH DRILLED:	
WEATHER CONDITIONS:	Low to Mid 40's, Windy w/ Clouds
ELEVATION AND DATUM:	

FIELD SAMPLE INFORMATION							HAMMER	SAMPLER	ST. WATER	DATE 1:	DEPTH 1:	TIME 1:	
							WEIGHT(S)		LEVELS	DATE 2:	DEPTH 2:	TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				Geoprobe
							ID/OD		2.25"				
							GEOLOGIC DESCRIPTION					LITHOLOGY/ SOIL TYPE	WATER LEVEL
													REMARKS
0.0		2.7'	0.0 (SS) 2.6 (HS) 0.0 (SS) 0.0 (SS)	None	NA	None	0-0.1' br \$, glass a rk fgmts 1.0-2.0' Fill Material consisting of br \$ a bk fmc S, s f G, charcoal 2.0-2.7' br Sy\$, lrg rk fgmts					dry/soft dry/soft dry/soft	breaks easily weathered till
5.0	ETB-19(5-6')	2.2'	0.0 (SS) 6.4 (HS) 1.7 (SS) 0.0 (SS) 0.0 (SS)	None	SOM 01.2 VOCs	None	5-5.85' dk br-gr \$yC, fm G 5.85-6.3' br fm S 6.3-6.9' lrg rk fgmt, C content increasing @ 6.6' 6.9-7.2' br-dk br \$yC, l fmc G, t f S					dry to moist/soft to medium moist/soft dry/hard soft C dry/soft	
10.0	ETB-19(12-14')	3.8'	0.3 (HS)	None	SOM 01.2 VOCs	None	10-10.4' rk fgmts 10.4-10.7' dk br-gr \$ a C, fmc G 10.7-13.8' dk br-gr \$ a C, s fmc G, t f S C lens @ 11.4-13.8'					dry dry/medium to v.stiff	
15.0	ETB-19(17-19')	4.1'	6.9 (SS) 1.6 (HS)	None	SOM 01.2 VOCs	None	15-15.2' br mc S 15.2-16.1' br Cy\$, saturation @ 15.8-16.1' 16.1-17.1' dk br-gr \$yC, lrg rk fgmts 17.1-19.1' dk br-gr \$yC, s fmc G, t m S					moist/v. soft moist/soft dry/v. stiff dry/v. stiff	
20.0													

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300				BOREHOLE LOG BORING ID #: ETB-20 START DATE: 3/3/08 END DATE: 3/3/08			
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:		PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Low to Mid 40's, Windy w/ Clouds ELEVATION AND DATUM:					
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				Geoprobe
							ID/OD		2.25"				
							GEOLOGIC DESCRIPTION						LITHOLOGY/ SOIL TYPE
0.0	ETB-20(1-3')	2.5'	0.0 (SS)	None	SOM 01.2 VOCs	None	0-0.3' gr \$, t mc G, t f S				moist/soft		
			5.8 (HS)				0.3-0.7' dk br-gr \$yC, l f S				moist/soft		
			0.0 (SS)				0.7-1.7' dk br-gr fmc S				moist/soft		
						1.7-2.5' dk br-bk mc S a \$, charcoal, wood, lgr rk fgmts				moist/soft			
5.0	ETB-20(6-8')	2.6'	0.0 (SS)	None	SOM 01.2 VOCs	None	5-7.6' br Cy\$ w/ Fill Material Fill Material consisting of slag, wood @ 5.8-6.0', lrg rk fgmts				wet @ 5-5.2' a @ 7.3-7.6' firm to soft		
			3.8 (HS)										
			0.0 (SS)										
10.0	ETB-20(10-11.6')	1.6'	0.0 (SS)	Slight organic odor	SOM 01.2 VOCs	None	10-11.6' Fill Material consisting of br-bk mc S a \$, slag, PVC (Well Screen), wood, lrg rk fgmt				moist/soft @ 10-11.1' saturated @ 11.1-11.6'		
			4.3 (HS)										
			0.0 (SS)										
15.0	Not enough recovery for a sample	1.05'	0.0 (SS)	Slight organic odor	NA	None	15-15.8' dk gr fmc S a fmc G, rk fgmts				saturated/v. soft	sheen	
			2.0 (HS)				15.8-16.05' gr a t fmc S, lrg rk fgmts, l c G				moist/v. soft		
			0.0 (SS)				Refusal @ 15.0'						
20.0													

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300			BOREHOLE LOG BORING ID #: ETB-21 START DATE: 3/3/08 END DATE: 3/3/08				
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:			PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Low to Mid 40's, Windy w/ Clouds ELEVATION AND DATUM:				
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				Geoprobe
							ID/OD		2.25"				
GEOLOGIC DESCRIPTION											LITHOLOGY/ SOIL TYPE	WATER LEVEL REMARKS	
0.0		2.3'	0.0 (SS) 4.2 (HS) 0.0 (SS)	None	NA	None	0-0.1' br \$ a grass 0.1-2.2' Fill Material 0.1-0.3' bk fmc S, rk fgmts 0.3-0.6' br \$ a C w/ rk fgmts 0.6-0.75' ye brk 0.75-1.3' bk fmc S, mc G, slag 1.3-2.2' br \$yC w/ slag, s fmc G painted orange 2.2-2.3' br \$yC				soft to medium dry to moist		
5.0	ETB-21(6-8')	2.8'	0.0 (SS) 1.8 (SS) 0.8 (SS) 4.0 (HS) 0.7 (SS) 0.5 (SS)	None	SOM 01.2 VOCs	None	5-5.55' Same as above 5.55-5.85' dk br \$ a C, wood 5.85-7.1' gn gr C 7.1-7.8' br a lt gr \$yC				moist/firm dry/stiff wet/soft	mottling	
10.0	ETB-21(11.5-13')	3.2'	0.4 (HS)	None	SOM 01.2 VOCs	None	10-11.65' br \$yC, s fmc G, lrg rk fgmts 11.65-13.2' dk br-gr \$yC, s fmc G, G increases @ 12.75'				saturated to 11.4'/v. soft wet/firm 11.4-11.65' moist/firm becomes wet @ 12.75'		
15.0	ETB-21(15-16.5')	1.6'	70.4 (SS) 5.2 (SS) 14.8 (SS) 1.1 (SS) 0.4 (SS)	None	SOM 01.2 VOCs	None	15-15.7' dk br-gr \$yC a fmc G 15.7-16.6' dk br-gr \$yC a fmc G Refusal @ 17.5'				wet/firm moist/firm		
20.0													



**40 British American Boulevard
Latham, New York 12110**

Phone: (518) 951-2200
Fax: (518) 951-2300

BORING ID #: **ETB-22**

START DATE:	END DATE:
3/4/08	3/4/08

PROJECT NO.: **95539.056**
BORING LOCATION:
DRILLER: **Jeff**
DEPTH TO BEDROCK:
INSPECTOR: **Mark Howard**
LONGITUDE:

PROJECT MANAGER:	S. Choiniere
DRILLING METHOD:	HSA - Track unit (dual-mode)
TOTAL DEPTH DRILLED:	
WEATHER CONDITIONS:	Low 30's to Mid 30's, Sunny
ELEVATION AND DATUM:	

FIELD SAMPLE INFORMATION							HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
							WEIGHT(S)			CASING	TUBE	CORE	RIG TYPE:
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL						
							TYPE		Macrocore®				
							ID/OD		2.25"				
							GEOLOGIC DESCRIPTION				LITHOLOGY/ SOIL TYPE	WATER LEVEL	
												REMARKS	
0.0			0.3 (SS) 1.4 (SS) 134 (HS) 56.7 (SS)	None	NA	None	6" of Concrete 0-0.6' gr fmc S a fmc G, frqt rk fgmts 0.6-0.85' br \$yC 0.85-1.6' dk br \$yC				satuated/v. soft moist to dry/medium moist to dry/medium	breaks easily weathered till	
5.0	ETB-22(5-8')	3.35'	227 (SS) 5.4 (SS) 104 (HS) 3.5 (SS) 197 (SS)	Yes - sweet odor	SOM 01.2 VOCs	None	5-5.7' pu br \$yC, s fmc G 5.7-6.6' br \$, s C, s mc S, l fm G 6.6-7.2' lt br \$yC 7.2-8.35' dk br \$yC, s fmc G				moist/soft to firm satuated/v. soft satuated/v. soft to soft Dry/stiff		
10.0	ETB-22(13-14) ETB-22(10-10.5')	5.0'	235 (SS) 18.6 (SS) 1.6 (SS) 5.2 (HS) 0.3 (SS) 0.2 (SS) 0.1 (SS)	None	SOM 01.2 VOCs	None	10-15' rd br \$ a C, s fmc G, frqt rk fgmts				dry/soft to firm		
15.0													
20.0													

 A tyco International Ltd. Company							Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300			BOREHOLE LOG BORING ID #: ETB-23 START DATE: 3/4/08 END DATE: 3/4/08			
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:							PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:			PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Low 30's to Mid 30's, Sunny ELEVATION AND DATUM:			
FIELD SAMPLE INFORMATION							WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL			CASING	TUBE	CORE	RIG TYPE:
							TYPE		Macrocore®				Geoprobe
							ID/OD		2.25"				
							GEOLOGIC DESCRIPTION						LITHOLOGY/ SOIL TYPE
0.0		1.15'	0.0 (SS) 0.0 (HS) 0.0 (SS)	None	NA	None	0-1.1' Fill Material consisting of bk fmc S a fm G, rd brk fgmts rd mc S @ 1-1.05' 1.1-1.15' gn gr \$yC, l fm G				moist/soft to firm wet/soft		
5.0	ETB-23(5-6')	4.0'	0.0 (SS) 0.0 (HS) 0.0 (SS)	None	SOM 01.2 VOCs	None	5-6.1' Same as above 6.1-7.5' br \$, s C, s mc S, l fm G 7.5-8.7' gr \$yC, s fmc G 8.7-9' dk br to rd br \$yC, s fmc G, frqt rk fgmts				moist to wet/medium to firm saturated/v. soft wet to moist/ soft to firm moist/firm		
10.0	ETB-23(10-11.5')	3.1'	0.0 (SS) 0.0 (HS) 0.0 (SS)	None	SOM 01.2 VOCs	None	10-13.3' rd br \$ a C, s fmc G, frqt rk fgmts high C concentration @ 11.3-12.1' top 2" mc S lns				dry/soft to firm	breaks easily weathered till	
15.0													
20.0													

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300				BOREHOLE LOG BORING ID #: ETB-24 START DATE: 3/4/08 END DATE: 3/4/08			
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:		PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Low 30's to Mid 30's, Sunny ELEVATION AND DATUM:					
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				Geoprobe
							ID/OD		2.25"				
						GEOLOGIC DESCRIPTION					LITHOLOGY/ SOIL TYPE	WATER LEVEL REMARKS	
0.0	ETB-24(1-3')	3.6'	0.0 (SS) 0.0 (HS) 0.0 (SS)	None	SOM 01.2 VOCs	None	6" of Concrete 0-0.3' Concrete 0.3-0.6' gr C 0.6-3.6' Fill Material Consisting of rk fgmts, concrete a f S Alternating lenses of concrete and concrete w/ S						
5.0	ETB-24(6-7.5')	2.5'	0.0 (SS) 0.0 (HS) 0.0 (SS)	None	SOM 01.2 VOCs	None	5-5.2' gr \$yC w/ Concrete 5.2-5.5' Concrete a f S 5.5-6' gr \$yC, lrg rk fgmts 6-7.5' br \$yC, s fmc G					wet/soft moist to wet/soft to medium	DUP-4 (6-7.5')
10.0		2.7'	0.0 (SS) 0.0 (HS) 0.0 (SS)	None	NA	None	10-12.7' rd br \$ a C to rd br \$yC, s lrg rk fgmts @ 12.2-12.3'					dry/medium to firm	breaks easily weathered till
15.0													
20.0													

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300				BOREHOLE LOG BORING ID #: ETB-25 START DATE: 3/4/08 END DATE: 3/4/08			
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:		PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Low 30's to Mid 30's, Sunny ELEVATION AND DATUM:					
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				Geoprobe
							ID/OD		2.25"				
GEOLOGIC DESCRIPTION											LITHOLOGY/ SOIL TYPE	WATER LEVEL REMARKS	
0.0	ETB-25(1-2.5')	2.6'	0.0 (SS)	None	SOM 01.2 VOCs	None	0-0.65' dk br a dk gr \$, l C, t f S				wet/soft		
2.5 (SS)			0.65-0.75' lrg rk fgmt				moist/hard						
5.3 (SS)			0.75-1.6' dk br-br \$yC, l fm G				moist/firm						
19.6 (SS)			1.6-2.6' br \$yC, t f G				moist/medium						
9.2 (SS)													
5.0	Not enough recovery for a sample	0.85'	0.5 (SS)	None	SOM 01.2 VOCs	None	5-5.35' Same as above				moist/medium		
3.4 (SS)			5.35-5.85' gn gr \$yC, lrg rk fgmt @ bottom of sleeve (SS)				moist/soft to medium						
10.0	ETB-25(11.5-13') ETB-25(10-11.5')	2.5'	152 (SS)	None	SOM 01.2 VOCs	None	10-10.5' gr \$yC, s fmc G, t f S				dry/soft to firm	breaks easily weathered till	
153 (SS)			10.5-12.5' dk br a dk gr \$yC to \$ a C, s fmc G										
852 (SS)													
94 (SS)													
15.0							Refusal @ 13.0'						
20.0													

 A tyco International Ltd. Company						Earth Tech Northeast, Inc. 40 British American Boulevard Latham, New York 12110 Phone: (518) 951-2200 Fax: (518) 951-2300			BOREHOLE LOG BORING ID #: ETB-26 START DATE: 3/4/08 END DATE: 3/4/08				
PROJECT NAME: Northeast Alloys & Metals SITE LOCATION: 2145 Dwyer Avenue, Utica NY DRILLING CO.: Aztech Technologies, Inc. BOREHOLE DIAMETER: TOTAL DEPTH REACHED: LATITUDE:						PROJECT NO.: 95539.056 BORING LOCATION: DRILLER: Jeff DEPTH TO BEDROCK: INSPECTOR: Mark Howard LONGITUDE:			PROJECT MANAGER: S. Choiniere DRILLING METHOD: HSA - Track unit (dual-mode) TOTAL DEPTH DRILLED: WEATHER CONDITIONS: Low 30's to Mid 30's, Sunny ELEVATION AND DATUM:				
FIELD SAMPLE INFORMATION						WEIGHT(S)	HAMMER	SAMPLER	ST. WATER LEVELS	DATE 1: DATE 2:	DEPTH 1: DEPTH 2:	TIME 1: TIME 2:	
DEPTH (feet bgs)	SAMPLE ID	RECOVERY	PID (ppm)	ODOR OBSERVED	LAB ANALYSIS	VISIBLE PRODUCT	FALL		CASING	TUBE	CORE	RIG TYPE:	
							TYPE		Macrocore®				Geoprobe
							ID/OD		2.25"				
							GEOLOGIC DESCRIPTION					LITHOLOGY/ SOIL TYPE	WATER LEVEL REMARKS
0.0	ETB-26(0.5-2')	1.55'	0.0 (SS)	Chlorinated Solvents	SOM 01.2 VOCs	Yes	6" of Concrete						
		0.0 (SS)	0-0.1' Concrete					moist/soft					
		1.5 (HS)	0.1-0.8' Fill Material					moist/soft					
		1.8 (SS)	0.1-0.45' br \$ w/ charcoal										
		5.5 (SS)	0.45-0.8' Charcoal										
5.0		4.3'	2.2 (SS)	Yes - sweet odor	NA	Yes	0.8-1.55' gr w/ s br C						
		2.0 (SS)	sheen visible @ 1.35-1.4'					wet/v. soft					
		4.1 (HS)	5-5.4' gr \$yC, s fmc G					saturated/v. soft	sheen				
		0.8 (SS)	5.4-5.5' gn gr \$yC, t m G					wet/medium					
		0.8 (SS)	5.5-6.45' gr \$yC, s fmc G					saturated/v. soft	sheen				
10.0	ETB-26(10-11')	4.4'	0.0 (SS)	None	SOM 01.2 VOCs	None	6.45-8.55' br \$yC, s mc G						
		0.6 (HS)	8.55-9.3' br \$yC, s mc G, lrg rk fgmt					v. wet/v. soft	sheen				
		0.0 (SS)	10-10.6' br \$yC, t m G					wet/soft to v. soft					
		0.0 (SS)	10.6-11.1' br C					dry/firm to stiff					
		0.0 (SS)	11.1-14.4' rd br \$yC, s fmc G, lrg rk fgmts					dry/firm	breaks easily weathered till				
15.0	ETB-26(16-17')	2.4'	0.7 (HS)	None	SOM 01.2 VOCs	None	15-17.4' Same as above						
20.0										Refusal @ 15.5'			

APPENDIX C

PHOTOGRAPH LOG



Location of former
Degreasing Area that was
razed to the slab (facing
northwest).



Looking west at Courtyard
Area, with the Main Building
to the left and the Warehouse
portion to the right.



Monitoring Well MW-6 by
traffic cone and former PZ-
01 and RW-1 in background.



View of slab and loading dock area with treatment system shed in background (facing northeast).



Drain observed in slab.



View of Warehouse Portion and slab after demolition (facing west).



Setup for Sample train at SS-3
subslab vapor location in
basement.

APPENDIX D

ANALYTICAL DATA – SOIL



284 Sheffield Street Mountainside, NJ 07092

Client ID: EART04
Client Name: Earth Tech, Inc.
Project ID: NYSDEC North East Alloys [Scope Of Work](#)

Test Comment: Reports will be issued on Compact disk. VOC group 1 to report TCL list

PM Comment: NYS standby- issue report on CD. VOC Group 1=TCL list of parameters

QC/Reporting Comment:

SEE SAMPLE LOGIN PAGE COMMENT

Comment : VOCMS G 1 = Report TCL list + 10 TICs. Method is SOM01.2

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: NYSDEC North East Alloys

**EARTH TECH, INC.
40 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
5189512200**

**CHEMTECH PROJECT NO.
ATTENTION:**

**Z1750
Caroline Benedict**

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-3(13-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-01

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016738.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 7

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.4	U
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl Chloride	5.4	U
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	5.4	U
75-35-4	1,1-Dichloroethene	5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U
67-64-1	Acetone	11	
75-15-0	Carbon disulfide	5.4	U
79-20-9	Methyl acetate	5.4	U
75-09-2	Methylene chloride	25	
156-60-5	trans-1,2-Dichloroethene	5.4	U
1634-04-4	Methyl tert-Butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	5.4	U
156-59-2	cis-1,2-Dichloroethene	5.4	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	5.4	U
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon Tetrachloride	5.4	U
71-43-2	Benzene	110	
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-3(13-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-01

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016738.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 7

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	16	
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	33	
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	12	
95-47-6	o-Xylene	5.4	U
179601-23-	m,p-Xylene	11	
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-3(13-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-01

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016738.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 7.0

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-3(13-14)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-01RE

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016764.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 7

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.4	U
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl Chloride	5.4	U
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	5.4	U
75-35-4	1,1-Dichloroethene	5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U
67-64-1	Acetone	12	
75-15-0	Carbon disulfide	5.4	U
79-20-9	Methyl acetate	5.4	U
75-09-2	Methylene chloride	17	
156-60-5	trans-1,2-Dichloroethene	5.4	U
1634-04-4	Methyl tert-Butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	5.4	U
156-59-2	cis-1,2-Dichloroethene	5.4	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	5.4	U
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon Tetrachloride	5.4	U
71-43-2	Benzene	67	
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-3(13-14)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-01RE

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016764.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 7

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	12	
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	21	
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	8.1	
95-47-6	o-Xylene	5.4	
179601-23-	m,p-Xylene	8.9	
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-3(13-14)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-01RE

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016764.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 7.0

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-3(6-7)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL Lab Sample ID: Z1750-02

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016739.D

Level (TRACE/LOW/MED): LOW Date Received: 02/29/2008

% Moisture: not dec. 18 Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.1	U
74-87-3	Chloromethane	6.1	U
75-01-4	Vinyl Chloride	6.1	U
74-83-9	Bromomethane	6.1	U
75-00-3	Chloroethane	6.1	U
75-69-4	Trichlorofluoromethane	6.1	U
75-35-4	1,1-Dichloroethene	6.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	U
67-64-1	Acetone	30	
75-15-0	Carbon disulfide	6.1	U
79-20-9	Methyl acetate	6.1	U
75-09-2	Methylene chloride	6.1	U
156-60-5	trans-1,2-Dichloroethene	6.1	U
1634-04-4	Methyl tert-Butyl ether	6.1	U
75-34-3	1,1-Dichloroethane	6.1	U
156-59-2	cis-1,2-Dichloroethene	6.1	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.1	U
67-66-3	Chloroform	6.1	U
71-55-6	1,1,1-Trichloroethane	6.1	U
110-82-7	Cyclohexane	6.1	U
56-23-5	Carbon Tetrachloride	6.1	U
71-43-2	Benzene	6.1	U
107-06-2	1,2-Dichloroethane	6.1	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-3(6-7)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-02

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016739.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 18

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	6.1	U
108-87-2	Methylcyclohexane	6.1	U
78-87-5	1,2-Dichloropropane	6.1	U
75-27-4	Bromodichloromethane	6.1	U
10061-01-5	cis-1,3-Dichloropropene	6.1	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	6.1	U
10061-02-6	trans-1,3-Dichloropropene	6.1	U
79-00-5	1,1,2-Trichloroethane	6.1	U
127-18-4	Tetrachloroethene	6.1	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.1	U
106-93-4	1,2-Dibromoethane	6.1	U
108-90-7	Chlorobenzene	6.1	U
100-41-4	Ethylbenzene	6.1	U
95-47-6	o-Xylene	6.1	U
179601-23-	m,p-Xylene	6.1	U
100-42-5	Styrene	6.1	U
75-25-2	Bromoform	6.1	U
98-82-8	Isopropylbenzene	6.1	U
79-34-5	1,1,2,2-Tetrachloroethane	6.1	U
541-73-1	1,3-Dichlorobenzene	6.1	U
106-46-7	1,4-Dichlorobenzene	6.1	U
95-50-1	1,2-Dichlorobenzene	6.1	U
96-12-8	1,2-Dibromo-3-chloropropane	6.1	U
120-82-1	1,2,4-Trichlorobenzene	6.1	U
87-61-6	1,2,3-Trichlorobenzene	6.1	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-3(6-7)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-02

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016739.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 18

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-1(6-7)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL Lab Sample ID: Z1750-03

Sample wt/vol: 4.99 (g/mL) g Lab File ID: VI016740.D

Level (TRACE/LOW/MED): LOW Date Received: 02/29/2008

% Moisture: not dec. 17 Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.0	U
74-87-3	Chloromethane	6.0	U
75-01-4	Vinyl Chloride	6.0	U
74-83-9	Bromomethane	6.0	U
75-00-3	Chloroethane	6.0	U
75-69-4	Trichlorofluoromethane	6.0	U
75-35-4	1,1-Dichloroethene	6.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.0	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	6.0	U
79-20-9	Methyl acetate	6.0	U
75-09-2	Methylene chloride	6.0	U
156-60-5	trans-1,2-Dichloroethene	6.0	U
1634-04-4	Methyl tert-Butyl ether	6.0	U
75-34-3	1,1-Dichloroethane	6.0	U
156-59-2	cis-1,2-Dichloroethene	6.0	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.0	U
67-66-3	Chloroform	6.0	U
71-55-6	1,1,1-Trichloroethane	6.0	U
110-82-7	Cyclohexane	6.0	U
56-23-5	Carbon Tetrachloride	6.0	U
71-43-2	Benzene	6.0	U
107-06-2	1,2-Dichloroethane	6.0	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-1(6-7)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-03

Sample wt/vol: 4.99 (g/mL) g

Lab File ID: VI016740.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 17

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	6.0	U
108-87-2	Methylcyclohexane	6.0	U
78-87-5	1,2-Dichloropropane	6.0	U
75-27-4	Bromodichloromethane	6.0	U
10061-01-5	cis-1,3-Dichloropropene	6.0	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	6.0	U
10061-02-6	trans-1,3-Dichloropropene	6.0	U
79-00-5	1,1,2-Trichloroethane	6.0	U
127-18-4	Tetrachloroethene	6.0	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.0	U
106-93-4	1,2-Dibromoethane	6.0	U
108-90-7	Chlorobenzene	6.0	U
100-41-4	Ethylbenzene	6.0	U
95-47-6	o-Xylene	6.0	U
179601-23-	m,p-Xylene	6.0	U
100-42-5	Styrene	6.0	U
75-25-2	Bromoform	6.0	U
98-82-8	Isopropylbenzene	6.0	U
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U
541-73-1	1,3-Dichlorobenzene	6.0	U
106-46-7	1,4-Dichlorobenzene	6.0	U
95-50-1	1,2-Dichlorobenzene	6.0	U
96-12-8	1,2-Dibromo-3-chloropropane	6.0	U
120-82-1	1,2,4-Trichlorobenzene	6.0	U
87-61-6	1,2,3-Trichlorobenzene	6.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-1(6-7)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-03

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016740.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 17

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-1(13-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-04

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016741.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 8

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.4	U
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl Chloride	5.4	U
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	5.4	U
75-35-4	1,1-Dichloroethene	5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.4	U
79-20-9	Methyl acetate	5.4	U
75-09-2	Methylene chloride	8.7	
156-60-5	trans-1,2-Dichloroethene	5.4	U
1634-04-4	Methyl tert-Butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	5.4	U
156-59-2	cis-1,2-Dichloroethene	5.4	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	5.4	U
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon Tetrachloride	5.4	U
71-43-2	Benzene	13	
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-1(13-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-04

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016741.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 8

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	6.5	
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	6.8	
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	5.4	U
95-47-6	o-Xylene	5.4	U
179601-23-	m,p-Xylene	5.4	U
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-1(13-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-04

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016741.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 8.0

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-1(13-14)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-04RE

Sample wt/vol: 5.03 (g/mL) g

Lab File ID: VI016762.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 8

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.4	U
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl Chloride	5.4	U
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	5.4	U
75-35-4	1,1-Dichloroethene	5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.4	U
79-20-9	Methyl acetate	5.4	U
75-09-2	Methylene chloride	19	
156-60-5	trans-1,2-Dichloroethene	5.4	U
1634-04-4	Methyl tert-Butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	5.4	U
156-59-2	cis-1,2-Dichloroethene	5.4	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	5.4	U
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon Tetrachloride	5.4	U
71-43-2	Benzene	130	
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-1(13-14)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-04RE

Sample wt/vol: 5.03 (g/mL) g

Lab File ID: VI016762.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 8

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	16	
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	26	
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	7.8	
95-47-6	o-Xylene	5.4	U
179601-23-	m,p-Xylene	7.4	
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-1(13-14)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-04RE

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016762.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 8.0

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-2(2-3)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL Lab Sample ID: Z1750-05

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016763.D

Level (TRACE/LOW/MED): LOW Date Received: 02/29/2008

% Moisture: not dec. 32 Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	7.3	U
74-87-3	Chloromethane	7.3	U
75-01-4	Vinyl Chloride	7.3	U
74-83-9	Bromomethane	7.3	U
75-00-3	Chloroethane	7.3	U
75-69-4	Trichlorofluoromethane	7.3	U
75-35-4	1,1-Dichloroethene	7.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.3	U
67-64-1	Acetone	15	U
75-15-0	Carbon disulfide	7.3	U
79-20-9	Methyl acetate	7.3	U
75-09-2	Methylene chloride	7.3	U
156-60-5	trans-1,2-Dichloroethene	7.3	U
1634-04-4	Methyl tert-Butyl ether	7.3	U
75-34-3	1,1-Dichloroethane	7.3	U
156-59-2	cis-1,2-Dichloroethene	240	
78-93-3	2-Butanone	15	U
74-97-5	Bromochloromethane	7.3	U
67-66-3	Chloroform	7.3	U
71-55-6	1,1,1-Trichloroethane	7.3	U
110-82-7	Cyclohexane	7.3	U
56-23-5	Carbon Tetrachloride	7.3	U
71-43-2	Benzene	16	
107-06-2	1,2-Dichloroethane	7.3	U
123-91-1	1,4-Dioxane	150	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-2(2-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-05

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016763.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 32

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	560	E
108-87-2	Methylcyclohexane	8.2	
78-87-5	1,2-Dichloropropane	7.3	U
75-27-4	Bromodichloromethane	7.3	U
10061-01-5	cis-1,3-Dichloropropene	7.3	U
108-10-1	4-Methyl-2-pentanone	15	U
108-88-3	Toluene	9.4	
10061-02-6	trans-1,3-Dichloropropene	7.3	U
79-00-5	1,1,2-Trichloroethane	7.3	U
127-18-4	Tetrachloroethene	7.3	U
591-78-6	2-Hexanone	15	U
124-48-1	Dibromochloromethane	7.3	U
106-93-4	1,2-Dibromoethane	7.3	U
108-90-7	Chlorobenzene	7.3	U
100-41-4	Ethylbenzene	9.9	
95-47-6	o-Xylene	7.3	U
179601-23-	m,p-Xylene	12	
100-42-5	Styrene	7.3	U
75-25-2	Bromoform	7.3	U
98-82-8	Isopropylbenzene	7.3	U
79-34-5	1,1,2,2-Tetrachloroethane	7.3	U
541-73-1	1,3-Dichlorobenzene	7.3	U
106-46-7	1,4-Dichlorobenzene	7.3	U
95-50-1	1,2-Dichlorobenzene	7.3	U
96-12-8	1,2-Dibromo-3-chloropropane	7.3	U
120-82-1	1,2,4-Trichlorobenzene	7.3	U
87-61-6	1,2,3-Trichlorobenzene	7.3	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-2(2-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-05

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016742.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 32

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-2(2-3)DL

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL Lab Sample ID: Z1750-05DL

Sample wt/vol: 1.00 (g/mL) g Lab File ID: VI016858.D

Level (TRACE/LOW/MED): LOW Date Received: 02/29/2008

% Moisture: not dec. 32 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	180	U
74-87-3	Chloromethane	180	U
75-01-4	Vinyl Chloride	180	U
74-83-9	Bromomethane	180	U
75-00-3	Chloroethane	180	U
75-69-4	Trichlorofluoromethane	180	U
75-35-4	1,1-Dichloroethene	180	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	180	U
67-64-1	Acetone	370	U
75-15-0	Carbon disulfide	180	U
79-20-9	Methyl acetate	180	U
75-09-2	Methylene chloride	180	U
156-60-5	trans-1,2-Dichloroethene	180	U
1634-04-4	Methyl tert-Butyl ether	180	U
75-34-3	1,1-Dichloroethane	180	U
156-59-2	cis-1,2-Dichloroethene	720	D
78-93-3	2-Butanone	370	U
74-97-5	Bromochloromethane	180	U
67-66-3	Chloroform	180	U
71-55-6	1,1,1-Trichloroethane	180	U
110-82-7	Cyclohexane	180	U
56-23-5	Carbon Tetrachloride	180	U
71-43-2	Benzene	180	U
107-06-2	1,2-Dichloroethane	180	U
123-91-1	1,4-Dioxane	3700	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-2(2-3)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-05DL

Sample wt/vol: 1.00 (g/mL) g

Lab File ID: VI016858.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 32

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 5.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	1600	D
108-87-2	Methylcyclohexane	180	U
78-87-5	1,2-Dichloropropane	180	U
75-27-4	Bromodichloromethane	180	U
10061-01-5	cis-1,3-Dichloropropene	180	U
108-10-1	4-Methyl-2-pentanone	370	U
108-88-3	Toluene	180	U
10061-02-6	trans-1,3-Dichloropropene	180	U
79-00-5	1,1,2-Trichloroethane	180	U
127-18-4	Tetrachloroethene	180	U
591-78-6	2-Hexanone	370	U
124-48-1	Dibromochloromethane	180	U
106-93-4	1,2-Dibromoethane	180	U
108-90-7	Chlorobenzene	180	U
100-41-4	Ethylbenzene	180	U
95-47-6	o-Xylene	180	U
179601-23-	m,p-Xylene	180	U
100-42-5	Styrene	180	U
75-25-2	Bromoform	180	U
98-82-8	Isopropylbenzene	180	U
79-34-5	1,1,2,2-Tetrachloroethane	180	U
541-73-1	1,3-Dichlorobenzene	180	U
106-46-7	1,4-Dichlorobenzene	180	U
95-50-1	1,2-Dichlorobenzene	180	U
96-12-8	1,2-Dibromo-3-chloropropane	180	U
120-82-1	1,2,4-Trichlorobenzene	180	U
87-61-6	1,2,3-Trichlorobenzene	180	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-2(2-3)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-05DL

Sample wt/vol: 1.0 (g/mL) g

Lab File ID: VI016858.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 32

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-5(6-8)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL Lab Sample ID: Z1750-06

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016743.D

Level (TRACE/LOW/MED): LOW Date Received: 02/29/2008

% Moisture: not dec. 12 Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.7	U
74-87-3	Chloromethane	5.7	U
75-01-4	Vinyl Chloride	5.7	U
74-83-9	Bromomethane	5.7	U
75-00-3	Chloroethane	5.7	U
75-69-4	Trichlorofluoromethane	5.7	U
75-35-4	1,1-Dichloroethene	5.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.7	U
79-20-9	Methyl acetate	5.7	U
75-09-2	Methylene chloride	5.7	U
156-60-5	trans-1,2-Dichloroethene	5.7	U
1634-04-4	Methyl tert-Butyl ether	5.7	U
75-34-3	1,1-Dichloroethane	5.7	U
156-59-2	cis-1,2-Dichloroethene	11	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.7	U
67-66-3	Chloroform	5.7	U
71-55-6	1,1,1-Trichloroethane	5.7	U
110-82-7	Cyclohexane	5.7	U
56-23-5	Carbon Tetrachloride	5.7	U
71-43-2	Benzene	5.7	U
107-06-2	1,2-Dichloroethane	5.7	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-5(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-06

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016743.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 12

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	27	
108-87-2	Methylcyclohexane	5.7	U
78-87-5	1,2-Dichloropropane	5.7	U
75-27-4	Bromodichloromethane	5.7	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	5.7	U
10061-02-6	trans-1,3-Dichloropropene	5.7	U
79-00-5	1,1,2-Trichloroethane	5.7	U
127-18-4	Tetrachloroethene	5.7	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.7	U
106-93-4	1,2-Dibromoethane	5.7	U
108-90-7	Chlorobenzene	5.7	U
100-41-4	Ethylbenzene	5.7	U
95-47-6	o-Xylene	5.7	U
179601-23-	m,p-Xylene	5.7	U
100-42-5	Styrene	5.7	U
75-25-2	Bromoform	5.7	U
98-82-8	Isopropylbenzene	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U
541-73-1	1,3-Dichlorobenzene	5.7	U
106-46-7	1,4-Dichlorobenzene	5.7	U
95-50-1	1,2-Dichlorobenzene	5.7	U
96-12-8	1,2-Dibromo-3-chloropropane	5.7	U
120-82-1	1,2,4-Trichlorobenzene	5.7	U
87-61-6	1,2,3-Trichlorobenzene	5.7	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-5(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-06

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016743.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 12

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-5(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-07

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016744.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 9

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.5	U
74-87-3	Chloromethane	5.5	U
75-01-4	Vinyl Chloride	5.5	U
74-83-9	Bromomethane	5.5	U
75-00-3	Chloroethane	5.5	U
75-69-4	Trichlorofluoromethane	5.5	U
75-35-4	1,1-Dichloroethene	5.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.5	U
67-64-1	Acetone	12	
75-15-0	Carbon disulfide	5.5	U
79-20-9	Methyl acetate	5.5	U
75-09-2	Methylene chloride	5.5	U
156-60-5	trans-1,2-Dichloroethene	5.5	U
1634-04-4	Methyl tert-Butyl ether	5.5	U
75-34-3	1,1-Dichloroethane	5.5	U
156-59-2	cis-1,2-Dichloroethene	5.5	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.5	U
67-66-3	Chloroform	5.5	U
71-55-6	1,1,1-Trichloroethane	5.5	U
110-82-7	Cyclohexane	5.5	U
56-23-5	Carbon Tetrachloride	5.5	U
71-43-2	Benzene	9.0	
107-06-2	1,2-Dichloroethane	5.5	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-5(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-07

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016744.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 9

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	5.5	U
108-87-2	Methylcyclohexane	5.5	U
78-87-5	1,2-Dichloropropane	5.5	U
75-27-4	Bromodichloromethane	5.5	U
10061-01-5	cis-1,3-Dichloropropene	5.5	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	5.5	U
10061-02-6	trans-1,3-Dichloropropene	5.5	U
79-00-5	1,1,2-Trichloroethane	5.5	U
127-18-4	Tetrachloroethene	5.5	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.5	U
106-93-4	1,2-Dibromoethane	5.5	U
108-90-7	Chlorobenzene	5.5	U
100-41-4	Ethylbenzene	5.5	U
95-47-6	o-Xylene	5.5	U
179601-23-	m,p-Xylene	5.5	U
100-42-5	Styrene	5.5	U
75-25-2	Bromoform	5.5	U
98-82-8	Isopropylbenzene	5.5	U
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U
541-73-1	1,3-Dichlorobenzene	5.5	U
106-46-7	1,4-Dichlorobenzene	5.5	U
95-50-1	1,2-Dichlorobenzene	5.5	U
96-12-8	1,2-Dibromo-3-chloropropane	5.5	U
120-82-1	1,2,4-Trichlorobenzene	5.5	U
87-61-6	1,2,3-Trichlorobenzene	5.5	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-5(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-07

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016744.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 9.0

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-5(12-14)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-07RE

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016761.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 9

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.5	U
74-87-3	Chloromethane	5.5	U
75-01-4	Vinyl Chloride	5.5	U
74-83-9	Bromomethane	5.5	U
75-00-3	Chloroethane	5.5	U
75-69-4	Trichlorofluoromethane	5.5	U
75-35-4	1,1-Dichloroethene	5.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.5	U
67-64-1	Acetone	12	
75-15-0	Carbon disulfide	5.5	U
79-20-9	Methyl acetate	5.5	U
75-09-2	Methylene chloride	5.5	U
156-60-5	trans-1,2-Dichloroethene	5.5	U
1634-04-4	Methyl tert-Butyl ether	5.5	U
75-34-3	1,1-Dichloroethane	5.5	U
156-59-2	cis-1,2-Dichloroethene	5.5	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.5	U
67-66-3	Chloroform	5.5	U
71-55-6	1,1,1-Trichloroethane	5.5	U
110-82-7	Cyclohexane	5.5	U
56-23-5	Carbon Tetrachloride	5.5	U
71-43-2	Benzene	36	
107-06-2	1,2-Dichloroethane	5.5	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-5(12-14)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-07RE

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016761.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 9

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	5.5	U
108-87-2	Methylcyclohexane	5.5	U
78-87-5	1,2-Dichloropropane	5.5	U
75-27-4	Bromodichloromethane	5.5	U
10061-01-5	cis-1,3-Dichloropropene	5.5	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	9.8	
10061-02-6	trans-1,3-Dichloropropene	5.5	U
79-00-5	1,1,2-Trichloroethane	5.5	U
127-18-4	Tetrachloroethene	5.5	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.5	U
106-93-4	1,2-Dibromoethane	5.5	U
108-90-7	Chlorobenzene	5.5	U
100-41-4	Ethylbenzene	5.5	U
95-47-6	o-Xylene	5.5	U
179601-23-	m,p-Xylene	5.5	U
100-42-5	Styrene	5.5	U
75-25-2	Bromoform	5.5	U
98-82-8	Isopropylbenzene	5.5	U
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U
541-73-1	1,3-Dichlorobenzene	5.5	U
106-46-7	1,4-Dichlorobenzene	5.5	U
95-50-1	1,2-Dichlorobenzene	5.5	U
96-12-8	1,2-Dibromo-3-chloropropane	5.5	U
120-82-1	1,2,4-Trichlorobenzene	5.5	U
87-61-6	1,2,3-Trichlorobenzene	5.5	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-5(12-14)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-07RE

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016761.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 9.0

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-7(1-3)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL Lab Sample ID: Z1750-08

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016745.D

Level (TRACE/LOW/MED): LOW Date Received: 02/29/2008

% Moisture: not dec. 16 Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.9	U
74-87-3	Chloromethane	5.9	U
75-01-4	Vinyl Chloride	5.9	U
74-83-9	Bromomethane	5.9	U
75-00-3	Chloroethane	5.9	U
75-69-4	Trichlorofluoromethane	5.9	U
75-35-4	1,1-Dichloroethene	5.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	5.9	U
79-20-9	Methyl acetate	5.9	U
75-09-2	Methylene chloride	8.8	
156-60-5	trans-1,2-Dichloroethene	5.9	U
1634-04-4	Methyl tert-Butyl ether	5.9	U
75-34-3	1,1-Dichloroethane	5.9	U
156-59-2	cis-1,2-Dichloroethene	13	
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	5.9	U
67-66-3	Chloroform	5.9	U
71-55-6	1,1,1-Trichloroethane	18	
110-82-7	Cyclohexane	5.9	U
56-23-5	Carbon Tetrachloride	5.9	U
71-43-2	Benzene	14	
107-06-2	1,2-Dichloroethane	5.9	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-7(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-08

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016745.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 16

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	480	E
108-87-2	Methylcyclohexane	7.5	
78-87-5	1,2-Dichloropropane	5.9	U
75-27-4	Bromodichloromethane	5.9	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	12	
10061-02-6	trans-1,3-Dichloropropene	5.9	U
79-00-5	1,1,2-Trichloroethane	5.9	U
127-18-4	Tetrachloroethene	5.9	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	5.9	U
106-93-4	1,2-Dibromoethane	5.9	U
108-90-7	Chlorobenzene	5.9	U
100-41-4	Ethylbenzene	13	
95-47-6	o-Xylene	9.1	
179601-23-	m,p-Xylene	19	
100-42-5	Styrene	5.9	U
75-25-2	Bromoform	5.9	U
98-82-8	Isopropylbenzene	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U
541-73-1	1,3-Dichlorobenzene	5.9	U
106-46-7	1,4-Dichlorobenzene	5.9	U
95-50-1	1,2-Dichlorobenzene	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	5.9	U
120-82-1	1,2,4-Trichlorobenzene	5.9	U
87-61-6	1,2,3-Trichlorobenzene	5.9	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-7(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-08

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016745.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 16

Date Analyzed: 03/07/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
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23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-7(1-3)DL

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL Lab Sample ID: Z1750-08DL

Sample wt/vol: 1.00 (g/mL) g Lab File ID: VI016859.D

Level (TRACE/LOW/MED): LOW Date Received: 02/29/2008

% Moisture: not dec. 16 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	150	U
74-87-3	Chloromethane	150	U
75-01-4	Vinyl Chloride	150	U
74-83-9	Bromomethane	150	U
75-00-3	Chloroethane	150	U
75-69-4	Trichlorofluoromethane	150	U
75-35-4	1,1-Dichloroethene	150	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	150	U
67-64-1	Acetone	300	U
75-15-0	Carbon disulfide	150	U
79-20-9	Methyl acetate	150	U
75-09-2	Methylene chloride	150	U
156-60-5	trans-1,2-Dichloroethene	150	U
1634-04-4	Methyl tert-Butyl ether	150	U
75-34-3	1,1-Dichloroethane	150	U
156-59-2	cis-1,2-Dichloroethene	150	U
78-93-3	2-Butanone	300	U
74-97-5	Bromochloromethane	150	U
67-66-3	Chloroform	150	U
71-55-6	1,1,1-Trichloroethane	150	U
110-82-7	Cyclohexane	150	U
56-23-5	Carbon Tetrachloride	150	U
71-43-2	Benzene	150	U
107-06-2	1,2-Dichloroethane	150	U
123-91-1	1,4-Dioxane	3000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-7(1-3)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-08DL

Sample wt/vol: 1.00 (g/mL) g

Lab File ID: VI016859.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 16

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 5.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	2100	D
108-87-2	Methylcyclohexane	150	U
78-87-5	1,2-Dichloropropane	150	U
75-27-4	Bromodichloromethane	150	U
10061-01-5	cis-1,3-Dichloropropene	150	U
108-10-1	4-Methyl-2-pentanone	300	U
108-88-3	Toluene	150	U
10061-02-6	trans-1,3-Dichloropropene	150	U
79-00-5	1,1,2-Trichloroethane	150	U
127-18-4	Tetrachloroethene	150	U
591-78-6	2-Hexanone	300	U
124-48-1	Dibromochloromethane	150	U
106-93-4	1,2-Dibromoethane	150	U
108-90-7	Chlorobenzene	150	U
100-41-4	Ethylbenzene	150	D
95-47-6	o-Xylene	150	U
179601-23-	m,p-Xylene	230	D
100-42-5	Styrene	150	U
75-25-2	Bromoform	150	U
98-82-8	Isopropylbenzene	150	U
79-34-5	1,1,2,2-Tetrachloroethane	150	U
541-73-1	1,3-Dichlorobenzene	150	U
106-46-7	1,4-Dichlorobenzene	150	U
95-50-1	1,2-Dichlorobenzene	150	U
96-12-8	1,2-Dibromo-3-chloropropane	150	U
120-82-1	1,2,4-Trichlorobenzene	150	U
87-61-6	1,2,3-Trichlorobenzene	150	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-7(1-3)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-08DL

Sample wt/vol: 1.0 (g/mL) g

Lab File ID: VI016859.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 16

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-5(16-18)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-09

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016746.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 11

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.6	U
74-87-3	Chloromethane	5.6	U
75-01-4	Vinyl Chloride	5.6	U
74-83-9	Bromomethane	5.6	U
75-00-3	Chloroethane	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U
75-35-4	1,1-Dichloroethene	5.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U
67-64-1	Acetone	23	
75-15-0	Carbon disulfide	5.6	U
79-20-9	Methyl acetate	5.6	U
75-09-2	Methylene chloride	25	
156-60-5	trans-1,2-Dichloroethene	5.6	U
1634-04-4	Methyl tert-Butyl ether	5.6	U
75-34-3	1,1-Dichloroethane	5.6	U
156-59-2	cis-1,2-Dichloroethene	5.6	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.6	U
67-66-3	Chloroform	5.6	U
71-55-6	1,1,1-Trichloroethane	5.6	U
110-82-7	Cyclohexane	5.6	U
56-23-5	Carbon Tetrachloride	5.6	U
71-43-2	Benzene	89	
107-06-2	1,2-Dichloroethane	5.6	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-5(16-18)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-09

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016746.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 11

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	11	
108-87-2	Methylcyclohexane	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U
75-27-4	Bromodichloromethane	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	23	
10061-02-6	trans-1,3-Dichloropropene	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.6	U
106-93-4	1,2-Dibromoethane	5.6	U
108-90-7	Chlorobenzene	5.6	U
100-41-4	Ethylbenzene	11	
95-47-6	o-Xylene	5.6	U
179601-23-	m,p-Xylene	14	
100-42-5	Styrene	5.6	U
75-25-2	Bromoform	5.6	U
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U
87-61-6	1,2,3-Trichlorobenzene	5.6	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-5(16-18)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-09

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016746.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 11

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-5(16-18)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-09RE

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016765.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 11

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.6	U
74-87-3	Chloromethane	5.6	U
75-01-4	Vinyl Chloride	5.6	U
74-83-9	Bromomethane	5.6	U
75-00-3	Chloroethane	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U
75-35-4	1,1-Dichloroethene	5.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.6	U
79-20-9	Methyl acetate	5.6	U
75-09-2	Methylene chloride	5.6	U
156-60-5	trans-1,2-Dichloroethene	5.6	U
1634-04-4	Methyl tert-Butyl ether	5.6	U
75-34-3	1,1-Dichloroethane	5.6	U
156-59-2	cis-1,2-Dichloroethene	5.6	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.6	U
67-66-3	Chloroform	5.6	U
71-55-6	1,1,1-Trichloroethane	5.6	U
110-82-7	Cyclohexane	5.6	U
56-23-5	Carbon Tetrachloride	5.6	U
71-43-2	Benzene	14	
107-06-2	1,2-Dichloroethane	5.6	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-5(16-18)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-09RE

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016765.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 11

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	5.6	U
108-87-2	Methylcyclohexane	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U
75-27-4	Bromodichloromethane	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	6.3	
10061-02-6	trans-1,3-Dichloropropene	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.6	U
106-93-4	1,2-Dibromoethane	5.6	U
108-90-7	Chlorobenzene	5.6	U
100-41-4	Ethylbenzene	6.1	
95-47-6	o-Xylene	5.6	U
179601-23-	m,p-Xylene	7.2	
100-42-5	Styrene	5.6	U
75-25-2	Bromoform	5.6	U
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U
87-61-6	1,2,3-Trichlorobenzene	5.6	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-5(16-18)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-09RE

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016765.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 11

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-6(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-11

Sample wt/vol: 5.03 (g/mL) g

Lab File ID: VI016747.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 9

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.5	U
74-87-3	Chloromethane	5.5	U
75-01-4	Vinyl Chloride	5.5	U
74-83-9	Bromomethane	5.5	U
75-00-3	Chloroethane	5.5	U
75-69-4	Trichlorofluoromethane	5.5	U
75-35-4	1,1-Dichloroethene	5.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.5	U
67-64-1	Acetone	26	
75-15-0	Carbon disulfide	5.9	
79-20-9	Methyl acetate	5.5	U
75-09-2	Methylene chloride	63	
156-60-5	trans-1,2-Dichloroethene	5.5	U
1634-04-4	Methyl tert-Butyl ether	5.5	U
75-34-3	1,1-Dichloroethane	5.5	U
156-59-2	cis-1,2-Dichloroethene	6.1	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.5	U
67-66-3	Chloroform	5.5	U
71-55-6	1,1,1-Trichloroethane	5.5	U
110-82-7	Cyclohexane	5.5	U
56-23-5	Carbon Tetrachloride	5.5	U
71-43-2	Benzene	130	
107-06-2	1,2-Dichloroethane	5.5	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-6(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-11

Sample wt/vol: 5.03 (g/mL) g

Lab File ID: VI016747.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 9

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	23	
108-87-2	Methylcyclohexane	5.5	U
78-87-5	1,2-Dichloropropane	5.5	U
75-27-4	Bromodichloromethane	5.5	U
10061-01-5	cis-1,3-Dichloropropene	5.5	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	16	
10061-02-6	trans-1,3-Dichloropropene	5.5	U
79-00-5	1,1,2-Trichloroethane	5.5	U
127-18-4	Tetrachloroethene	5.5	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.5	U
106-93-4	1,2-Dibromoethane	5.5	U
108-90-7	Chlorobenzene	5.5	U
100-41-4	Ethylbenzene	5.5	U
95-47-6	o-Xylene	5.5	U
179601-23-	m,p-Xylene	5.6	
100-42-5	Styrene	5.5	U
75-25-2	Bromoform	5.5	U
98-82-8	Isopropylbenzene	5.5	U
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U
541-73-1	1,3-Dichlorobenzene	5.5	U
106-46-7	1,4-Dichlorobenzene	5.5	U
95-50-1	1,2-Dichlorobenzene	5.5	U
96-12-8	1,2-Dibromo-3-chloropropane	5.5	U
120-82-1	1,2,4-Trichlorobenzene	5.5	U
87-61-6	1,2,3-Trichlorobenzene	5.5	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-6(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-11

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016747.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 9.0

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-6(12-14)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-11RE

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016766.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 9

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.5	U
74-87-3	Chloromethane	5.5	U
75-01-4	Vinyl Chloride	5.5	U
74-83-9	Bromomethane	5.5	U
75-00-3	Chloroethane	5.5	U
75-69-4	Trichlorofluoromethane	5.5	U
75-35-4	1,1-Dichloroethene	5.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.5	U
67-64-1	Acetone	13	
75-15-0	Carbon disulfide	5.5	U
79-20-9	Methyl acetate	5.5	U
75-09-2	Methylene chloride	13	
156-60-5	trans-1,2-Dichloroethene	5.5	U
1634-04-4	Methyl tert-Butyl ether	5.5	U
75-34-3	1,1-Dichloroethane	5.5	U
156-59-2	cis-1,2-Dichloroethene	5.5	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.5	U
67-66-3	Chloroform	5.5	U
71-55-6	1,1,1-Trichloroethane	5.5	U
110-82-7	Cyclohexane	5.5	U
56-23-5	Carbon Tetrachloride	5.5	U
71-43-2	Benzene	12	
107-06-2	1,2-Dichloroethane	5.5	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-6(12-14)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-11RE

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016766.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 9

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	7.4	
108-87-2	Methylcyclohexane	5.5	U
78-87-5	1,2-Dichloropropane	5.5	U
75-27-4	Bromodichloromethane	5.5	U
10061-01-5	cis-1,3-Dichloropropene	5.5	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	5.5	U
10061-02-6	trans-1,3-Dichloropropene	5.5	U
79-00-5	1,1,2-Trichloroethane	5.5	U
127-18-4	Tetrachloroethene	5.5	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.5	U
106-93-4	1,2-Dibromoethane	5.5	U
108-90-7	Chlorobenzene	5.5	U
100-41-4	Ethylbenzene	5.5	U
95-47-6	o-Xylene	5.5	U
179601-23-	m,p-Xylene	5.5	U
100-42-5	Styrene	5.5	U
75-25-2	Bromoform	5.5	U
98-82-8	Isopropylbenzene	5.5	U
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U
541-73-1	1,3-Dichlorobenzene	5.5	U
106-46-7	1,4-Dichlorobenzene	5.5	U
95-50-1	1,2-Dichlorobenzene	5.5	U
96-12-8	1,2-Dibromo-3-chloropropane	5.5	U
120-82-1	1,2,4-Trichlorobenzene	5.5	U
87-61-6	1,2,3-Trichlorobenzene	5.5	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-6(12-14)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-11RE

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016766.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 9.0

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-4(10-12)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-15

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016748.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 13

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.7	U
74-87-3	Chloromethane	5.7	U
75-01-4	Vinyl Chloride	5.7	U
74-83-9	Bromomethane	5.7	U
75-00-3	Chloroethane	5.7	U
75-69-4	Trichlorofluoromethane	5.7	U
75-35-4	1,1-Dichloroethene	5.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.7	U
79-20-9	Methyl acetate	5.7	U
75-09-2	Methylene chloride	5.7	U
156-60-5	trans-1,2-Dichloroethene	5.7	U
1634-04-4	Methyl tert-Butyl ether	5.7	U
75-34-3	1,1-Dichloroethane	5.7	U
156-59-2	cis-1,2-Dichloroethene	23	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.7	U
67-66-3	Chloroform	5.7	U
71-55-6	1,1,1-Trichloroethane	5.7	U
110-82-7	Cyclohexane	5.7	U
56-23-5	Carbon Tetrachloride	5.7	U
71-43-2	Benzene	5.7	U
107-06-2	1,2-Dichloroethane	5.7	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-4(10-12)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-15

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016748.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 13

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	57	
108-87-2	Methylcyclohexane	5.7	U
78-87-5	1,2-Dichloropropane	5.7	U
75-27-4	Bromodichloromethane	5.7	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	5.7	U
10061-02-6	trans-1,3-Dichloropropene	5.7	U
79-00-5	1,1,2-Trichloroethane	5.7	U
127-18-4	Tetrachloroethene	5.7	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.7	U
106-93-4	1,2-Dibromoethane	5.7	U
108-90-7	Chlorobenzene	5.7	U
100-41-4	Ethylbenzene	5.7	U
95-47-6	o-Xylene	5.7	U
179601-23-	m,p-Xylene	5.7	U
100-42-5	Styrene	5.7	U
75-25-2	Bromoform	5.7	U
98-82-8	Isopropylbenzene	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U
541-73-1	1,3-Dichlorobenzene	5.7	U
106-46-7	1,4-Dichlorobenzene	5.7	U
95-50-1	1,2-Dichlorobenzene	5.7	U
96-12-8	1,2-Dibromo-3-chloropropane	5.7	U
120-82-1	1,2,4-Trichlorobenzene	5.7	U
87-61-6	1,2,3-Trichlorobenzene	5.7	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-4(10-12)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-15

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016748.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 13

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-6(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-16

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016749.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 18

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.1	U
74-87-3	Chloromethane	6.1	U
75-01-4	Vinyl Chloride	6.1	U
74-83-9	Bromomethane	6.1	U
75-00-3	Chloroethane	6.1	U
75-69-4	Trichlorofluoromethane	6.1	U
75-35-4	1,1-Dichloroethene	6.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	U
67-64-1	Acetone	42	
75-15-0	Carbon disulfide	6.1	U
79-20-9	Methyl acetate	6.1	U
75-09-2	Methylene chloride	6.1	U
156-60-5	trans-1,2-Dichloroethene	6.1	U
1634-04-4	Methyl tert-Butyl ether	6.1	U
75-34-3	1,1-Dichloroethane	6.1	U
156-59-2	cis-1,2-Dichloroethene	6.1	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.1	U
67-66-3	Chloroform	6.1	U
71-55-6	1,1,1-Trichloroethane	6.1	U
110-82-7	Cyclohexane	6.1	U
56-23-5	Carbon Tetrachloride	6.1	U
71-43-2	Benzene	6.1	U
107-06-2	1,2-Dichloroethane	6.1	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-6(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-16

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016749.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 18

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	6.1	U
108-87-2	Methylcyclohexane	6.1	U
78-87-5	1,2-Dichloropropane	6.1	U
75-27-4	Bromodichloromethane	6.1	U
10061-01-5	cis-1,3-Dichloropropene	6.1	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	6.1	U
10061-02-6	trans-1,3-Dichloropropene	6.1	U
79-00-5	1,1,2-Trichloroethane	6.1	U
127-18-4	Tetrachloroethene	6.1	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.1	U
106-93-4	1,2-Dibromoethane	6.1	U
108-90-7	Chlorobenzene	6.1	U
100-41-4	Ethylbenzene	6.1	U
95-47-6	o-Xylene	6.1	U
179601-23-	m,p-Xylene	6.1	U
100-42-5	Styrene	6.1	U
75-25-2	Bromoform	6.1	U
98-82-8	Isopropylbenzene	6.1	U
79-34-5	1,1,2,2-Tetrachloroethane	6.1	U
541-73-1	1,3-Dichlorobenzene	6.1	U
106-46-7	1,4-Dichlorobenzene	6.1	U
95-50-1	1,2-Dichlorobenzene	6.1	U
96-12-8	1,2-Dibromo-3-chloropropane	6.1	U
120-82-1	1,2,4-Trichlorobenzene	6.1	U
87-61-6	1,2,3-Trichlorobenzene	6.1	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-6(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-16

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016749.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 18

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-1(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-17

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016750.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 39

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	8.2	U
74-87-3	Chloromethane	8.2	U
75-01-4	Vinyl Chloride	8.2	U
74-83-9	Bromomethane	8.2	U
75-00-3	Chloroethane	8.2	U
75-69-4	Trichlorofluoromethane	8.2	U
75-35-4	1,1-Dichloroethene	8.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	8.2	U
67-64-1	Acetone	64	
75-15-0	Carbon disulfide	8.2	U
79-20-9	Methyl acetate	8.2	U
75-09-2	Methylene chloride	8.2	U
156-60-5	trans-1,2-Dichloroethene	8.2	U
1634-04-4	Methyl tert-Butyl ether	8.2	U
75-34-3	1,1-Dichloroethane	8.2	U
156-59-2	cis-1,2-Dichloroethene	8.2	U
78-93-3	2-Butanone	16	U
74-97-5	Bromochloromethane	8.2	U
67-66-3	Chloroform	8.2	U
71-55-6	1,1,1-Trichloroethane	8.2	U
110-82-7	Cyclohexane	8.2	U
56-23-5	Carbon Tetrachloride	8.2	U
71-43-2	Benzene	13	
107-06-2	1,2-Dichloroethane	8.2	U
123-91-1	1,4-Dioxane	160	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-1(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-17

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016750.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 39

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	27	
108-87-2	Methylcyclohexane	8.2	U
78-87-5	1,2-Dichloropropane	8.2	U
75-27-4	Bromodichloromethane	8.2	U
10061-01-5	cis-1,3-Dichloropropene	8.2	U
108-10-1	4-Methyl-2-pentanone	16	U
108-88-3	Toluene	8.2	U
10061-02-6	trans-1,3-Dichloropropene	8.2	U
79-00-5	1,1,2-Trichloroethane	8.2	U
127-18-4	Tetrachloroethene	8.2	U
591-78-6	2-Hexanone	16	U
124-48-1	Dibromochloromethane	8.2	U
106-93-4	1,2-Dibromoethane	8.2	U
108-90-7	Chlorobenzene	8.2	U
100-41-4	Ethylbenzene	8.2	U
95-47-6	o-Xylene	8.2	U
179601-23-	m,p-Xylene	8.7	
100-42-5	Styrene	8.2	U
75-25-2	Bromoform	8.2	U
98-82-8	Isopropylbenzene	8.2	U
79-34-5	1,1,2,2-Tetrachloroethane	8.2	U
541-73-1	1,3-Dichlorobenzene	8.2	U
106-46-7	1,4-Dichlorobenzene	8.2	U
95-50-1	1,2-Dichlorobenzene	8.2	U
96-12-8	1,2-Dibromo-3-chloropropane	8.2	U
120-82-1	1,2,4-Trichlorobenzene	8.2	U
87-61-6	1,2,3-Trichlorobenzene	8.2	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-1(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-17

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016750.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 39

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-1(1-3)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-17RE

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016767.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 39

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	8.2	U
74-87-3	Chloromethane	8.2	U
75-01-4	Vinyl Chloride	8.2	U
74-83-9	Bromomethane	8.2	U
75-00-3	Chloroethane	8.2	U
75-69-4	Trichlorofluoromethane	8.2	U
75-35-4	1,1-Dichloroethene	8.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	8.2	U
67-64-1	Acetone	33	
75-15-0	Carbon disulfide	8.2	U
79-20-9	Methyl acetate	8.2	U
75-09-2	Methylene chloride	8.2	U
156-60-5	trans-1,2-Dichloroethene	8.2	U
1634-04-4	Methyl tert-Butyl ether	8.2	U
75-34-3	1,1-Dichloroethane	8.2	U
156-59-2	cis-1,2-Dichloroethene	8.2	U
78-93-3	2-Butanone	16	U
74-97-5	Bromochloromethane	8.2	U
67-66-3	Chloroform	8.2	U
71-55-6	1,1,1-Trichloroethane	8.2	U
110-82-7	Cyclohexane	8.2	U
56-23-5	Carbon Tetrachloride	8.2	U
71-43-2	Benzene	15	
107-06-2	1,2-Dichloroethane	8.2	U
123-91-1	1,4-Dioxane	160	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-1(1-3)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-17RE

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016767.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 39

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	36	
108-87-2	Methylcyclohexane	8.2	U
78-87-5	1,2-Dichloropropane	8.2	U
75-27-4	Bromodichloromethane	8.2	U
10061-01-5	cis-1,3-Dichloropropene	8.2	U
108-10-1	4-Methyl-2-pentanone	16	U
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	8.2	U
79-00-5	1,1,2-Trichloroethane	8.2	U
127-18-4	Tetrachloroethene	8.2	U
591-78-6	2-Hexanone	16	U
124-48-1	Dibromochloromethane	8.2	U
106-93-4	1,2-Dibromoethane	8.2	U
108-90-7	Chlorobenzene	8.2	U
100-41-4	Ethylbenzene	15	
95-47-6	o-Xylene	9.9	
179601-23-	m,p-Xylene	20	
100-42-5	Styrene	8.2	U
75-25-2	Bromoform	8.2	U
98-82-8	Isopropylbenzene	8.2	U
79-34-5	1,1,2,2-Tetrachloroethane	8.2	U
541-73-1	1,3-Dichlorobenzene	8.2	U
106-46-7	1,4-Dichlorobenzene	8.2	U
95-50-1	1,2-Dichlorobenzene	8.2	U
96-12-8	1,2-Dibromo-3-chloropropane	8.2	U
120-82-1	1,2,4-Trichlorobenzene	8.2	U
87-61-6	1,2,3-Trichlorobenzene	8.2	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-1(1-3)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-17RE

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016767.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 39

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-7(5.5-7.5)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL Lab Sample ID: Z1750-18

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016751.D

Level (TRACE/LOW/MED): LOW Date Received: 02/29/2008

% Moisture: not dec. 22 Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.4	U
74-87-3	Chloromethane	6.4	U
75-01-4	Vinyl Chloride	6.4	U
74-83-9	Bromomethane	6.4	U
75-00-3	Chloroethane	6.4	U
75-69-4	Trichlorofluoromethane	6.4	U
75-35-4	1,1-Dichloroethene	6.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.4	U
67-64-1	Acetone	20	
75-15-0	Carbon disulfide	6.4	U
79-20-9	Methyl acetate	6.4	U
75-09-2	Methylene chloride	6.4	U
156-60-5	trans-1,2-Dichloroethene	6.4	U
1634-04-4	Methyl tert-Butyl ether	6.4	U
75-34-3	1,1-Dichloroethane	6.8	
156-59-2	cis-1,2-Dichloroethene	640	E
78-93-3	2-Butanone	13	U
74-97-5	Bromochloromethane	6.4	U
67-66-3	Chloroform	6.4	U
71-55-6	1,1,1-Trichloroethane	6.4	U
110-82-7	Cyclohexane	6.4	U
56-23-5	Carbon Tetrachloride	6.4	U
71-43-2	Benzene	6.4	U
107-06-2	1,2-Dichloroethane	6.4	U
123-91-1	1,4-Dioxane	130	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-7(5.5-7.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-18

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016751.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 22

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	650	E
108-87-2	Methylcyclohexane	9.2	
78-87-5	1,2-Dichloropropane	6.4	U
75-27-4	Bromodichloromethane	6.4	U
10061-01-5	cis-1,3-Dichloropropene	6.4	U
108-10-1	4-Methyl-2-pentanone	13	U
108-88-3	Toluene	6.4	U
10061-02-6	trans-1,3-Dichloropropene	6.4	U
79-00-5	1,1,2-Trichloroethane	6.4	U
127-18-4	Tetrachloroethene	6.4	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	6.4	U
106-93-4	1,2-Dibromoethane	6.4	U
108-90-7	Chlorobenzene	6.4	U
100-41-4	Ethylbenzene	6.4	U
95-47-6	o-Xylene	6.4	U
179601-23-	m,p-Xylene	6.4	U
100-42-5	Styrene	6.4	U
75-25-2	Bromoform	6.4	U
98-82-8	Isopropylbenzene	6.4	U
79-34-5	1,1,2,2-Tetrachloroethane	6.4	U
541-73-1	1,3-Dichlorobenzene	6.4	U
106-46-7	1,4-Dichlorobenzene	6.4	U
95-50-1	1,2-Dichlorobenzene	6.4	U
96-12-8	1,2-Dibromo-3-chloropropane	6.4	U
120-82-1	1,2,4-Trichlorobenzene	6.4	U
87-61-6	1,2,3-Trichlorobenzene	6.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-7(5.5-7.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-18

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016751.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 22

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-7(5.5-7.5)DL

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL Lab Sample ID: Z1750-18DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007810.D

Level (TRACE/LOW/MED): MED Date Received: 02/29/2008

% Moisture: not dec. 22 Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>		Q
75-71-8	Dichlorodifluoromethane	390		U
74-87-3	Chloromethane	390		U
75-01-4	Vinyl Chloride	390		U
74-83-9	Bromomethane	390		U
75-00-3	Chloroethane	390		U
75-69-4	Trichlorofluoromethane	390		U
75-35-4	1,1-Dichloroethene	390		U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	390		U
67-64-1	Acetone	300		JD
75-15-0	Carbon disulfide	390		U
79-20-9	Methyl acetate	390		U
75-09-2	Methylene chloride	390		U
156-60-5	trans-1,2-Dichloroethene	390		U
1634-04-4	Methyl tert-Butyl ether	390		U
75-34-3	1,1-Dichloroethane	390		U
156-59-2	cis-1,2-Dichloroethene	1400		D
78-93-3	2-Butanone	780		U
74-97-5	Bromochloromethane	390		U
67-66-3	Chloroform	390		U
71-55-6	1,1,1-Trichloroethane	390		U
110-82-7	Cyclohexane	390		U
56-23-5	Carbon Tetrachloride	390		U
71-43-2	Benzene	390		U
107-06-2	1,2-Dichloroethane	390		U
123-91-1	1,4-Dioxane	240		JDB

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-7(5.5-7.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-18DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007810.D

Level (TRACE/LOW/MED): MED

Date Received: 02/29/2008

% Moisture: not dec. 22

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	2900	D
108-87-2	Methylcyclohexane	390	U
78-87-5	1,2-Dichloropropane	390	U
75-27-4	Bromodichloromethane	390	U
10061-01-5	cis-1,3-Dichloropropene	390	U
108-10-1	4-Methyl-2-pentanone	780	U
108-88-3	Toluene	390	U
10061-02-6	trans-1,3-Dichloropropene	390	U
79-00-5	1,1,2-Trichloroethane	390	U
127-18-4	Tetrachloroethene	390	U
591-78-6	2-Hexanone	780	U
124-48-1	Dibromochloromethane	390	U
106-93-4	1,2-Dibromoethane	390	U
108-90-7	Chlorobenzene	390	U
100-41-4	Ethylbenzene	390	U
95-47-6	o-Xylene	390	U
179601-23-	m,p-Xylene	390	U
100-42-5	Styrene	390	U
75-25-2	Bromoform	390	U
98-82-8	Isopropylbenzene	390	U
79-34-5	1,1,2,2-Tetrachloroethane	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
96-12-8	1,2-Dibromo-3-chloropropane	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
87-61-6	1,2,3-Trichlorobenzene	390	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-7(5.5-7.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-18DL

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VE007810.D

Level: (TRACE or LOW/MED) MED

Date Received: 02/29/2008

% Moisture: not dec. 22

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-2(6-7.5)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL Lab Sample ID: Z1750-19

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016752.D

Level (TRACE/LOW/MED): LOW Date Received: 02/29/2008

% Moisture: not dec. 16 Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.9	U
74-87-3	Chloromethane	5.9	U
75-01-4	Vinyl Chloride	5.9	U
74-83-9	Bromomethane	5.9	U
75-00-3	Chloroethane	5.9	U
75-69-4	Trichlorofluoromethane	5.9	U
75-35-4	1,1-Dichloroethene	5.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U
67-64-1	Acetone	35	
75-15-0	Carbon disulfide	5.9	U
79-20-9	Methyl acetate	5.9	U
75-09-2	Methylene chloride	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.9	U
1634-04-4	Methyl tert-Butyl ether	5.9	U
75-34-3	1,1-Dichloroethane	5.9	U
156-59-2	cis-1,2-Dichloroethene	5.9	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	5.9	U
67-66-3	Chloroform	5.9	U
71-55-6	1,1,1-Trichloroethane	5.9	U
110-82-7	Cyclohexane	5.9	U
56-23-5	Carbon Tetrachloride	5.9	U
71-43-2	Benzene	5.9	U
107-06-2	1,2-Dichloroethane	5.9	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-2(6-7.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-19

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016752.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 16

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	5.9	U
108-87-2	Methylcyclohexane	5.9	U
78-87-5	1,2-Dichloropropane	5.9	U
75-27-4	Bromodichloromethane	5.9	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	5.9	U
10061-02-6	trans-1,3-Dichloropropene	5.9	U
79-00-5	1,1,2-Trichloroethane	5.9	U
127-18-4	Tetrachloroethene	5.9	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	5.9	U
106-93-4	1,2-Dibromoethane	5.9	U
108-90-7	Chlorobenzene	5.9	U
100-41-4	Ethylbenzene	5.9	U
95-47-6	o-Xylene	5.9	U
179601-23-	m,p-Xylene	5.9	U
100-42-5	Styrene	5.9	U
75-25-2	Bromoform	5.9	U
98-82-8	Isopropylbenzene	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U
541-73-1	1,3-Dichlorobenzene	5.9	U
106-46-7	1,4-Dichlorobenzene	5.9	U
95-50-1	1,2-Dichlorobenzene	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	5.9	U
120-82-1	1,2,4-Trichlorobenzene	5.9	U
87-61-6	1,2,3-Trichlorobenzene	5.9	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-2(6-7.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-19

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016752.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 16

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-7(10-12.5)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL Lab Sample ID: Z1750-20

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016759.D

Level (TRACE/LOW/MED): LOW Date Received: 02/29/2008

% Moisture: not dec. 6 Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	240	E
74-87-3	Chloromethane	5.3	U
75-01-4	Vinyl Chloride	5.3	U
74-83-9	Bromomethane	5.3	U
75-00-3	Chloroethane	5.3	U
75-69-4	Trichlorofluoromethane	5.3	U
75-35-4	1,1-Dichloroethene	5.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.3	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.3	U
79-20-9	Methyl acetate	5.3	U
75-09-2	Methylene chloride	110	
156-60-5	trans-1,2-Dichloroethene	5.3	U
1634-04-4	Methyl tert-Butyl ether	5.3	U
75-34-3	1,1-Dichloroethane	5.3	U
156-59-2	cis-1,2-Dichloroethene	21	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.3	U
67-66-3	Chloroform	5.3	U
71-55-6	1,1,1-Trichloroethane	5.3	U
110-82-7	Cyclohexane	5.3	U
56-23-5	Carbon Tetrachloride	5.3	U
71-43-2	Benzene	180	
107-06-2	1,2-Dichloroethane	5.3	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-7(10-12.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-20

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016759.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 6

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	49	
108-87-2	Methylcyclohexane	6.2	
78-87-5	1,2-Dichloropropane	5.3	U
75-27-4	Bromodichloromethane	5.3	U
10061-01-5	cis-1,3-Dichloropropene	5.3	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	27	
10061-02-6	trans-1,3-Dichloropropene	5.3	U
79-00-5	1,1,2-Trichloroethane	5.3	U
127-18-4	Tetrachloroethene	5.3	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.3	U
106-93-4	1,2-Dibromoethane	5.3	U
108-90-7	Chlorobenzene	5.3	U
100-41-4	Ethylbenzene	9.8	
95-47-6	o-Xylene	5.3	U
179601-23-	m,p-Xylene	7.7	
100-42-5	Styrene	5.3	U
75-25-2	Bromoform	5.3	U
98-82-8	Isopropylbenzene	5.3	U
79-34-5	1,1,2,2-Tetrachloroethane	5.3	U
541-73-1	1,3-Dichlorobenzene	5.3	U
106-46-7	1,4-Dichlorobenzene	5.3	U
95-50-1	1,2-Dichlorobenzene	5.3	U
96-12-8	1,2-Dibromo-3-chloropropane	5.3	U
120-82-1	1,2,4-Trichlorobenzene	5.3	U
87-61-6	1,2,3-Trichlorobenzene	5.3	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-7(10-12.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-20

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016759.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 6.0

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-7(10-12.5)RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL Lab Sample ID: Z1750-20RE

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016768.D

Level (TRACE/LOW/MED): LOW Date Received: 02/29/2008

% Moisture: not dec. 6 Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	150	
74-87-3	Chloromethane	5.3	U
75-01-4	Vinyl Chloride	5.3	U
74-83-9	Bromomethane	5.3	U
75-00-3	Chloroethane	5.3	U
75-69-4	Trichlorofluoromethane	5.3	U
75-35-4	1,1-Dichloroethene	5.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.3	U
67-64-1	Acetone	21	
75-15-0	Carbon disulfide	5.3	U
79-20-9	Methyl acetate	5.3	U
75-09-2	Methylene chloride	100	
156-60-5	trans-1,2-Dichloroethene	5.3	U
1634-04-4	Methyl tert-Butyl ether	5.3	U
75-34-3	1,1-Dichloroethane	5.3	U
156-59-2	cis-1,2-Dichloroethene	21	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.3	U
67-66-3	Chloroform	5.3	U
71-55-6	1,1,1-Trichloroethane	5.3	U
110-82-7	Cyclohexane	5.3	U
56-23-5	Carbon Tetrachloride	5.3	U
71-43-2	Benzene	110	
107-06-2	1,2-Dichloroethane	5.3	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-7(10-12.5)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-20RE

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016768.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 6

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	45	
108-87-2	Methylcyclohexane	5.3	U
78-87-5	1,2-Dichloropropane	5.3	U
75-27-4	Bromodichloromethane	5.3	U
10061-01-5	cis-1,3-Dichloropropene	5.3	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	13	
10061-02-6	trans-1,3-Dichloropropene	5.3	U
79-00-5	1,1,2-Trichloroethane	5.3	U
127-18-4	Tetrachloroethene	5.3	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.3	U
106-93-4	1,2-Dibromoethane	5.3	U
108-90-7	Chlorobenzene	5.3	U
100-41-4	Ethylbenzene	5.3	U
95-47-6	o-Xylene	5.3	U
179601-23-	m,p-Xylene	5.3	U
100-42-5	Styrene	5.3	U
75-25-2	Bromoform	5.3	U
98-82-8	Isopropylbenzene	5.3	U
79-34-5	1,1,2,2-Tetrachloroethane	5.3	U
541-73-1	1,3-Dichlorobenzene	5.3	U
106-46-7	1,4-Dichlorobenzene	5.3	U
95-50-1	1,2-Dichlorobenzene	5.3	U
96-12-8	1,2-Dibromo-3-chloropropane	5.3	U
120-82-1	1,2,4-Trichlorobenzene	5.3	U
87-61-6	1,2,3-Trichlorobenzene	5.3	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-7(10-12.5)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-20RE

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016768.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 6.0

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-1

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-21

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016760.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 20

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.2	U
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
75-35-4	1,1-Dichloroethene	6.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U
67-64-1	Acetone	28	
75-15-0	Carbon disulfide	6.2	U
79-20-9	Methyl acetate	6.2	U
75-09-2	Methylene chloride	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.2	U
1634-04-4	Methyl tert-Butyl ether	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
156-59-2	cis-1,2-Dichloroethene	6.2	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	6.2	U
110-82-7	Cyclohexane	6.2	U
56-23-5	Carbon Tetrachloride	6.2	U
71-43-2	Benzene	6.2	U
107-06-2	1,2-Dichloroethane	6.2	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-1

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-21

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016760.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 20

Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	6.2	U
108-87-2	Methylcyclohexane	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	6.2	U
10061-02-6	trans-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
127-18-4	Tetrachloroethene	6.2	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethylbenzene	6.2	U
95-47-6	o-Xylene	6.2	U
179601-23-	m,p-Xylene	6.2	U
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U
87-61-6	1,2,3-Trichlorobenzene	6.2	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP-1

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1750-21

Sample wt/vol: 5.0 (g/mL) g Lab File ID: VI016760.D

Level: (TRACE or LOW/MED) LOW Date Received: 02/29/2008

% Moisture: not dec. 20 Date Analyzed: 03/08/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-2-28-08

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-22

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016833.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 0.0

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-Butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-2-28-08

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-22

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016833.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 0.0

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB-2-28-08

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-22

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016833.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 0.0

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		unknown8.15	8.15	7.1	J
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-2-28-08

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL Lab Sample ID: Z1750-23

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016834.D

Level (TRACE/LOW/MED): LOW Date Received: 02/29/2008

% Moisture: not dec. 0.0 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-Butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-2-28-08

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750

Mod. Ref No.: Z1750 SDG ETB-3(13-14)

Matrix SOIL

Lab Sample ID: Z1750-23

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016834.D

Level (TRACE/LOW/MED): LOW

Date Received: 02/29/2008

% Moisture: not dec. 0.0

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB-2-28-08

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1750 Mod. Ref No.: Z1750 SDG No.: ETB-3(13-14)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1750-23

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016834.D

Level: (TRACE or LOW/MED) LOW

Date Received: 02/29/2008

% Moisture: not dec. 0.0

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		unknown8.15	8.15	8.2	J
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

Summary Sheet
SW-846

SDG No.: ETB-3(13-14)

Order ID: Z1750

Client: Earth Tech, Inc.

Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	DUP-1							
Z1750-21	DUP-1	SOIL	Acetone	28		12	12	ug/Kg
			Total VOC's:	28.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	28.00				
Client ID:	ETB-1(1-3)							
Z1750-17	ETB-1(1-3)	SOIL	Acetone	64		16	16	ug/Kg
Z1750-17	ETB-1(1-3)	SOIL	Benzene	13		8.2	8.2	ug/Kg
Z1750-17	ETB-1(1-3)	SOIL	Trichloroethene	27		8.2	8.2	ug/Kg
Z1750-17	ETB-1(1-3)	SOIL	m,p-Xylene	8.7		8.2	8.2	ug/Kg
			Total VOC's:	112.70				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	112.70				
Client ID:	ETB-1(1-3)RE							
Z1750-17RE	ETB-1(1-3)RE	SOIL	Acetone	33		16	16	ug/Kg
Z1750-17RE	ETB-1(1-3)RE	SOIL	Benzene	15		8.2	8.2	ug/Kg
Z1750-17RE	ETB-1(1-3)RE	SOIL	Trichloroethene	36		8.2	8.2	ug/Kg
Z1750-17RE	ETB-1(1-3)RE	SOIL	Toluene	10		8.2	8.2	ug/Kg
Z1750-17RE	ETB-1(1-3)RE	SOIL	Ethylbenzene	15		8.2	8.2	ug/Kg
Z1750-17RE	ETB-1(1-3)RE	SOIL	o-Xylene	9.9		8.2	8.2	ug/Kg
Z1750-17RE	ETB-1(1-3)RE	SOIL	m,p-Xylene	20		8.2	8.2	ug/Kg
			Total VOC's:	138.90				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	138.90				
Client ID:	ETB-1(13-14)							
Z1750-04	ETB-1(13-14)	SOIL	Methylene chloride	8.7		5.4	5.4	ug/Kg
Z1750-04	ETB-1(13-14)	SOIL	Benzene	13		5.4	5.4	ug/Kg
Z1750-04	ETB-1(13-14)	SOIL	Trichloroethene	6.5		5.4	5.4	ug/Kg
Z1750-04	ETB-1(13-14)	SOIL	Toluene	6.8		5.4	5.4	ug/Kg
			Total VOC's:	35.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	35.00				

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

Summary Sheet
SW-846

SDG No.: ETB-3(13-14)

Order ID: Z1750

Client: Earth Tech, Inc.

Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-1(13-14)RE							
Z1750-04RE	ETB-1(13-14)RE	SOIL	Methylene chloride	19		5.4	5.4	ug/Kg
Z1750-04RE	ETB-1(13-14)RE	SOIL	Benzene	130		5.4	5.4	ug/Kg
Z1750-04RE	ETB-1(13-14)RE	SOIL	Trichloroethene	16		5.4	5.4	ug/Kg
Z1750-04RE	ETB-1(13-14)RE	SOIL	Toluene	26		5.4	5.4	ug/Kg
Z1750-04RE	ETB-1(13-14)RE	SOIL	Ethylbenzene	7.8		5.4	5.4	ug/Kg
Z1750-04RE	ETB-1(13-14)RE	SOIL	m,p-Xylene	7.4		5.4	5.4	ug/Kg
Total VOC's:				206.20				
Total TIC's:				0.00				
Total VOC's and TIC's:				206.20				
Client ID:	ETB-2(2-3)							
Z1750-05	ETB-2(2-3)	SOIL	cis-1,2-Dichloroethene	240		7.3	7.3	ug/Kg
Z1750-05	ETB-2(2-3)	SOIL	Benzene	16		7.3	7.3	ug/Kg
Z1750-05	ETB-2(2-3)	SOIL	Trichloroethene	560	E	7.3	7.3	ug/Kg
Z1750-05	ETB-2(2-3)	SOIL	Methylcyclohexane	8.2		7.3	7.3	ug/Kg
Z1750-05	ETB-2(2-3)	SOIL	Toluene	9.4		7.3	7.3	ug/Kg
Z1750-05	ETB-2(2-3)	SOIL	Ethylbenzene	9.9		7.3	7.3	ug/Kg
Z1750-05	ETB-2(2-3)	SOIL	m,p-Xylene	12		7.3	7.3	ug/Kg
Total VOC's:				855.50				
Total TIC's:				0.00				
Total VOC's and TIC's:				855.50				
Client ID:	ETB-2(2-3)DL							
Z1750-05DL	ETB-2(2-3)DL	SOIL	cis-1,2-Dichloroethene	720	D	180	180	ug/Kg
Z1750-05DL	ETB-2(2-3)DL	SOIL	Trichloroethene	1600	D	180	180	ug/Kg
Total VOC's:				2320.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				2320.00				
Client ID:	ETB-2(6-7.5)							
Z1750-19	ETB-2(6-7.5)	SOIL	Acetone	35		12	12	ug/Kg
Total VOC's:				35.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				35.00				

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

Summary Sheet
SW-846

SDG No.:	ETB-3(13-14)			Order ID:	Z1750			
Client:	Earth Tech, Inc.			Project ID:	EART04			
Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-3(13-14)							
Z1750-01	ETB-3(13-14)	SOIL	Acetone	11		11	11	ug/Kg
Z1750-01	ETB-3(13-14)	SOIL	Methylene chloride	25		5.4	5.4	ug/Kg
Z1750-01	ETB-3(13-14)	SOIL	Benzene	110		5.4	5.4	ug/Kg
Z1750-01	ETB-3(13-14)	SOIL	Trichloroethene	16		5.4	5.4	ug/Kg
Z1750-01	ETB-3(13-14)	SOIL	Toluene	33		5.4	5.4	ug/Kg
Z1750-01	ETB-3(13-14)	SOIL	Ethylbenzene	12		5.4	5.4	ug/Kg
Z1750-01	ETB-3(13-14)	SOIL	m,p-Xylene	11		5.4	5.4	ug/Kg
			Total VOC's:	218.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	218.00				
Client ID:	ETB-3(13-14)RE							
Z1750-01RE	ETB-3(13-14)RE	SOIL	Acetone	12		11	11	ug/Kg
Z1750-01RE	ETB-3(13-14)RE	SOIL	Methylene chloride	17		5.4	5.4	ug/Kg
Z1750-01RE	ETB-3(13-14)RE	SOIL	Benzene	67		5.4	5.4	ug/Kg
Z1750-01RE	ETB-3(13-14)RE	SOIL	Trichloroethene	12		5.4	5.4	ug/Kg
Z1750-01RE	ETB-3(13-14)RE	SOIL	Toluene	21		5.4	5.4	ug/Kg
Z1750-01RE	ETB-3(13-14)RE	SOIL	Ethylbenzene	8.1		5.4	5.4	ug/Kg
Z1750-01RE	ETB-3(13-14)RE	SOIL	o-Xylene	5.4		5.4	5.4	ug/Kg
Z1750-01RE	ETB-3(13-14)RE	SOIL	m,p-Xylene	8.9		5.4	5.4	ug/Kg
			Total VOC's:	151.40				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	151.40				
Client ID:	ETB-3(6-7)							
Z1750-02	ETB-3(6-7)	SOIL	Acetone	30		12	12	ug/Kg
			Total VOC's:	30.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	30.00				
Client ID:	ETB-4(10-12)							
Z1750-15	ETB-4(10-12)	SOIL	cis-1,2-Dichloroethene	23		5.7	5.7	ug/Kg
Z1750-15	ETB-4(10-12)	SOIL	Trichloroethene	57		5.7	5.7	ug/Kg
			Total VOC's:	80.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	80.00				

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

Summary Sheet
SW-846

SDG No.: ETB-3(13-14)
Client: Earth Tech, Inc.

Order ID: Z1750
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-5(12-14)							
Z1750-07	ETB-5(12-14)	SOIL	Acetone	12		11	11	ug/Kg
Z1750-07	ETB-5(12-14)	SOIL	Benzene	9.0		5.5	5.5	ug/Kg
			Total VOC's:	21.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	21.00				
Client ID:	ETB-5(12-14)RE							
Z1750-07RE	ETB-5(12-14)RE	SOIL	Acetone	12		11	11	ug/Kg
Z1750-07RE	ETB-5(12-14)RE	SOIL	Benzene	36		5.5	5.5	ug/Kg
Z1750-07RE	ETB-5(12-14)RE	SOIL	Toluene	9.8		5.5	5.5	ug/Kg
			Total VOC's:	57.80				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	57.80				
Client ID:	ETB-5(16-18)							
Z1750-09	ETB-5(16-18)	SOIL	Acetone	23		11	11	ug/Kg
Z1750-09	ETB-5(16-18)	SOIL	Methylene chloride	25		5.6	5.6	ug/Kg
Z1750-09	ETB-5(16-18)	SOIL	Benzene	89		5.6	5.6	ug/Kg
Z1750-09	ETB-5(16-18)	SOIL	Trichloroethene	11		5.6	5.6	ug/Kg
Z1750-09	ETB-5(16-18)	SOIL	Toluene	23		5.6	5.6	ug/Kg
Z1750-09	ETB-5(16-18)	SOIL	Ethylbenzene	11		5.6	5.6	ug/Kg
Z1750-09	ETB-5(16-18)	SOIL	m,p-Xylene	14		5.6	5.6	ug/Kg
			Total VOC's:	196.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	196.00				
Client ID:	ETB-5(16-18)RE							
Z1750-09RE	ETB-5(16-18)RE	SOIL	Benzene	14		5.6	5.6	ug/Kg
Z1750-09RE	ETB-5(16-18)RE	SOIL	Toluene	6.3		5.6	5.6	ug/Kg
Z1750-09RE	ETB-5(16-18)RE	SOIL	Ethylbenzene	6.1		5.6	5.6	ug/Kg
Z1750-09RE	ETB-5(16-18)RE	SOIL	m,p-Xylene	7.2		5.6	5.6	ug/Kg
			Total VOC's:	33.60				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	33.60				
Client ID:	ETB-5(6-8)							
Z1750-06	ETB-5(6-8)	SOIL	cis-1,2-Dichloroethene	11		5.7	5.7	ug/Kg
Z1750-06	ETB-5(6-8)	SOIL	Trichloroethene	27		5.7	5.7	ug/Kg
			Total VOC's:	38.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	38.00				

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

Summary Sheet
SW-846

SDG No.: ETB-3(13-14)
Client: Earth Tech, Inc.

Order ID: Z1750
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-6(12-14)							
Z1750-11	ETB-6(12-14)	SOIL	Acetone	26		11	11	ug/Kg
Z1750-11	ETB-6(12-14)	SOIL	Carbon disulfide	5.9		5.5	5.5	ug/Kg
Z1750-11	ETB-6(12-14)	SOIL	Methylene chloride	63		5.5	5.5	ug/Kg
Z1750-11	ETB-6(12-14)	SOIL	cis-1,2-Dichloroethene	6.1		5.5	5.5	ug/Kg
Z1750-11	ETB-6(12-14)	SOIL	Benzene	130		5.5	5.5	ug/Kg
Z1750-11	ETB-6(12-14)	SOIL	Trichloroethene	23		5.5	5.5	ug/Kg
Z1750-11	ETB-6(12-14)	SOIL	Toluene	16		5.5	5.5	ug/Kg
Z1750-11	ETB-6(12-14)	SOIL	m,p-Xylene	5.6		5.5	5.5	ug/Kg
Total VOC's:				275.60				
Total TIC's:				0.00				
Total VOC's and TIC's:				275.60				
Client ID:	ETB-6(12-14)RE							
Z1750-11RE	ETB-6(12-14)RE	SOIL	Acetone	13		11	11	ug/Kg
Z1750-11RE	ETB-6(12-14)RE	SOIL	Methylene chloride	13		5.5	5.5	ug/Kg
Z1750-11RE	ETB-6(12-14)RE	SOIL	Benzene	12		5.5	5.5	ug/Kg
Z1750-11RE	ETB-6(12-14)RE	SOIL	Trichloroethene	7.4		5.5	5.5	ug/Kg
Total VOC's:				45.40				
Total TIC's:				0.00				
Total VOC's and TIC's:				45.40				
Client ID:	ETB-6(6-8)							
Z1750-16	ETB-6(6-8)	SOIL	Acetone	42		12	12	ug/Kg
Total VOC's:				42.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				42.00				
Client ID:	ETB-7(10-12.5)							
Z1750-20	ETB-7(10-12.5)	SOIL	Dichlorodifluoromethane	240	E	5.3	5.3	ug/Kg
Z1750-20	ETB-7(10-12.5)	SOIL	Methylene chloride	110		5.3	5.3	ug/Kg
Z1750-20	ETB-7(10-12.5)	SOIL	cis-1,2-Dichloroethene	21		5.3	5.3	ug/Kg
Z1750-20	ETB-7(10-12.5)	SOIL	Benzene	180		5.3	5.3	ug/Kg
Z1750-20	ETB-7(10-12.5)	SOIL	Trichloroethene	49		5.3	5.3	ug/Kg
Z1750-20	ETB-7(10-12.5)	SOIL	Methylcyclohexane	6.2		5.3	5.3	ug/Kg
Z1750-20	ETB-7(10-12.5)	SOIL	Toluene	27		5.3	5.3	ug/Kg
Z1750-20	ETB-7(10-12.5)	SOIL	Ethylbenzene	9.8		5.3	5.3	ug/Kg
Z1750-20	ETB-7(10-12.5)	SOIL	m,p-Xylene	7.7		5.3	5.3	ug/Kg
Total VOC's:				650.70				
Total TIC's:				0.00				
Total VOC's and TIC's:				650.70				

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

Summary Sheet
SW-846

SDG No.: ETB-3(13-14)

Order ID: Z1750

Client: Earth Tech, Inc.

Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-7(10-12.5)RE							
Z1750-20RE	ETB-7(10-12.5)RE	SOIL	Dichlorodifluoromethane	150		5.3	5.3	ug/Kg
Z1750-20RE	ETB-7(10-12.5)RE	SOIL	Acetone	21		11	11	ug/Kg
Z1750-20RE	ETB-7(10-12.5)RE	SOIL	Methylene chloride	100		5.3	5.3	ug/Kg
Z1750-20RE	ETB-7(10-12.5)RE	SOIL	cis-1,2-Dichloroethene	21		5.3	5.3	ug/Kg
Z1750-20RE	ETB-7(10-12.5)RE	SOIL	Benzene	110		5.3	5.3	ug/Kg
Z1750-20RE	ETB-7(10-12.5)RE	SOIL	Trichloroethene	45		5.3	5.3	ug/Kg
Z1750-20RE	ETB-7(10-12.5)RE	SOIL	Toluene	13		5.3	5.3	ug/Kg
Total VOC's:				460.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				460.00				
Client ID:	ETB-7(1-3)							
Z1750-08	ETB-7(1-3)	SOIL	Methylene chloride	8.8		5.9	5.9	ug/Kg
Z1750-08	ETB-7(1-3)	SOIL	cis-1,2-Dichloroethene	13		5.9	5.9	ug/Kg
Z1750-08	ETB-7(1-3)	SOIL	1,1,1-Trichloroethane	18		5.9	5.9	ug/Kg
Z1750-08	ETB-7(1-3)	SOIL	Benzene	14		5.9	5.9	ug/Kg
Z1750-08	ETB-7(1-3)	SOIL	Trichloroethene	480	E	5.9	5.9	ug/Kg
Z1750-08	ETB-7(1-3)	SOIL	Methylcyclohexane	7.5		5.9	5.9	ug/Kg
Z1750-08	ETB-7(1-3)	SOIL	Toluene	12		5.9	5.9	ug/Kg
Z1750-08	ETB-7(1-3)	SOIL	Ethylbenzene	13		5.9	5.9	ug/Kg
Z1750-08	ETB-7(1-3)	SOIL	o-Xylene	9.1		5.9	5.9	ug/Kg
Z1750-08	ETB-7(1-3)	SOIL	m,p-Xylene	19		5.9	5.9	ug/Kg
Total VOC's:				594.40				
Total TIC's:				0.00				
Total VOC's and TIC's:				594.40				
Client ID:	ETB-7(1-3)DL							
Z1750-08DL	ETB-7(1-3)DL	SOIL	Trichloroethene	2100	D	150	150	ug/Kg
Z1750-08DL	ETB-7(1-3)DL	SOIL	Ethylbenzene	150	D	150	150	ug/Kg
Z1750-08DL	ETB-7(1-3)DL	SOIL	m,p-Xylene	230	D	150	150	ug/Kg
Total VOC's:				2480.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				2480.00				

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

Summary Sheet
SW-846

SDG No.:	ETB-3(13-14)			Order ID:	Z1750			
Client:	Earth Tech, Inc.			Project ID:	EART04			
Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-7(5.5-7.5)							
Z1750-18	ETB-7(5.5-7.5)	SOIL	Acetone	20		13	13	ug/Kg
Z1750-18	ETB-7(5.5-7.5)	SOIL	1,1-Dichloroethane	6.8		6.4	6.4	ug/Kg
Z1750-18	ETB-7(5.5-7.5)	SOIL	cis-1,2-Dichloroethene	640	E	6.4	6.4	ug/Kg
Z1750-18	ETB-7(5.5-7.5)	SOIL	Trichloroethene	650	E	6.4	6.4	ug/Kg
Z1750-18	ETB-7(5.5-7.5)	SOIL	Methylcyclohexane	9.2		6.4	6.4	ug/Kg
Total VOC's:				1326.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				1326.00				
Client ID:	FB-2-28-08							
Z1750-22	FB-2-28-08	SOIL	unknown8.15	* 7.1	J	0	0	ug/Kg
Total VOC's:				0.00				
Total TIC's:				7.10				
Total VOC's and TIC's:				7.10				
Client ID:	TB-2-28-08							
Z1750-23	TB-2-28-08	SOIL	unknown8.15	* 8.2	J	0	0	ug/Kg
Total VOC's:				0.00				
Total TIC's:				8.20				
Total VOC's and TIC's:				8.20				

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

**ANALYTICAL RESULTS
SUMMARY**

PROJECT NAME: NYSDEC North East Alloys

**EARTH TECH, INC.
40 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
5189512200**

**CHEMTECH PROJECT NO.
ATTENTION:**

**Z1755
Caroline Benedict**

**DATA PACKAGE FOR
VOLATILE ORGANICS**

PROJECT NAME : NYSDEC NORTH EAST ALLOYS

**EARTH TECH, INC.
40 British American Blvd.**

**Latham , NY - 12110
Phone No: 5189512200**

**CHEMTECH PROJECT N
ATTENTION:**

**Z1755
Caroline Benedict**



CASE NARRATIVE

Earth Tech, Inc.

Project Name: NYSDEC North East Alloys

Project # N/A

Chemtech Project # Z1755

A. Number of Samples and Date of Receipt:

19 Solid samples were received on 3/1/08.

1 Water sample was received on 3/1/08.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:

The analysis performed on instrument MSVOA E were done using GC column RTX-VMS which is 60 meters, 0.25 ID, 1.40 df, Zebron. #ZB-624. The Trap was supplied by OI Analytical, OI #130107 Trap , OI Eclipse 4660 Concentrator. The analysis performed on instrument MSVOA I were done using GC column RTXVMS, which is 60 meters, 0.25 ID, 1.4 df, Restek Cat. #19916. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator.

The analysis of VOCMS Group1 was based on method SOM01.2.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for ETB-8(12-14), ETB-9(1-3), ETB-9(6-7.5), ETB-9(12-14), ETB-10(2-3.5), ETB-10(7-8.5), ETB-10(12-14), ETB-11(5-7.5), ETB-11(10-11), ETB-9(12-14)DL, ETB-10(7-8.5)RE, ETB-10(12-14)RE, ETB-11(10-11)RE, ETB-11(16-18) and ETB-11(16-18)DL.

The Internal Standards Areas met the acceptable requirements except for ETB-8(1.5-3)RE, ETB-9(12-14)DL, ETB-10(7-8.5)RE, ETB-10(12-14)RE, ETB-11(10-11)RE, ETB-11(16-18), ETB-11(16-18)DL, ETB-8(1.5-3), ETB-8(12-14), ETB-9(12-14), ETB-10(7-8.5), ETB-10(12-14) and ETB-11(10-11).

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements.

The RPD recoveries met criteria.

The Blank Spike met requirements for all samples.

The Blank analysis indicated presence of 1,4-Dioxane due to possible lab contamination.

The Calibration met the requirements.

The Tuning criteria met requirements.

Samples ETB-8(12-14), ETB-9(12-14) and ETB-11(16-18) were diluted due to high concentrations.

E. Additional Comments:

The Calibration File ID met the requirements except for Bromomethane and Trichloroethene but it is not present in the sample. The Calibration File ID VI016853.D, VI016964.D met the requirements except for Vinyl chloride but the samples have no hit for this compound.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V. Reyes Name: Mildred V. Reyes

Date: 3/26/08 Title: QA/QC

COVER PAGE

OrderID: Z1755**ProjectID:** NYSDEC North East Alloys**CustomerName:** Earth Tech, Inc.

LAB SAMPLE NO.	CLIENT SAMPLE NO
Z1755-01	ETB-8(1.5-3)
Z1755-02	ETB-8(5-7.4)
Z1755-03	ETB-8(12-14)
Z1755-04	ETB-8(17-19)
Z1755-05	ETB-9(1-3)
Z1755-06	ETB-9(6-7.5)
Z1755-07	ETB-9(12-14)
Z1755-08	ETB-9(15-16)
Z1755-09	ETB-9-MS
Z1755-10	ETB-9-MSD
Z1755-11	ETB-10(2-3.5)
Z1755-12	ETB-10(7-8.5)
Z1755-13	ETB-10(12-14)
Z1755-14	ETB-10(17-19)
Z1755-15	ETB-11(5-7.5)
Z1755-16	ETB-11(10-11)
Z1755-17	ETB-11(12-14)
Z1755-18	ETB-11(16-18)
Z1755-19	TB-2-29-08
Z1755-20	DUP-2

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: Mildred V Reyes Name: Mildred V Reyes
Date: 3/26/08 Title: QA/QC

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

VOLATILES
SAMPLE
DATA

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-8 (1.5-3)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-01

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016838.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 20 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.2	U
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
75-35-4	1,1-Dichloroethene	6.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U
67-64-1	Acetone	100	
75-15-0	Carbon disulfide	6.2	U
79-20-9	Methyl acetate	6.2	U
75-09-2	Methylene chloride	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.2	U
1634-04-4	Methyl tert-Butyl ether	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
156-59-2	cis-1,2-Dichloroethene	6.2	U
78-93-3	2-Butanone	20	
74-97-5	Bromochloromethane	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	6.2	U
110-82-7	Cyclohexane	6.2	U
56-23-5	Carbon Tetrachloride	6.2	U
71-43-2	Benzene	6.2	U
107-06-2	1,2-Dichloroethane	6.2	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-8 (1.5-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-01

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016838.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 20

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
79-01-6	Trichloroethene	6.2	U	U
108-87-2	Methylcyclohexane	6.2	U	U
78-87-5	1,2-Dichloropropane	6.2	U	U
75-27-4	Bromodichloromethane	6.2	U	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U	U
108-10-1	4-Methyl-2-pentanone	12	U	U
108-88-3	Toluene	6.2	U	U
10061-02-6	trans-1,3-Dichloropropene	6.2	U	U
79-00-5	1,1,2-Trichloroethane	6.2	U	U
127-18-4	Tetrachloroethene	6.2	U	U
591-78-6	2-Hexanone	12	U	U
124-48-1	Dibromochloromethane	6.2	U	U
106-93-4	1,2-Dibromoethane	6.2	U	U
108-90-7	Chlorobenzene	6.2	U	U
100-41-4	Ethylbenzene	6.4	U	U
95-47-6	o-Xylene	6.2	U	U
179601-23-	m,p-Xylene	7.3	U	U
100-42-5	Styrene	6.2	U	U
75-25-2	Bromoform	6.2	U	U
98-82-8	Isopropylbenzene	6.2	U	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U	U
541-73-1	1,3-Dichlorobenzene	6.2	U	U
106-46-7	1,4-Dichlorobenzene	6.2	U	U
95-50-1	1,2-Dichlorobenzene	6.2	U	U
96-12-8	1,2-Dibromo-3-chloropropane	6.2	U	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U	U
87-61-6	1,2,3-Trichlorobenzene	6.2	U	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-8 (1.5-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-01

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016838.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 20

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-8 (1.5-3) RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-01RE

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016861.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 20 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>		Q
75-71-8	Dichlorodifluoromethane	6.2		U
74-87-3	Chloromethane	6.2		U
75-01-4	Vinyl Chloride	6.2		U
74-83-9	Bromomethane	6.2		U
75-00-3	Chloroethane	6.2		U
75-69-4	Trichlorofluoromethane	6.2		U
75-35-4	1,1-Dichloroethene	6.2		U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2		U
67-64-1	Acetone	65		
75-15-0	Carbon disulfide	6.2		U
79-20-9	Methyl acetate	6.2		U
75-09-2	Methylene chloride	6.2		U
156-60-5	trans-1,2-Dichloroethene	6.2		U
1634-04-4	Methyl tert-Butyl ether	6.2		U
75-34-3	1,1-Dichloroethane	6.2		U
156-59-2	cis-1,2-Dichloroethene	6.2		U
78-93-3	2-Butanone	14		
74-97-5	Bromochloromethane	6.2		U
67-66-3	Chloroform	6.2		U
71-55-6	1,1,1-Trichloroethane	6.2		U
110-82-7	Cyclohexane	6.2		U
56-23-5	Carbon Tetrachloride	6.2		U
71-43-2	Benzene	6.2		U
107-06-2	1,2-Dichloroethane	6.2		U
123-91-1	1,4-Dioxane	120		U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-8 (1.5-3) RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-01RE

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016861.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 20

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	6.2	U
108-87-2	Methylcyclohexane	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	6.2	U
10061-02-6	trans-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
127-18-4	Tetrachloroethene	6.2	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethylbenzene	6.8	
95-47-6	o-Xylene	6.2	U
179601-23-	m,p-Xylene	9.7	
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U
87-61-6	1,2,3-Trichlorobenzene	6.2	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-8(1.5-3)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM

Case No.: Z1755

Mod. Ref No.: Z1755

SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-01RE

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016861.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 20

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	1E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-8 (5-7.4)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-02

Sample wt/vol: 5.04 (g/mL) g Lab File ID: VI016839.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.4	U
74-87-3	Chloromethane	6.4	U
75-01-4	Vinyl Chloride	6.4	U
74-83-9	Bromomethane	6.4	U
75-00-3	Chloroethane	6.4	U
75-69-4	Trichlorofluoromethane	6.4	U
75-35-4	1,1-Dichloroethene	6.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.4	U
67-64-1	Acetone	18	
75-15-0	Carbon disulfide	6.4	U
79-20-9	Methyl acetate	6.4	U
75-09-2	Methylene chloride	6.4	U
156-60-5	trans-1,2-Dichloroethene	6.4	U
1634-04-4	Methyl tert-Butyl ether	6.4	U
75-34-3	1,1-Dichloroethane	6.4	U
156-59-2	cis-1,2-Dichloroethene	6.4	U
78-93-3	2-Butanone	13	U
74-97-5	Bromochloromethane	6.4	U
67-66-3	Chloroform	6.4	U
71-55-6	1,1,1-Trichloroethane	6.4	U
110-82-7	Cyclohexane	6.4	U
56-23-5	Carbon Tetrachloride	6.4	U
71-43-2	Benzene	6.4	U
107-06-2	1,2-Dichloroethane	6.4	U
123-91-1	1,4-Dioxane	130	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-8 (5-7.4)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-02

Sample wt/vol: 5.04 (g/mL) g Lab File ID: VI016839.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
79-01-6	Trichloroethene		6.4	U
108-87-2	Methylcyclohexane		6.4	U
78-87-5	1,2-Dichloropropane		6.4	U
75-27-4	Bromodichloromethane		6.4	U
10061-01-5	cis-1,3-Dichloropropene		6.4	U
108-10-1	4-Methyl-2-pentanone		13	U
108-88-3	Toluene		6.4	U
10061-02-6	trans-1,3-Dichloropropene		6.4	U
79-00-5	1,1,2-Trichloroethane		6.4	U
127-18-4	Tetrachloroethene		6.4	U
591-78-6	2-Hexanone		13	U
124-48-1	Dibromochloromethane		6.4	U
106-93-4	1,2-Dibromoethane		6.4	U
108-90-7	Chlorobenzene		6.4	U
100-41-4	Ethylbenzene		6.4	U
95-47-6	o-Xylene		6.4	U
179601-23-	m,p-Xylene		6.4	U
100-42-5	Styrene		6.4	U
75-25-2	Bromoform		6.4	U
98-82-8	Isopropylbenzene		6.4	U
79-34-5	1,1,2,2-Tetrachloroethane		6.4	U
541-73-1	1,3-Dichlorobenzene		6.4	U
106-46-7	1,4-Dichlorobenzene		6.4	U
95-50-1	1,2-Dichlorobenzene		6.4	U
96-12-8	1,2-Dibromo-3-chloropropane		6.4	U
120-82-1	1,2,4-Trichlorobenzene		6.4	U
87-61-6	1,2,3-Trichlorobenzene		6.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-8 (5-7.4)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-02

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016839.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 22

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	1E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-8 (12-14)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-03

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016840.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 7 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	<u>ug/Kg</u>	
75-71-8	Dichlorodifluoromethane		570	E
74-87-3	Chloromethane		5.4	U
75-01-4	Vinyl Chloride		5.4	U
74-83-9	Bromomethane		5.4	U
75-00-3	Chloroethane		5.4	U
75-69-4	Trichlorofluoromethane		5.4	U
75-35-4	1,1-Dichloroethene		5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		5.4	U
67-64-1	Acetone		17	
75-15-0	Carbon disulfide		5.4	U
79-20-9	Methyl acetate		5.4	U
75-09-2	Methylene chloride		6.3	
156-60-5	trans-1,2-Dichloroethene		5.4	U
1634-04-4	Methyl tert-Butyl ether		5.4	U
75-34-3	1,1-Dichloroethane		5.4	U
156-59-2	cis-1,2-Dichloroethene		5.4	U
78-93-3	2-Butanone		11	U
74-97-5	Bromochloromethane		5.4	U
67-66-3	Chloroform		5.4	U
71-55-6	1,1,1-Trichloroethane		5.4	U
110-82-7	Cyclohexane		5.4	U
56-23-5	Carbon Tetrachloride		5.4	U
71-43-2	Benzene		23	
107-06-2	1,2-Dichloroethane		5.4	U
123-91-1	1,4-Dioxane		110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-8 (12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-03

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016840.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 7

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	5.4	U
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	7.1	
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	5.4	U
95-47-6	o-Xylene	5.4	U
179601-23-	m,p-Xylene	5.4	U
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-8 (12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755

SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-03

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016840.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 7.0

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	1E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-8 (12-14) DL

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-03DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007811.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 7 Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	7.5	D
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl Chloride	5.4	U
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	5.4	U
75-35-4	1,1-Dichloroethene	5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.4	U
79-20-9	Methyl acetate	5.4	U
75-09-2	Methylene chloride	5.4	U
156-60-5	trans-1,2-Dichloroethene	5.4	U
1634-04-4	Methyl tert-Butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	5.4	U
156-59-2	cis-1,2-Dichloroethene	5.4	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	5.4	U
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon Tetrachloride	5.4	U
71-43-2	Benzene	3.6	JD
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-8 (12-14) DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-03DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007811.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 7

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	5.4	U
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	5.4	U
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	5.4	JD
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	5.4	U
95-47-6	o-Xylene	5.4	U
179601-23-	m,p-Xylene	2.9	JD
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-8 (12-14) DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8 (1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-03DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007811.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 7.0

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	1E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-9(1-3)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8(1.5-3)

Matrix SOIL Lab Sample ID: Z1755-05

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016841.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 17 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane		6.0	U
74-87-3	Chloromethane		6.0	U
75-01-4	Vinyl Chloride		6.0	U
74-83-9	Bromomethane		6.0	U
75-00-3	Chloroethane		6.0	U
75-69-4	Trichlorofluoromethane		6.0	U
75-35-4	1,1-Dichloroethene		6.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		6.0	U
67-64-1	Acetone		12	U
75-15-0	Carbon disulfide		6.0	U
79-20-9	Methyl acetate		6.0	U
75-09-2	Methylene chloride		6.0	U
156-60-5	trans-1,2-Dichloroethene		6.0	U
1634-04-4	Methyl tert-Butyl ether		6.0	U
75-34-3	1,1-Dichloroethane		6.0	U
156-59-2	cis-1,2-Dichloroethene		6.0	U
78-93-3	2-Butanone		12	U
74-97-5	Bromochloromethane		6.0	U
67-66-3	Chloroform		6.0	U
71-55-6	1,1,1-Trichloroethane		6.0	U
110-82-7	Cyclohexane		6.0	U
56-23-5	Carbon Tetrachloride		6.0	U
71-43-2	Benzene		6.0	U
107-06-2	1,2-Dichloroethane		6.0	U
123-91-1	1,4-Dioxane		120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-9(1-3)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8(1.5-3)

Matrix SOIL Lab Sample ID: Z1755-05

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016841.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 17 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	6.0	U
108-87-2	Methylcyclohexane	6.0	U
78-87-5	1,2-Dichloropropane	6.0	U
75-27-4	Bromodichloromethane	6.0	U
10061-01-5	cis-1,3-Dichloropropene	6.0	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	6.0	U
10061-02-6	trans-1,3-Dichloropropene	6.0	U
79-00-5	1,1,2-Trichloroethane	6.0	U
127-18-4	Tetrachloroethene	6.0	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.0	U
106-93-4	1,2-Dibromoethane	6.0	U
108-90-7	Chlorobenzene	6.0	U
100-41-4	Ethylbenzene	6.0	U
95-47-6	o-Xylene	6.0	U
179601-23-	m,p-Xylene	6.0	U
100-42-5	Styrene	6.0	U
75-25-2	Bromoform	6.0	U
98-82-8	Isopropylbenzene	6.0	U
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U
541-73-1	1,3-Dichlorobenzene	6.0	U
106-46-7	1,4-Dichlorobenzene	6.0	U
95-50-1	1,2-Dichlorobenzene	6.0	U
96-12-8	1,2-Dibromo-3-chloropropane	6.0	U
120-82-1	1,2,4-Trichlorobenzene	6.0	U
87-61-6	1,2,3-Trichlorobenzene	6.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-9(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-05

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016841.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 17

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
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18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-9 (6-7.5)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-06

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016842.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 19 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.2	U
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
75-35-4	1,1-Dichloroethene	6.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U
67-64-1	Acetone	17	
75-15-0	Carbon disulfide	6.2	U
79-20-9	Methyl acetate	6.2	U
75-09-2	Methylene chloride	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.2	U
1634-04-4	Methyl tert-Butyl ether	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
156-59-2	cis-1,2-Dichloroethene	6.2	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	6.2	U
110-82-7	Cyclohexane	6.2	U
56-23-5	Carbon Tetrachloride	6.2	U
71-43-2	Benzene	6.2	U
107-06-2	1,2-Dichloroethane	6.2	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-9(6-7.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8(1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-06

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016842.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 19

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
79-01-6	Trichloroethene		6.2	U
108-87-2	Methylcyclohexane		6.2	U
78-87-5	1,2-Dichloropropane		6.2	U
75-27-4	Bromodichloromethane		6.2	U
10061-01-5	cis-1,3-Dichloropropene		6.2	U
108-10-1	4-Methyl-2-pentanone		12	U
108-88-3	Toluene		6.2	U
10061-02-6	trans-1,3-Dichloropropene		6.2	U
79-00-5	1,1,2-Trichloroethane		6.2	U
127-18-4	Tetrachloroethene		6.2	U
591-78-6	2-Hexanone		12	U
124-48-1	Dibromochloromethane		6.2	U
106-93-4	1,2-Dibromoethane		6.2	U
108-90-7	Chlorobenzene		6.2	U
100-41-4	Ethylbenzene		6.2	U
95-47-6	o-Xylene		6.2	U
179601-23-	m,p-Xylene		6.2	U
100-42-5	Styrene		6.2	U
75-25-2	Bromoform		6.2	U
98-82-8	Isopropylbenzene		6.2	U
79-34-5	1,1,2,2-Tetrachloroethane		6.2	U
541-73-1	1,3-Dichlorobenzene		6.2	U
106-46-7	1,4-Dichlorobenzene		6.2	U
95-50-1	1,2-Dichlorobenzene		6.2	U
96-12-8	1,2-Dibromo-3-chloropropane		6.2	U
120-82-1	1,2,4-Trichlorobenzene		6.2	U
87-61-6	1,2,3-Trichlorobenzene		6.2	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-9 (6-7.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8 (1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-06

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016842.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 19

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-9 (12-14)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-07

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016843.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 9 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane		870	E
74-87-3	Chloromethane		5.5	U
75-01-4	Vinyl Chloride		5.5	U
74-83-9	Bromomethane		5.5	U
75-00-3	Chloroethane		5.5	U
75-69-4	Trichlorofluoromethane		10	
75-35-4	1,1-Dichloroethene		5.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		5.5	U
67-64-1	Acetone		26	
75-15-0	Carbon disulfide		5.9	
79-20-9	Methyl acetate		5.5	U
75-09-2	Methylene chloride		18	
156-60-5	trans-1,2-Dichloroethene		5.5	U
1634-04-4	Methyl tert-Butyl ether		5.5	U
75-34-3	1,1-Dichloroethane		5.5	U
156-59-2	cis-1,2-Dichloroethene		5.5	U
78-93-3	2-Butanone		11	U
74-97-5	Bromochloromethane		5.5	U
67-66-3	Chloroform		5.5	U
71-55-6	1,1,1-Trichloroethane		5.5	U
110-82-7	Cyclohexane		5.5	U
56-23-5	Carbon Tetrachloride		5.5	U
71-43-2	Benzene		380	E
107-06-2	1,2-Dichloroethane		5.5	U
123-91-1	1,4-Dioxane		110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-9 (12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-07

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016843.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 9

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	25	
108-87-2	Methylcyclohexane	5.5	U
78-87-5	1,2-Dichloropropane	5.5	U
75-27-4	Bromodichloromethane	5.5	U
10061-01-5	cis-1,3-Dichloropropene	5.5	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	68	
10061-02-6	trans-1,3-Dichloropropene	5.5	U
79-00-5	1,1,2-Trichloroethane	5.5	U
127-18-4	Tetrachloroethene	5.5	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.5	U
106-93-4	1,2-Dibromoethane	5.5	U
108-90-7	Chlorobenzene	5.5	U
100-41-4	Ethylbenzene	18	
95-47-6	o-Xylene	8.8	
179601-23-	m,p-Xylene	16	
100-42-5	Styrene	5.5	U
75-25-2	Bromoform	5.5	U
98-82-8	Isopropylbenzene	5.5	U
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U
541-73-1	1,3-Dichlorobenzene	5.5	U
106-46-7	1,4-Dichlorobenzene	5.5	U
95-50-1	1,2-Dichlorobenzene	5.5	U
96-12-8	1,2-Dibromo-3-chloropropane	5.5	U
120-82-1	1,2,4-Trichlorobenzene	5.5	U
87-61-6	1,2,3-Trichlorobenzene	5.5	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-9 (12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-07

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016843.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 9.0

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	1E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-9 (12-14) DL

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-07DL

Sample wt/vol: 1.00 (g/mL) g Lab File ID: VI016864.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 9 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	4400	D
74-87-3	Chloromethane	140	U
75-01-4	Vinyl Chloride	140	U
74-83-9	Bromomethane	140	U
75-00-3	Chloroethane	140	U
75-69-4	Trichlorofluoromethane	140	U
75-35-4	1,1-Dichloroethene	140	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	140	U
67-64-1	Acetone	320	D
75-15-0	Carbon disulfide	140	U
79-20-9	Methyl acetate	140	U
75-09-2	Methylene chloride	140	U
156-60-5	trans-1,2-Dichloroethene	140	U
1634-04-4	Methyl tert-Butyl ether	140	U
75-34-3	1,1-Dichloroethane	140	U
156-59-2	cis-1,2-Dichloroethene	140	U
78-93-3	2-Butanone	270	U
74-97-5	Bromochloromethane	140	U
67-66-3	Chloroform	140	U
71-55-6	1,1,1-Trichloroethane	140	U
110-82-7	Cyclohexane	140	U
56-23-5	Carbon Tetrachloride	140	U
71-43-2	Benzene	1500	D
107-06-2	1,2-Dichloroethane	140	U
123-91-1	1,4-Dioxane	2700	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-9 (12-14) DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-07DL

Sample wt/vol: 1.00 (g/mL) g

Lab File ID: VI016864.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 9

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
79-01-6	Trichloroethene		330	D
108-87-2	Methylcyclohexane		140	U
78-87-5	1,2-Dichloropropane		140	U
75-27-4	Bromodichloromethane		140	U
10061-01-5	cis-1,3-Dichloropropene		140	U
108-10-1	4-Methyl-2-pentanone		270	U
108-88-3	Toluene		280	D
10061-02-6	trans-1,3-Dichloropropene		140	U
79-00-5	1,1,2-Trichloroethane		140	U
127-18-4	Tetrachloroethene		140	U
591-78-6	2-Hexanone		270	U
124-48-1	Dibromochloromethane		140	U
106-93-4	1,2-Dibromoethane		140	U
108-90-7	Chlorobenzene		140	U
100-41-4	Ethylbenzene		140	U
95-47-6	o-Xylene		140	U
179601-23-	m,p-Xylene		140	U
100-42-5	Styrene		140	U
75-25-2	Bromoform		140	U
98-82-8	Isopropylbenzene		140	U
79-34-5	1,1,2,2-Tetrachloroethane		140	U
541-73-1	1,3-Dichlorobenzene		140	U
106-46-7	1,4-Dichlorobenzene		140	U
95-50-1	1,2-Dichlorobenzene		140	U
96-12-8	1,2-Dibromo-3-chloropropane		140	U
120-82-1	1,2,4-Trichlorobenzene		140	U
87-61-6	1,2,3-Trichlorobenzene		140	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-9(12-14)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755

SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-07DL

Sample wt/vol: 1.0 (g/mL) g

Lab File ID: VI016864.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 9.0

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-9-MS

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-09

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016836.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 19 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.1	U
74-87-3	Chloromethane	6.1	U
75-01-4	Vinyl Chloride	6.1	U
74-83-9	Bromomethane	6.1	U
75-00-3	Chloroethane	6.1	U
75-69-4	Trichlorofluoromethane	6.1	U
75-35-4	1,1-Dichloroethene	72	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	U
67-64-1	Acetone	16	
75-15-0	Carbon disulfide	6.1	U
79-20-9	Methyl acetate	6.1	U
75-09-2	Methylene chloride	6.1	U
156-60-5	trans-1,2-Dichloroethene	6.1	U
1634-04-4	Methyl tert-Butyl ether	6.1	U
75-34-3	1,1-Dichloroethane	6.1	U
156-59-2	cis-1,2-Dichloroethene	6.1	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.1	U
67-66-3	Chloroform	6.1	U
71-55-6	1,1,1-Trichloroethane	6.1	U
110-82-7	Cyclohexane	6.1	U
56-23-5	Carbon Tetrachloride	6.1	U
71-43-2	Benzene	71	
107-06-2	1,2-Dichloroethane	6.1	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-9-MS

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8(1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-09

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016836.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 19

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
79-01-6	Trichloroethene		58	
108-87-2	Methylcyclohexane		6.1	U
78-87-5	1,2-Dichloropropane		6.1	U
75-27-4	Bromodichloromethane		6.1	U
10061-01-5	cis-1,3-Dichloropropene		6.1	U
108-10-1	4-Methyl-2-pentanone		12	U
108-88-3	Toluene		71	
10061-02-6	trans-1,3-Dichloropropene		6.1	U
79-00-5	1,1,2-Trichloroethane		6.1	U
127-18-4	Tetrachloroethene		6.1	U
591-78-6	2-Hexanone		12	U
124-48-1	Dibromochloromethane		6.1	U
106-93-4	1,2-Dibromoethane		6.1	U
108-90-7	Chlorobenzene		65	
100-41-4	Ethylbenzene		6.1	U
95-47-6	o-Xylene		6.1	U
179601-23-	m,p-Xylene		6.1	U
100-42-5	Styrene		6.1	U
75-25-2	Bromoform		6.1	U
98-82-8	Isopropylbenzene		6.1	U
79-34-5	1,1,2,2-Tetrachloroethane		6.1	U
541-73-1	1,3-Dichlorobenzene		6.1	U
106-46-7	1,4-Dichlorobenzene		6.1	U
95-50-1	1,2-Dichlorobenzene		6.1	U
96-12-8	1,2-Dibromo-3-chloropropane		6.1	U
120-82-1	1,2,4-Trichlorobenzene		6.1	U
87-61-6	1,2,3-Trichlorobenzene		6.1	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-9-MSD

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-10

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016837.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 19 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.2	U
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
75-35-4	1,1-Dichloroethene	73	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U
67-64-1	Acetone	16	
75-15-0	Carbon disulfide	6.2	U
79-20-9	Methyl acetate	6.2	U
75-09-2	Methylene chloride	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.2	U
1634-04-4	Methyl tert-Butyl ether	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
156-59-2	cis-1,2-Dichloroethene	6.2	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	6.2	U
110-82-7	Cyclohexane	6.2	U
56-23-5	Carbon Tetrachloride	6.2	U
71-43-2	Benzene	69	
107-06-2	1,2-Dichloroethane	6.2	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-9-MSD

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-10

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016837.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 19 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	56	
108-87-2	Methylcyclohexane	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	73	
10061-02-6	trans-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
127-18-4	Tetrachloroethene	6.2	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
108-90-7	Chlorobenzene	67	
100-41-4	Ethylbenzene	6.2	U
95-47-6	o-Xylene	6.2	U
179601-23-	m,p-Xylene	6.2	U
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U
87-61-6	1,2,3-Trichlorobenzene	6.2	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-10 (2-3.5)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-11

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016844.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 20 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane	6.2	U	U
74-87-3	Chloromethane	6.2	U	U
75-01-4	Vinyl Chloride	6.2	U	U
74-83-9	Bromomethane	6.2	U	U
75-00-3	Chloroethane	6.2	U	U
75-69-4	Trichlorofluoromethane	6.2	U	U
75-35-4	1,1-Dichloroethene	6.2	U	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U	U
67-64-1	Acetone	38		
75-15-0	Carbon disulfide	6.2	U	U
79-20-9	Methyl acetate	6.2	U	U
75-09-2	Methylene chloride	6.2	U	U
156-60-5	trans-1,2-Dichloroethene	6.2	U	U
1634-04-4	Methyl tert-Butyl ether	6.2	U	U
75-34-3	1,1-Dichloroethane	6.2	U	U
156-59-2	cis-1,2-Dichloroethene	6.2	U	U
78-93-3	2-Butanone	12	U	U
74-97-5	Bromochloromethane	6.2	U	U
67-66-3	Chloroform	6.2	U	U
71-55-6	1,1,1-Trichloroethane	6.2	U	U
110-82-7	Cyclohexane	6.2	U	U
56-23-5	Carbon Tetrachloride	6.2	U	U
71-43-2	Benzene	6.9		
107-06-2	1,2-Dichloroethane	6.2	U	U
123-91-1	1,4-Dioxane	120	U	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-10 (2-3.5)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-11

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016844.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 20 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	6.2	U
108-87-2	Methylcyclohexane	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	8.6	
10061-02-6	trans-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
127-18-4	Tetrachloroethene	6.2	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethylbenzene	14	
95-47-6	o-Xylene	8.5	
179601-23-	m,p-Xylene	19	
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U
87-61-6	1,2,3-Trichlorobenzene	6.2	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-10 (2-3.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8 (1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-11

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016844.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 20

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	1E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-10 (7-8.5)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-12

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016845.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 13 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane		5.7	U
74-87-3	Chloromethane		5.7	U
75-01-4	Vinyl Chloride		5.7	U
74-83-9	Bromomethane		5.7	U
75-00-3	Chloroethane		5.7	U
75-69-4	Trichlorofluoromethane		5.7	U
75-35-4	1,1-Dichloroethene		5.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		5.7	U
67-64-1	Acetone		13	
75-15-0	Carbon disulfide		5.7	U
79-20-9	Methyl acetate		5.7	U
75-09-2	Methylene chloride		5.7	U
156-60-5	trans-1,2-Dichloroethene		5.7	U
1634-04-4	Methyl tert-Butyl ether		5.7	U
75-34-3	1,1-Dichloroethane		10	
156-59-2	cis-1,2-Dichloroethene		48	
78-93-3	2-Butanone		11	U
74-97-5	Bromochloromethane		5.7	U
67-66-3	Chloroform		5.7	U
71-55-6	1,1,1-Trichloroethane		5.7	U
110-82-7	Cyclohexane		5.7	U
56-23-5	Carbon Tetrachloride		5.7	U
71-43-2	Benzene		5.7	U
107-06-2	1,2-Dichloroethane		5.7	U
123-91-1	1,4-Dioxane		110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-10 (7-8.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-12

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016845.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 13

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	14	Q
108-87-2	Methylcyclohexane	5.7	U
78-87-5	1,2-Dichloropropane	5.7	U
75-27-4	Bromodichloromethane	5.7	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	5.7	U
10061-02-6	trans-1,3-Dichloropropene	5.7	U
79-00-5	1,1,2-Trichloroethane	5.7	U
127-18-4	Tetrachloroethene	5.7	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.7	U
106-93-4	1,2-Dibromoethane	5.7	U
108-90-7	Chlorobenzene	5.7	U
100-41-4	Ethylbenzene	7.3	
95-47-6	o-Xylene	5.7	U
179601-23-	m,p-Xylene	7.3	
100-42-5	Styrene	5.7	U
75-25-2	Bromoform	5.7	U
98-82-8	Isopropylbenzene	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U
541-73-1	1,3-Dichlorobenzene	5.7	U
106-46-7	1,4-Dichlorobenzene	5.7	U
95-50-1	1,2-Dichlorobenzene	5.7	U
96-12-8	1,2-Dibromo-3-chloropropane	5.7	U
120-82-1	1,2,4-Trichlorobenzene	5.7	U
87-61-6	1,2,3-Trichlorobenzene	5.7	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-10 (7-8.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-12

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016845.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 13

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	1E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-10 (7-8.5)RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-12RE

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016865.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 13 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.7	U
74-87-3	Chloromethane	5.7	U
75-01-4	Vinyl Chloride	5.7	U
74-83-9	Bromomethane	5.7	U
75-00-3	Chloroethane	5.7	U
75-69-4	Trichlorofluoromethane	5.7	U
75-35-4	1,1-Dichloroethene	5.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U
67-64-1	Acetone	13	
75-15-0	Carbon disulfide	5.7	U
79-20-9	Methyl acetate	5.7	U
75-09-2	Methylene chloride	5.7	U
156-60-5	trans-1,2-Dichloroethene	5.7	U
1634-04-4	Methyl tert-Butyl ether	5.7	U
75-34-3	1,1-Dichloroethane	8.8	
156-59-2	cis-1,2-Dichloroethene	47	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.7	U
67-66-3	Chloroform	5.7	U
71-55-6	1,1,1-Trichloroethane	5.7	U
110-82-7	Cyclohexane	5.7	U
56-23-5	Carbon Tetrachloride	5.7	U
71-43-2	Benzene	5.7	U
107-06-2	1,2-Dichloroethane	5.7	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-10 (7-8.5) RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8(1.5-3)

Matrix SOIL Lab Sample ID: Z1755-12RE

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016865.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 13 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	13	
108-87-2	Methylcyclohexane	5.7	U
78-87-5	1,2-Dichloropropane	5.7	U
75-27-4	Bromodichloromethane	5.7	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	5.7	U
10061-02-6	trans-1,3-Dichloropropene	5.7	U
79-00-5	1,1,2-Trichloroethane	5.7	U
127-18-4	Tetrachloroethene	5.7	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.7	U
106-93-4	1,2-Dibromoethane	5.7	U
108-90-7	Chlorobenzene	5.7	U
100-41-4	Ethylbenzene	5.7	U
95-47-6	o-Xylene	5.7	U
179601-23-	m,p-Xylene	5.7	U
100-42-5	Styrene	5.7	U
75-25-2	Bromoform	5.7	U
98-82-8	Isopropylbenzene	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U
541-73-1	1,3-Dichlorobenzene	5.7	U
106-46-7	1,4-Dichlorobenzene	5.7	U
95-50-1	1,2-Dichlorobenzene	5.7	U
96-12-8	1,2-Dibromo-3-chloropropane	5.7	U
120-82-1	1,2,4-Trichlorobenzene	5.7	U
87-61-6	1,2,3-Trichlorobenzene	5.7	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-10 (7-8.5) RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8 (1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-12RE

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016865.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 13

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-10 (12-14)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-13

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016846.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 8 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane		5.4	U
74-87-3	Chloromethane		5.4	U
75-01-4	Vinyl Chloride		5.4	U
74-83-9	Bromomethane		5.4	U
75-00-3	Chloroethane		5.4	U
75-69-4	Trichlorofluoromethane		5.4	U
75-35-4	1,1-Dichloroethene		5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		5.4	U
67-64-1	Acetone		16	
75-15-0	Carbon disulfide		5.4	U
79-20-9	Methyl acetate		5.4	U
75-09-2	Methylene chloride		8.1	
156-60-5	trans-1,2-Dichloroethene		5.4	U
1634-04-4	Methyl tert-Butyl ether		5.4	U
75-34-3	1,1-Dichloroethane		5.4	U
156-59-2	cis-1,2-Dichloroethene		5.4	U
78-93-3	2-Butanone		11	U
74-97-5	Bromochloromethane		5.4	U
67-66-3	Chloroform		5.4	U
71-55-6	1,1,1-Trichloroethane		5.4	U
110-82-7	Cyclohexane		5.4	U
56-23-5	Carbon Tetrachloride		5.4	U
71-43-2	Benzene		54	
107-06-2	1,2-Dichloroethane		5.4	U
123-91-1	1,4-Dioxane		110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-10 (12-14)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-13

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016846.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 8 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
79-01-6	Trichloroethene	5.4		U
108-87-2	Methylcyclohexane	5.4		U
78-87-5	1,2-Dichloropropane	5.4		U
75-27-4	Bromodichloromethane	5.4		U
10061-01-5	cis-1,3-Dichloropropene	5.4		U
108-10-1	4-Methyl-2-pentanone	11		U
108-88-3	Toluene	22		
10061-02-6	trans-1,3-Dichloropropene	5.4		U
79-00-5	1,1,2-Trichloroethane	5.4		U
127-18-4	Tetrachloroethene	5.4		U
591-78-6	2-Hexanone	11		U
124-48-1	Dibromochloromethane	5.4		U
106-93-4	1,2-Dibromoethane	5.4		U
108-90-7	Chlorobenzene	5.4		U
100-41-4	Ethylbenzene	11		
95-47-6	o-Xylene	6.0		
179601-23-	m,p-Xylene	12		
100-42-5	Styrene	5.4		U
75-25-2	Bromoform	5.4		U
98-82-8	Isopropylbenzene	5.4		U
79-34-5	1,1,2,2-Tetrachloroethane	5.4		U
541-73-1	1,3-Dichlorobenzene	5.4		U
106-46-7	1,4-Dichlorobenzene	5.4		U
95-50-1	1,2-Dichlorobenzene	5.4		U
96-12-8	1,2-Dibromo-3-chloropropane	5.4		U
120-82-1	1,2,4-Trichlorobenzene	5.4		U
87-61-6	1,2,3-Trichlorobenzene	5.4		U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-10 (12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8 (1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-13

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016846.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 8.0

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-10 (12-14) RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-13RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016866.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 8 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane	5.4	U	U
74-87-3	Chloromethane	5.4	U	U
75-01-4	Vinyl Chloride	5.4	U	U
74-83-9	Bromomethane	5.4	U	U
75-00-3	Chloroethane	5.4	U	U
75-69-4	Trichlorofluoromethane	5.4	U	U
75-35-4	1,1-Dichloroethene	5.4	U	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U	U
67-64-1	Acetone	12		
75-15-0	Carbon disulfide	5.4	U	U
79-20-9	Methyl acetate	5.4	U	U
75-09-2	Methylene chloride	7.0		
156-60-5	trans-1,2-Dichloroethene	5.4	U	U
1634-04-4	Methyl tert-Butyl ether	5.4	U	U
75-34-3	1,1-Dichloroethane	5.4	U	U
156-59-2	cis-1,2-Dichloroethene	5.4	U	U
78-93-3	2-Butanone	11	U	U
74-97-5	Bromochloromethane	5.4	U	U
67-66-3	Chloroform	5.4	U	U
71-55-6	1,1,1-Trichloroethane	5.4	U	U
110-82-7	Cyclohexane	5.4	U	U
56-23-5	Carbon Tetrachloride	5.4	U	U
71-43-2	Benzene	30		
107-06-2	1,2-Dichloroethane	5.4	U	U
123-91-1	1,4-Dioxane	110	U	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-10 (12-14) RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-13RE

Sample wt/vol: 5.03 (g/mL) g

Lab File ID: VI016866.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 8

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume:

(uL) Soil Aliquot Volume: (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
79-01-6	Trichloroethene		7.0	
108-87-2	Methylcyclohexane		5.4	U
78-87-5	1,2-Dichloropropane		5.4	U
75-27-4	Bromodichloromethane		5.4	U
10061-01-5	cis-1,3-Dichloropropene		5.4	U
108-10-1	4-Methyl-2-pentanone		11	U
108-88-3	Toluene		10	
10061-02-6	trans-1,3-Dichloropropene		5.4	U
79-00-5	1,1,2-Trichloroethane		5.4	U
127-18-4	Tetrachloroethene		5.4	U
591-78-6	2-Hexanone		11	U
124-48-1	Dibromochloromethane		5.4	U
106-93-4	1,2-Dibromoethane		5.4	U
108-90-7	Chlorobenzene		5.4	U
100-41-4	Ethylbenzene		5.4	U
95-47-6	o-Xylene		5.4	U
179601-23-	m,p-Xylene		5.4	U
100-42-5	Styrene		5.4	U
75-25-2	Bromoform		5.4	U
98-82-8	Isopropylbenzene		5.4	U
79-34-5	1,1,2,2-Tetrachloroethane		5.4	U
541-73-1	1,3-Dichlorobenzene		5.4	U
106-46-7	1,4-Dichlorobenzene		5.4	U
95-50-1	1,2-Dichlorobenzene		5.4	U
96-12-8	1,2-Dibromo-3-chloropropane		5.4	U
120-82-1	1,2,4-Trichlorobenzene		5.4	U
87-61-6	1,2,3-Trichlorobenzene		5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-10 (12-14) RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-13RE

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016866.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 8.0

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-11 (5-7.5)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-15

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016847.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 17 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane		6.0	U
74-87-3	Chloromethane		6.0	U
75-01-4	Vinyl Chloride		6.0	U
74-83-9	Bromomethane		6.0	U
75-00-3	Chloroethane		6.0	U
75-69-4	Trichlorofluoromethane		6.0	U
75-35-4	1,1-Dichloroethene		6.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		6.0	U
67-64-1	Acetone		25	
75-15-0	Carbon disulfide		6.0	U
79-20-9	Methyl acetate		6.0	U
75-09-2	Methylene chloride		6.0	U
156-60-5	trans-1,2-Dichloroethene		6.0	U
1634-04-4	Methyl tert-Butyl ether		6.0	U
75-34-3	1,1-Dichloroethane		6.0	U
156-59-2	cis-1,2-Dichloroethene		6.0	U
78-93-3	2-Butanone		12	U
74-97-5	Bromochloromethane		6.0	U
67-66-3	Chloroform		6.0	U
71-55-6	1,1,1-Trichloroethane		6.0	U
110-82-7	Cyclohexane		6.0	U
56-23-5	Carbon Tetrachloride		6.0	U
71-43-2	Benzene		6.0	U
107-06-2	1,2-Dichloroethane		6.0	U
123-91-1	1,4-Dioxane		120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-11 (5-7.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-15

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016847.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 17

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	9.5	
108-87-2	Methylcyclohexane	6.0	U
78-87-5	1,2-Dichloropropane	6.0	U
75-27-4	Bromodichloromethane	6.0	U
10061-01-5	cis-1,3-Dichloropropene	6.0	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	6.0	U
10061-02-6	trans-1,3-Dichloropropene	6.0	U
79-00-5	1,1,2-Trichloroethane	6.0	U
127-18-4	Tetrachloroethene	6.0	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.0	U
106-93-4	1,2-Dibromoethane	6.0	U
108-90-7	Chlorobenzene	6.0	U
100-41-4	Ethylbenzene	6.0	U
95-47-6	o-Xylene	6.0	U
179601-23-	m,p-Xylene	6.0	U
100-42-5	Styrene	6.0	U
75-25-2	Bromoform	6.0	U
98-82-8	Isopropylbenzene	6.0	U
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U
541-73-1	1,3-Dichlorobenzene	6.0	U
106-46-7	1,4-Dichlorobenzene	6.0	U
95-50-1	1,2-Dichlorobenzene	6.0	U
96-12-8	1,2-Dibromo-3-chloropropane	6.0	U
120-82-1	1,2,4-Trichlorobenzene	6.0	U
87-61-6	1,2,3-Trichlorobenzene	6.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-11 (5-7.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755

SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-15

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016847.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 17

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-11 (10-11)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-16

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016848.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 9 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.5	U
74-87-3	Chloromethane	5.5	U
75-01-4	Vinyl Chloride	5.5	U
74-83-9	Bromomethane	5.5	U
75-00-3	Chloroethane	5.5	U
75-69-4	Trichlorofluoromethane	5.5	U
75-35-4	1,1-Dichloroethene	5.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.5	U
67-64-1	Acetone	18	
75-15-0	Carbon disulfide	5.5	U
79-20-9	Methyl acetate	5.5	U
75-09-2	Methylene chloride	5.5	U
156-60-5	trans-1,2-Dichloroethene	5.5	U
1634-04-4	Methyl tert-Butyl ether	5.5	U
75-34-3	1,1-Dichloroethane	5.5	U
156-59-2	cis-1,2-Dichloroethene	5.5	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.5	U
67-66-3	Chloroform	5.5	U
71-55-6	1,1,1-Trichloroethane	5.5	U
110-82-7	Cyclohexane	5.5	U
56-23-5	Carbon Tetrachloride	5.5	U
71-43-2	Benzene	67	
107-06-2	1,2-Dichloroethane	5.5	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-11 (10-11)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-16

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016848.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 9

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
79-01-6	Trichloroethene		13	
108-87-2	Methylcyclohexane		5.5	U
78-87-5	1,2-Dichloropropane		5.5	U
75-27-4	Bromodichloromethane		5.5	U
10061-01-5	cis-1,3-Dichloropropene		5.5	U
108-10-1	4-Methyl-2-pentanone		11	U
108-88-3	Toluene		19	
10061-02-6	trans-1,3-Dichloropropene		5.5	U
79-00-5	1,1,2-Trichloroethane		5.5	U
127-18-4	Tetrachloroethene		5.5	U
591-78-6	2-Hexanone		11	U
124-48-1	Dibromochloromethane		5.5	U
106-93-4	1,2-Dibromoethane		5.5	U
108-90-7	Chlorobenzene		5.5	U
100-41-4	Ethylbenzene		8.0	
95-47-6	o-Xylene		5.5	U
179601-23-	m,p-Xylene		8.6	
100-42-5	Styrene		5.5	U
75-25-2	Bromoform		5.5	U
98-82-8	Isopropylbenzene		5.5	U
79-34-5	1,1,2,2-Tetrachloroethane		5.5	U
541-73-1	1,3-Dichlorobenzene		5.5	U
106-46-7	1,4-Dichlorobenzene		5.5	U
95-50-1	1,2-Dichlorobenzene		5.5	U
96-12-8	1,2-Dibromo-3-chloropropane		5.5	U
120-82-1	1,2,4-Trichlorobenzene		5.5	U
87-61-6	1,2,3-Trichlorobenzene		5.5	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-11 (10-11)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-16

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016848.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 9.0

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
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11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-11 (10-11) RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-16RE

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016867.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 9

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume:

(uL) Soil Aliquot Volume: (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.5	U
74-87-3	Chloromethane	5.5	U
75-01-4	Vinyl Chloride	5.5	U
74-83-9	Bromomethane	5.5	U
75-00-3	Chloroethane	5.5	U
75-69-4	Trichlorofluoromethane	5.5	U
75-35-4	1,1-Dichloroethene	5.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.5	U
67-64-1	Acetone	19	
75-15-0	Carbon disulfide	5.5	U
79-20-9	Methyl acetate	5.5	U
75-09-2	Methylene chloride	5.5	U
156-60-5	trans-1,2-Dichloroethene	5.5	U
1634-04-4	Methyl tert-Butyl ether	5.5	U
75-34-3	1,1-Dichloroethane	5.5	U
156-59-2	cis-1,2-Dichloroethene	5.5	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.5	U
67-66-3	Chloroform	5.5	U
71-55-6	1,1,1-Trichloroethane	5.5	U
110-82-7	Cyclohexane	5.5	U
56-23-5	Carbon Tetrachloride	5.5	U
71-43-2	Benzene	43	
107-06-2	1,2-Dichloroethane	5.5	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-11 (10-11)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-16RE

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016867.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 9

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	10	
108-87-2	Methylcyclohexane	5.5	U
78-87-5	1,2-Dichloropropane	5.5	U
75-27-4	Bromodichloromethane	5.5	U
10061-01-5	cis-1,3-Dichloropropene	5.5	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	19	
10061-02-6	trans-1,3-Dichloropropene	5.5	U
79-00-5	1,1,2-Trichloroethane	5.5	U
127-18-4	Tetrachloroethene	5.5	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.5	U
106-93-4	1,2-Dibromoethane	5.5	U
108-90-7	Chlorobenzene	5.5	U
100-41-4	Ethylbenzene	11	
95-47-6	o-Xylene	5.5	U
179601-23-	m,p-Xylene	11	
100-42-5	Styrene	5.5	U
75-25-2	Bromoform	5.5	U
98-82-8	Isopropylbenzene	5.5	U
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U
541-73-1	1,3-Dichlorobenzene	5.5	U
106-46-7	1,4-Dichlorobenzene	5.5	U
95-50-1	1,2-Dichlorobenzene	5.5	U
96-12-8	1,2-Dibromo-3-chloropropane	5.5	U
120-82-1	1,2,4-Trichlorobenzene	5.5	U
87-61-6	1,2,3-Trichlorobenzene	5.5	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-11 (10-11) RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM

Case No.: Z1755

Mod. Ref No.: Z1755

SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-16RE

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016867.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 9.0

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	1E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-11(16-18)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8(1.5-3)

Matrix SOIL Lab Sample ID: Z1755-18

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016868.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 13 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>		Q
75-71-8	Dichlorodifluoromethane	160		
74-87-3	Chloromethane	5.7		U
75-01-4	Vinyl Chloride	5.7		U
74-83-9	Bromomethane	5.7		U
75-00-3	Chloroethane	5.7		U
75-69-4	Trichlorofluoromethane	5.7		U
75-35-4	1,1-Dichloroethene	5.7		U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7		U
67-64-1	Acetone	24		
75-15-0	Carbon disulfide	5.7		U
79-20-9	Methyl acetate	5.7		U
75-09-2	Methylene chloride	18		
156-60-5	trans-1,2-Dichloroethene	5.7		U
1634-04-4	Methyl tert-Butyl ether	5.7		U
75-34-3	1,1-Dichloroethane	5.7		U
156-59-2	cis-1,2-Dichloroethene	5.7		U
78-93-3	2-Butanone	11		U
74-97-5	Bromochloromethane	5.7		U
67-66-3	Chloroform	5.7		U
71-55-6	1,1,1-Trichloroethane	5.7		U
110-82-7	Cyclohexane	5.7		U
56-23-5	Carbon Tetrachloride	5.7		U
71-43-2	Benzene	230		E
107-06-2	1,2-Dichloroethane	5.7		U
123-91-1	1,4-Dioxane	110		U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-11 (16-18)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-18

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016868.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 13

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	39	
108-87-2	Methylcyclohexane	5.7	U
78-87-5	1,2-Dichloropropane	5.7	U
75-27-4	Bromodichloromethane	5.7	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	40	
10061-02-6	trans-1,3-Dichloropropene	5.7	U
79-00-5	1,1,2-Trichloroethane	5.7	U
127-18-4	Tetrachloroethene	5.7	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.7	U
106-93-4	1,2-Dibromoethane	5.7	U
108-90-7	Chlorobenzene	5.7	U
100-41-4	Ethylbenzene	14	
95-47-6	o-Xylene	6.1	
179601-23-	m,p-Xylene	9.3	
100-42-5	Styrene	5.7	U
75-25-2	Bromoform	5.7	U
98-82-8	Isopropylbenzene	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U
541-73-1	1,3-Dichlorobenzene	5.7	U
106-46-7	1,4-Dichlorobenzene	5.7	U
95-50-1	1,2-Dichlorobenzene	5.7	U
96-12-8	1,2-Dibromo-3-chloropropane	5.7	U
120-82-1	1,2,4-Trichlorobenzene	5.7	U
87-61-6	1,2,3-Trichlorobenzene	5.7	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-11 (16-18)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8 (1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-18

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016868.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 13

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	1E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-11 (16-18) DL

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-18DL

Sample wt/vol: 1.02 (g/mL) g Lab File ID: VI016976.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 13 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	2200	D
74-87-3	Chloromethane	140	U
75-01-4	Vinyl Chloride	140	U
74-83-9	Bromomethane	140	U
75-00-3	Chloroethane	140	U
75-69-4	Trichlorofluoromethane	140	U
75-35-4	1,1-Dichloroethene	140	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	140	U
67-64-1	Acetone	280	U
75-15-0	Carbon disulfide	140	U
79-20-9	Methyl acetate	140	U
75-09-2	Methylene chloride	140	U
156-60-5	trans-1,2-Dichloroethene	140	U
1634-04-4	Methyl tert-Butyl ether	140	U
75-34-3	1,1-Dichloroethane	140	U
156-59-2	cis-1,2-Dichloroethene	140	U
78-93-3	2-Butanone	280	U
74-97-5	Bromochloromethane	140	U
67-66-3	Chloroform	140	U
71-55-6	1,1,1-Trichloroethane	140	U
110-82-7	Cyclohexane	140	U
56-23-5	Carbon Tetrachloride	140	U
71-43-2	Benzene	870	D
107-06-2	1,2-Dichloroethane	140	U
123-91-1	1,4-Dioxane	2800	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-11 (16-18)DL

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-18DL

Sample wt/vol: 1.02 (g/mL) g Lab File ID: VI016976.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 13 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
79-01-6	Trichloroethene		300	D
108-87-2	Methylcyclohexane		140	U
78-87-5	1,2-Dichloropropane		140	U
75-27-4	Bromodichloromethane		140	U
10061-01-5	cis-1,3-Dichloropropene		140	U
108-10-1	4-Methyl-2-pentanone		280	U
108-88-3	Toluene		170	D
10061-02-6	trans-1,3-Dichloropropene		140	U
79-00-5	1,1,2-Trichloroethane		140	U
127-18-4	Tetrachloroethene		140	U
591-78-6	2-Hexanone		280	U
124-48-1	Dibromochloromethane		140	U
106-93-4	1,2-Dibromoethane		140	U
108-90-7	Chlorobenzene		140	U
100-41-4	Ethylbenzene		140	U
95-47-6	o-Xylene		140	U
179601-23-	m,p-Xylene		140	U
100-42-5	Styrene		140	U
75-25-2	Bromoform		140	U
98-82-8	Isopropylbenzene		140	U
79-34-5	1,1,2,2-Tetrachloroethane		140	U
541-73-1	1,3-Dichlorobenzene		140	U
106-46-7	1,4-Dichlorobenzene		140	U
95-50-1	1,2-Dichlorobenzene		140	U
96-12-8	1,2-Dibromo-3-chloropropane		140	U
120-82-1	1,2,4-Trichlorobenzene		140	U
87-61-6	1,2,3-Trichlorobenzene		140	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-11 (16-18) DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-18DL

Sample wt/vol: 1.0 (g/mL) g

Lab File ID: VI016976.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 13

Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 5.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	1E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-2-29-08

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8(1.5-3)

Matrix SOIL Lab Sample ID: Z1755-19

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016835.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 0.0 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>		Q
75-71-8	Dichlorodifluoromethane	5.0		U
74-87-3	Chloromethane	5.0		U
75-01-4	Vinyl Chloride	5.0		U
74-83-9	Bromomethane	5.0		U
75-00-3	Chloroethane	5.0		U
75-69-4	Trichlorofluoromethane	5.0		U
75-35-4	1,1-Dichloroethene	5.0		U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		U
67-64-1	Acetone	10		U
75-15-0	Carbon disulfide	5.0		U
79-20-9	Methyl acetate	5.0		U
75-09-2	Methylene chloride	5.0		U
156-60-5	trans-1,2-Dichloroethene	5.0		U
1634-04-4	Methyl tert-Butyl ether	5.0		U
75-34-3	1,1-Dichloroethane	5.0		U
156-59-2	cis-1,2-Dichloroethene	5.0		U
78-93-3	2-Butanone	10		U
74-97-5	Bromochloromethane	5.0		U
67-66-3	Chloroform	5.0		U
71-55-6	1,1,1-Trichloroethane	5.0		U
110-82-7	Cyclohexane	5.0		U
56-23-5	Carbon Tetrachloride	5.0		U
71-43-2	Benzene	5.0		U
107-06-2	1,2-Dichloroethane	5.0		U
123-91-1	1,4-Dioxane	100		U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-2-29-08

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8(1.5-3)

Matrix SOIL Lab Sample ID: Z1755-19

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016835.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 0.0 Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
79-01-6	Trichloroethene		5.0	U
108-87-2	Methylcyclohexane		5.0	U
78-87-5	1,2-Dichloropropane		5.0	U
75-27-4	Bromodichloromethane		5.0	U
10061-01-5	cis-1,3-Dichloropropene		5.0	U
108-10-1	4-Methyl-2-pentanone		10	U
108-88-3	Toluene		5.0	U
10061-02-6	trans-1,3-Dichloropropene		5.0	U
79-00-5	1,1,2-Trichloroethane		5.0	U
127-18-4	Tetrachloroethene		5.0	U
591-78-6	2-Hexanone		10	U
124-48-1	Dibromochloromethane		5.0	U
106-93-4	1,2-Dibromoethane		5.0	U
108-90-7	Chlorobenzene		5.0	U
100-41-4	Ethylbenzene		5.0	U
95-47-6	o-Xylene		5.0	U
179601-23-	m,p-Xylene		5.0	U
100-42-5	Styrene		5.0	U
75-25-2	Bromoform		5.0	U
98-82-8	Isopropylbenzene		5.0	U
79-34-5	1,1,2,2-Tetrachloroethane		5.0	U
541-73-1	1,3-Dichlorobenzene		5.0	U
106-46-7	1,4-Dichlorobenzene		5.0	U
95-50-1	1,2-Dichlorobenzene		5.0	U
96-12-8	1,2-Dibromo-3-chloropropane		5.0	U
120-82-1	1,2,4-Trichlorobenzene		5.0	U
87-61-6	1,2,3-Trichlorobenzene		5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB-2-29-08

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-19

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016835.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 0.0

Date Analyzed: 03/11/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-2

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL Lab Sample ID: Z1755-20

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016857.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 21 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.3	U
74-87-3	Chloromethane	6.3	U
75-01-4	Vinyl Chloride	6.3	U
74-83-9	Bromomethane	6.3	U
75-00-3	Chloroethane	6.3	U
75-69-4	Trichlorofluoromethane	6.3	U
75-35-4	1,1-Dichloroethene	6.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.3	U
67-64-1	Acetone	20	
75-15-0	Carbon disulfide	6.3	U
79-20-9	Methyl acetate	6.3	U
75-09-2	Methylene chloride	6.3	U
156-60-5	trans-1,2-Dichloroethene	6.3	U
1634-04-4	Methyl tert-Butyl ether	6.3	U
75-34-3	1,1-Dichloroethane	6.3	U
156-59-2	cis-1,2-Dichloroethene	6.3	U
78-93-3	2-Butanone	13	U
74-97-5	Bromochloromethane	6.3	U
67-66-3	Chloroform	6.3	U
71-55-6	1,1,1-Trichloroethane	6.3	U
110-82-7	Cyclohexane	6.3	U
56-23-5	Carbon Tetrachloride	6.3	U
71-43-2	Benzene	6.3	U
107-06-2	1,2-Dichloroethane	6.3	U
123-91-1	1,4-Dioxane	130	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755

Mod. Ref No.: Z1755 SDG ETB-8 (1.5-3)

Matrix SOIL

Lab Sample ID: Z1755-20

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016857.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/01/2008

% Moisture: not dec. 21

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/Kg	
79-01-6	Trichloroethene		6.3	U
108-87-2	Methylcyclohexane		6.3	U
78-87-5	1,2-Dichloropropane		6.3	U
75-27-4	Bromodichloromethane		6.3	U
10061-01-5	cis-1,3-Dichloropropene		6.3	U
108-10-1	4-Methyl-2-pentanone		13	U
108-88-3	Toluene		6.3	U
10061-02-6	trans-1,3-Dichloropropene		6.3	U
79-00-5	1,1,2-Trichloroethane		6.3	U
127-18-4	Tetrachloroethene		6.3	U
591-78-6	2-Hexanone		13	U
124-48-1	Dibromochloromethane		6.3	U
106-93-4	1,2-Dibromoethane		6.3	U
108-90-7	Chlorobenzene		6.3	U
100-41-4	Ethylbenzene		6.3	U
95-47-6	o-Xylene		6.3	U
179601-23-	m,p-Xylene		6.3	U
100-42-5	Styrene		6.3	U
75-25-2	Bromoform		6.3	U
98-82-8	Isopropylbenzene		6.3	U
79-34-5	1,1,2,2-Tetrachloroethane		6.3	U
541-73-1	1,3-Dichlorobenzene		6.3	U
106-46-7	1,4-Dichlorobenzene		6.3	U
95-50-1	1,2-Dichlorobenzene		6.3	U
96-12-8	1,2-Dibromo-3-chloropropane		6.3	U
120-82-1	1,2,4-Trichlorobenzene		6.3	U
87-61-6	1,2,3-Trichlorobenzene		6.3	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP-2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1755 Mod. Ref No.: Z1755 SDG No.: ETB-8(1.5-3)

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: Z1755-20

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016857.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/01/2008

% Moisture: not dec. 21

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

CHEMTECH

QC:

PERCENT SOLIDS

ANALYST: _____

DATE: _____

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
Z1755-01	ETB-8(1.5-3)	16	1.16	7.48	6.2	79.8
Z1755-02	ETB-8(5-7.4)	17	1.18	7.78	6.33	78.1
Z1755-03	ETB-8(12-14)	18	1.18	7.27	6.83	92.8
Z1755-05	ETB-9(1-3)	19	1.13	7.44	6.38	83.3
Z1755-06	ETB-9(6-7.5)	20	1.12	7.62	6.37	80.8
Z1755-07	ETB-9(12-14)	21	1.15	7.44	6.87	91.0
Z1755-09	ETB-9-MS	22	NR	NR	NR	NR
Z1755-10	ETB-9-MSD	23	NR	NR	NR	NR
Z1755-11	ETB-10(2-3.5)	24	1.15	7.15	5.97	80.4
Z1755-12	ETB-10(7-8.5)	25	1.13	7.18	6.37	86.7
Z1755-13	ETB-10(12-14)	26	1.16	7.44	6.9	91.5
Z1755-15	ETB-11(5-7.5)	27	1.18	7.44	6.37	83.0
Z1755-16	ETB-11(10-11)	28	1.12	7.58	6.96	90.5
Z1755-18	ETB-11(16-18)	29	1.12	7.46	6.66	87.4
Z1755-20	DUP-2	30	1.19	7.01	5.81	79.4

OVEN TEMP: _____

TIME IN: _____

TIME OUT: _____

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: NYSDEC North East Alloys

**EARTH TECH, INC.
40 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
5189512200**

**CHEMTECH PROJECT NO.
ATTENTION:**

**Z1758
Caroline Benedict**

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-12(1-3)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-01

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016870.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 0.0 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	30	
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-Butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-12(1-3)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-01

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016870.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 0.0 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-12(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-01

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016870.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 0.0 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-12(6-8)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-02

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016871.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 24 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.6	U
74-87-3	Chloromethane	6.6	U
75-01-4	Vinyl Chloride	6.6	U
74-83-9	Bromomethane	6.6	U
75-00-3	Chloroethane	6.6	U
75-69-4	Trichlorofluoromethane	6.6	U
75-35-4	1,1-Dichloroethene	6.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.6	U
67-64-1	Acetone	30	
75-15-0	Carbon disulfide	6.6	U
79-20-9	Methyl acetate	6.6	U
75-09-2	Methylene chloride	6.6	U
156-60-5	trans-1,2-Dichloroethene	6.6	U
1634-04-4	Methyl tert-Butyl ether	6.6	U
75-34-3	1,1-Dichloroethane	6.6	U
156-59-2	cis-1,2-Dichloroethene	6.6	U
78-93-3	2-Butanone	13	U
74-97-5	Bromochloromethane	6.6	U
67-66-3	Chloroform	6.6	U
71-55-6	1,1,1-Trichloroethane	6.6	U
110-82-7	Cyclohexane	6.6	U
56-23-5	Carbon Tetrachloride	6.6	U
71-43-2	Benzene	6.6	U
107-06-2	1,2-Dichloroethane	6.6	U
123-91-1	1,4-Dioxane	130	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-12(6-8)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-02

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016871.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 24 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	6.6	U
108-87-2	Methylcyclohexane	6.6	U
78-87-5	1,2-Dichloropropane	6.6	U
75-27-4	Bromodichloromethane	6.6	U
10061-01-5	cis-1,3-Dichloropropene	6.6	U
108-10-1	4-Methyl-2-pentanone	13	U
108-88-3	Toluene	6.6	U
10061-02-6	trans-1,3-Dichloropropene	6.6	U
79-00-5	1,1,2-Trichloroethane	6.6	U
127-18-4	Tetrachloroethene	6.6	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	6.6	U
106-93-4	1,2-Dibromoethane	6.6	U
108-90-7	Chlorobenzene	6.6	U
100-41-4	Ethylbenzene	6.6	J
95-47-6	o-Xylene	6.6	U
179601-23-1	m,p-Xylene	9.3	
100-42-5	Styrene	6.6	U
75-25-2	Bromoform	6.6	U
98-82-8	Isopropylbenzene	6.6	U
79-34-5	1,1,2,2-Tetrachloroethane	6.6	U
541-73-1	1,3-Dichlorobenzene	6.6	U
106-46-7	1,4-Dichlorobenzene	6.6	U
95-50-1	1,2-Dichlorobenzene	6.6	U
96-12-8	1,2-Dibromo-3-chloropropane	6.6	U
120-82-1	1,2,4-Trichlorobenzene	6.6	U
87-61-6	1,2,3-Trichlorobenzene	6.6	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-12(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-02

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016871.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 24 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-12(10-12)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-03

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016872.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.4	U
74-87-3	Chloromethane	6.4	U
75-01-4	Vinyl Chloride	6.4	U
74-83-9	Bromomethane	6.4	U
75-00-3	Chloroethane	6.4	U
75-69-4	Trichlorofluoromethane	6.4	U
75-35-4	1,1-Dichloroethene	6.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.4	U
67-64-1	Acetone	70	
75-15-0	Carbon disulfide	6.4	U
79-20-9	Methyl acetate	6.4	U
75-09-2	Methylene chloride	6.4	U
156-60-5	trans-1,2-Dichloroethene	6.4	U
1634-04-4	Methyl tert-Butyl ether	6.4	U
75-34-3	1,1-Dichloroethane	6.4	U
156-59-2	cis-1,2-Dichloroethene	6.4	U
78-93-3	2-Butanone	21	
74-97-5	Bromochloromethane	6.4	U
67-66-3	Chloroform	6.4	U
71-55-6	1,1,1-Trichloroethane	6.4	U
110-82-7	Cyclohexane	6.4	U
56-23-5	Carbon Tetrachloride	6.4	U
71-43-2	Benzene	17	
107-06-2	1,2-Dichloroethane	6.4	U
123-91-1	1,4-Dioxane	130	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-12(10-12)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-03

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016872.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	6.4	U
108-87-2	Methylcyclohexane	6.4	U
78-87-5	1,2-Dichloropropane	6.4	U
75-27-4	Bromodichloromethane	6.4	U
10061-01-5	cis-1,3-Dichloropropene	6.4	U
108-10-1	4-Methyl-2-pentanone	13	U
108-88-3	Toluene	11	
10061-02-6	trans-1,3-Dichloropropene	6.4	U
79-00-5	1,1,2-Trichloroethane	6.4	U
127-18-4	Tetrachloroethene	6.4	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	6.4	U
106-93-4	1,2-Dibromoethane	6.4	U
108-90-7	Chlorobenzene	6.4	U
100-41-4	Ethylbenzene	15	
95-47-6	o-Xylene	9.8	
179601-23-1	m,p-Xylene	21	
100-42-5	Styrene	6.4	U
75-25-2	Bromoform	6.4	U
98-82-8	Isopropylbenzene	6.4	U
79-34-5	1,1,2,2-Tetrachloroethane	6.4	U
541-73-1	1,3-Dichlorobenzene	6.4	U
106-46-7	1,4-Dichlorobenzene	6.4	U
95-50-1	1,2-Dichlorobenzene	6.4	U
96-12-8	1,2-Dibromo-3-chloropropane	6.4	U
120-82-1	1,2,4-Trichlorobenzene	6.4	U
87-61-6	1,2,3-Trichlorobenzene	6.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-12(10-12)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-03

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016872.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-12(10-12)RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-03RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016920.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.4	U
74-87-3	Chloromethane	6.4	U
75-01-4	Vinyl Chloride	6.4	U
74-83-9	Bromomethane	6.4	U
75-00-3	Chloroethane	6.4	U
75-69-4	Trichlorofluoromethane	6.4	U
75-35-4	1,1-Dichloroethene	6.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.4	U
67-64-1	Acetone	54	
75-15-0	Carbon disulfide	6.4	U
79-20-9	Methyl acetate	6.4	U
75-09-2	Methylene chloride	6.4	U
156-60-5	trans-1,2-Dichloroethene	6.4	U
1634-04-4	Methyl tert-Butyl ether	6.4	U
75-34-3	1,1-Dichloroethane	6.4	U
156-59-2	cis-1,2-Dichloroethene	6.4	U
78-93-3	2-Butanone	14	
74-97-5	Bromochloromethane	6.4	U
67-66-3	Chloroform	6.4	U
71-55-6	1,1,1-Trichloroethane	6.4	U
110-82-7	Cyclohexane	6.4	U
56-23-5	Carbon Tetrachloride	6.4	U
71-43-2	Benzene	30	
107-06-2	1,2-Dichloroethane	6.4	U
123-91-1	1,4-Dioxane	130	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-12(10-12)RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-03RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016920.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	8.3	
108-87-2	Methylcyclohexane	6.4	U
78-87-5	1,2-Dichloropropane	6.4	U
75-27-4	Bromodichloromethane	6.4	U
10061-01-5	cis-1,3-Dichloropropene	6.4	U
108-10-1	4-Methyl-2-pentanone	13	U
108-88-3	Toluene	20	
10061-02-6	trans-1,3-Dichloropropene	6.4	U
79-00-5	1,1,2-Trichloroethane	6.4	U
127-18-4	Tetrachloroethene	6.4	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	6.4	U
106-93-4	1,2-Dibromoethane	6.4	U
108-90-7	Chlorobenzene	6.4	U
100-41-4	Ethylbenzene	27	
95-47-6	o-Xylene	18	
179601-23-1	m,p-Xylene	38	
100-42-5	Styrene	6.4	U
75-25-2	Bromoform	6.4	U
98-82-8	Isopropylbenzene	6.4	U
79-34-5	1,1,2,2-Tetrachloroethane	6.4	U
541-73-1	1,3-Dichlorobenzene	6.4	U
106-46-7	1,4-Dichlorobenzene	6.4	U
95-50-1	1,2-Dichlorobenzene	6.4	U
96-12-8	1,2-Dibromo-3-chloropropane	6.4	U
120-82-1	1,2,4-Trichlorobenzene	6.4	U
87-61-6	1,2,3-Trichlorobenzene	6.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-12(10-12)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-03RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016920.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-12(16-18)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-04

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016873.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 9 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	210	E
74-87-3	Chloromethane	5.5	U
75-01-4	Vinyl Chloride	5.5	U
74-83-9	Bromomethane	5.5	U
75-00-3	Chloroethane	5.5	U
75-69-4	Trichlorofluoromethane	5.5	U
75-35-4	1,1-Dichloroethene	5.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.5	U
67-64-1	Acetone	18	
75-15-0	Carbon disulfide	5.5	U
79-20-9	Methyl acetate	5.5	U
75-09-2	Methylene chloride	9.3	
156-60-5	trans-1,2-Dichloroethene	5.5	U
1634-04-4	Methyl tert-Butyl ether	5.5	U
75-34-3	1,1-Dichloroethane	5.5	U
156-59-2	cis-1,2-Dichloroethene	5.5	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.5	U
67-66-3	Chloroform	5.5	U
71-55-6	1,1,1-Trichloroethane	5.5	U
110-82-7	Cyclohexane	5.5	U
56-23-5	Carbon Tetrachloride	5.5	U
71-43-2	Benzene	130	E
107-06-2	1,2-Dichloroethane	5.5	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-12(16-18)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-04

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016873.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 9 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	5.5	U
108-87-2	Methylcyclohexane	5.5	U
78-87-5	1,2-Dichloropropane	5.5	U
75-27-4	Bromodichloromethane	5.5	U
10061-01-5	cis-1,3-Dichloropropene	5.5	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	21	
10061-02-6	trans-1,3-Dichloropropene	5.5	U
79-00-5	1,1,2-Trichloroethane	5.5	U
127-18-4	Tetrachloroethene	5.5	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.5	U
106-93-4	1,2-Dibromoethane	5.5	U
108-90-7	Chlorobenzene	5.5	U
100-41-4	Ethylbenzene	7.6	
95-47-6	o-Xylene	5.5	U
179601-23-1	m,p-Xylene	7.7	
100-42-5	Styrene	5.5	U
75-25-2	Bromoform	5.5	U
98-82-8	Isopropylbenzene	5.5	U
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U
541-73-1	1,3-Dichlorobenzene	5.5	U
106-46-7	1,4-Dichlorobenzene	5.5	U
95-50-1	1,2-Dichlorobenzene	5.5	U
96-12-8	1,2-Dibromo-3-chloropropane	5.5	U
120-82-1	1,2,4-Trichlorobenzene	5.5	U
87-61-6	1,2,3-Trichlorobenzene	5.5	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-12(16-18)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-04

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016873.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 9.0 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-12(16-18)RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-04RE

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016921.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 9 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	210	E
74-87-3	Chloromethane	5.5	U
75-01-4	Vinyl Chloride	5.5	U
74-83-9	Bromomethane	5.5	U
75-00-3	Chloroethane	5.5	U
75-69-4	Trichlorofluoromethane	5.5	U
75-35-4	1,1-Dichloroethene	5.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.5	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.5	U
79-20-9	Methyl acetate	5.5	U
75-09-2	Methylene chloride	11	
156-60-5	trans-1,2-Dichloroethene	5.5	U
1634-04-4	Methyl tert-Butyl ether	5.5	U
75-34-3	1,1-Dichloroethane	5.5	U
156-59-2	cis-1,2-Dichloroethene	5.5	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.5	U
67-66-3	Chloroform	5.5	U
71-55-6	1,1,1-Trichloroethane	5.5	U
110-82-7	Cyclohexane	5.5	U
56-23-5	Carbon Tetrachloride	5.5	U
71-43-2	Benzene	130	E
107-06-2	1,2-Dichloroethane	5.5	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-12(16-18)RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-04RE

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016921.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 9 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	5.5	U
108-87-2	Methylcyclohexane	5.5	U
78-87-5	1,2-Dichloropropane	5.5	U
75-27-4	Bromodichloromethane	5.5	U
10061-01-5	cis-1,3-Dichloropropene	5.5	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	23	
10061-02-6	trans-1,3-Dichloropropene	5.5	U
79-00-5	1,1,2-Trichloroethane	5.5	U
127-18-4	Tetrachloroethene	5.5	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.5	U
106-93-4	1,2-Dibromoethane	5.5	U
108-90-7	Chlorobenzene	5.5	U
100-41-4	Ethylbenzene	8.5	
95-47-6	o-Xylene	5.5	U
179601-23-1	m,p-Xylene	9.3	
100-42-5	Styrene	5.5	U
75-25-2	Bromoform	5.5	U
98-82-8	Isopropylbenzene	5.5	U
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U
541-73-1	1,3-Dichlorobenzene	5.5	U
106-46-7	1,4-Dichlorobenzene	5.5	U
95-50-1	1,2-Dichlorobenzene	5.5	U
96-12-8	1,2-Dibromo-3-chloropropane	5.5	U
120-82-1	1,2,4-Trichlorobenzene	5.5	U
87-61-6	1,2,3-Trichlorobenzene	5.5	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-12(16-18)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-04RE

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016921.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 9.0 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.		unknown8.15	8.15	30	J
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-13(1-3)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-07

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016874.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.4	U
74-87-3	Chloromethane	6.4	U
75-01-4	Vinyl Chloride	6.4	U
74-83-9	Bromomethane	6.4	U
75-00-3	Chloroethane	6.4	U
75-69-4	Trichlorofluoromethane	6.4	U
75-35-4	1,1-Dichloroethene	6.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.4	U
67-64-1	Acetone	13	U
75-15-0	Carbon disulfide	6.4	U
79-20-9	Methyl acetate	6.4	U
75-09-2	Methylene chloride	6.4	U
156-60-5	trans-1,2-Dichloroethene	6.4	U
1634-04-4	Methyl tert-Butyl ether	6.4	U
75-34-3	1,1-Dichloroethane	6.4	U
156-59-2	cis-1,2-Dichloroethene	6.4	U
78-93-3	2-Butanone	13	U
74-97-5	Bromochloromethane	6.4	U
67-66-3	Chloroform	6.4	U
71-55-6	1,1,1-Trichloroethane	6.4	U
110-82-7	Cyclohexane	6.4	U
56-23-5	Carbon Tetrachloride	6.4	U
71-43-2	Benzene	9.4	
107-06-2	1,2-Dichloroethane	6.4	U
123-91-1	1,4-Dioxane	130	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-13(1-3)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-07

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016874.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	6.4	U
108-87-2	Methylcyclohexane	6.4	U
78-87-5	1,2-Dichloropropane	6.4	U
75-27-4	Bromodichloromethane	6.4	U
10061-01-5	cis-1,3-Dichloropropene	6.4	U
108-10-1	4-Methyl-2-pentanone	13	U
108-88-3	Toluene	6.4	U
10061-02-6	trans-1,3-Dichloropropene	6.4	U
79-00-5	1,1,2-Trichloroethane	6.4	U
127-18-4	Tetrachloroethene	6.4	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	6.4	U
106-93-4	1,2-Dibromoethane	6.4	U
108-90-7	Chlorobenzene	6.4	U
100-41-4	Ethylbenzene	13	
95-47-6	o-Xylene	12	
179601-23-1	m,p-Xylene	19	
100-42-5	Styrene	6.4	U
75-25-2	Bromoform	6.4	U
98-82-8	Isopropylbenzene	6.4	U
79-34-5	1,1,2,2-Tetrachloroethane	6.4	U
541-73-1	1,3-Dichlorobenzene	6.4	U
106-46-7	1,4-Dichlorobenzene	6.4	U
95-50-1	1,2-Dichlorobenzene	6.4	U
96-12-8	1,2-Dibromo-3-chloropropane	6.4	U
120-82-1	1,2,4-Trichlorobenzene	6.4	U
87-61-6	1,2,3-Trichlorobenzene	6.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-13(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-07

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016874.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-13(1-3)RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-07RE

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016922.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.4	U
74-87-3	Chloromethane	6.4	U
75-01-4	Vinyl Chloride	6.4	U
74-83-9	Bromomethane	6.4	U
75-00-3	Chloroethane	6.4	U
75-69-4	Trichlorofluoromethane	6.4	U
75-35-4	1,1-Dichloroethene	6.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.4	U
67-64-1	Acetone	13	U
75-15-0	Carbon disulfide	6.4	U
79-20-9	Methyl acetate	6.4	U
75-09-2	Methylene chloride	6.4	U
156-60-5	trans-1,2-Dichloroethene	6.4	U
1634-04-4	Methyl tert-Butyl ether	6.4	U
75-34-3	1,1-Dichloroethane	6.4	U
156-59-2	cis-1,2-Dichloroethene	6.4	U
78-93-3	2-Butanone	13	U
74-97-5	Bromochloromethane	6.4	U
67-66-3	Chloroform	6.4	U
71-55-6	1,1,1-Trichloroethane	6.4	U
110-82-7	Cyclohexane	6.4	U
56-23-5	Carbon Tetrachloride	6.4	U
71-43-2	Benzene	6.4	U
107-06-2	1,2-Dichloroethane	6.4	U
123-91-1	1,4-Dioxane	130	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-13(1-3)RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-07RE

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016922.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	6.4	U
108-87-2	Methylcyclohexane	6.4	U
78-87-5	1,2-Dichloropropane	6.4	U
75-27-4	Bromodichloromethane	6.4	U
10061-01-5	cis-1,3-Dichloropropene	6.4	U
108-10-1	4-Methyl-2-pentanone	13	U
108-88-3	Toluene	6.4	U
10061-02-6	trans-1,3-Dichloropropene	6.4	U
79-00-5	1,1,2-Trichloroethane	6.4	U
127-18-4	Tetrachloroethene	6.4	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	6.4	U
106-93-4	1,2-Dibromoethane	6.4	U
108-90-7	Chlorobenzene	6.4	U
100-41-4	Ethylbenzene	16	
95-47-6	o-Xylene	13	
179601-23-1	m,p-Xylene	22	
100-42-5	Styrene	6.4	U
75-25-2	Bromoform	6.4	U
98-82-8	Isopropylbenzene	6.4	U
79-34-5	1,1,2,2-Tetrachloroethane	6.4	U
541-73-1	1,3-Dichlorobenzene	6.4	U
106-46-7	1,4-Dichlorobenzene	6.4	U
95-50-1	1,2-Dichlorobenzene	6.4	U
96-12-8	1,2-Dibromo-3-chloropropane	6.4	U
120-82-1	1,2,4-Trichlorobenzene	6.4	U
87-61-6	1,2,3-Trichlorobenzene	6.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-13(1-3)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-07RE

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016922.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 22 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.	000496-11-7	Indane	14.27	31	JN
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-13(6-8)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-08

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016875.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 18 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.1	U
74-87-3	Chloromethane	6.1	U
75-01-4	Vinyl Chloride	6.1	U
74-83-9	Bromomethane	6.1	U
75-00-3	Chloroethane	6.1	U
75-69-4	Trichlorofluoromethane	6.1	U
75-35-4	1,1-Dichloroethene	6.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	U
67-64-1	Acetone	28	
75-15-0	Carbon disulfide	6.1	U
79-20-9	Methyl acetate	6.1	U
75-09-2	Methylene chloride	6.1	U
156-60-5	trans-1,2-Dichloroethene	6.1	U
1634-04-4	Methyl tert-Butyl ether	6.1	U
75-34-3	1,1-Dichloroethane	6.1	U
156-59-2	cis-1,2-Dichloroethene	6.1	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.1	U
67-66-3	Chloroform	6.1	U
71-55-6	1,1,1-Trichloroethane	6.1	U
110-82-7	Cyclohexane	6.1	U
56-23-5	Carbon Tetrachloride	6.1	U
71-43-2	Benzene	6.1	U
107-06-2	1,2-Dichloroethane	6.1	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-13(6-8)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-08

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016875.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 18 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	6.1	U
108-87-2	Methylcyclohexane	6.1	U
78-87-5	1,2-Dichloropropane	6.1	U
75-27-4	Bromodichloromethane	6.1	U
10061-01-5	cis-1,3-Dichloropropene	6.1	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	6.1	U
10061-02-6	trans-1,3-Dichloropropene	6.1	U
79-00-5	1,1,2-Trichloroethane	6.1	U
127-18-4	Tetrachloroethene	6.1	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.1	U
106-93-4	1,2-Dibromoethane	6.1	U
108-90-7	Chlorobenzene	6.1	U
100-41-4	Ethylbenzene	6.1	U
95-47-6	o-Xylene	6.1	U
179601-23-1	m,p-Xylene	7.0	
100-42-5	Styrene	6.1	U
75-25-2	Bromoform	6.1	U
98-82-8	Isopropylbenzene	6.1	U
79-34-5	1,1,2,2-Tetrachloroethane	6.1	U
541-73-1	1,3-Dichlorobenzene	6.1	U
106-46-7	1,4-Dichlorobenzene	6.1	U
95-50-1	1,2-Dichlorobenzene	6.1	U
96-12-8	1,2-Dibromo-3-chloropropane	6.1	U
120-82-1	1,2,4-Trichlorobenzene	6.1	U
87-61-6	1,2,3-Trichlorobenzene	6.1	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-13(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-08

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016875.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 18 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-13(12.5-15)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-09

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016876.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 8 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.4	U
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl Chloride	5.4	U
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	5.4	U
75-35-4	1,1-Dichloroethene	5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.4	U
79-20-9	Methyl acetate	5.4	U
75-09-2	Methylene chloride	12	
156-60-5	trans-1,2-Dichloroethene	5.4	U
1634-04-4	Methyl tert-Butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	5.4	U
156-59-2	cis-1,2-Dichloroethene	5.4	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	5.4	U
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon Tetrachloride	5.4	U
71-43-2	Benzene	190	E
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-13(12.5-15)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-09

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016876.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 8 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	18	
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	53	
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	22	
95-47-6	o-Xylene	13	
179601-23-1	m,p-Xylene	27	
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-13(12.5-15)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-09

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016876.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 8.0 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.		unknown8.16	8.16	26	J
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
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20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-13(12.5-15)DL

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-09DL

Sample wt/vol: 1.01 (g/mL) g Lab File ID: VI016974.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 8 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	920	D
74-87-3	Chloromethane	130	U
75-01-4	Vinyl Chloride	130	U
74-83-9	Bromomethane	130	U
75-00-3	Chloroethane	130	U
75-69-4	Trichlorofluoromethane	130	U
75-35-4	1,1-Dichloroethene	130	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	130	U
67-64-1	Acetone	270	U
75-15-0	Carbon disulfide	130	U
79-20-9	Methyl acetate	130	U
75-09-2	Methylene chloride	130	U
156-60-5	trans-1,2-Dichloroethene	130	U
1634-04-4	Methyl tert-Butyl ether	130	U
75-34-3	1,1-Dichloroethane	130	U
156-59-2	cis-1,2-Dichloroethene	130	U
78-93-3	2-Butanone	270	U
74-97-5	Bromochloromethane	130	U
67-66-3	Chloroform	130	U
71-55-6	1,1,1-Trichloroethane	130	U
110-82-7	Cyclohexane	130	U
56-23-5	Carbon Tetrachloride	130	U
71-43-2	Benzene	390	D
107-06-2	1,2-Dichloroethane	130	U
123-91-1	1,4-Dioxane	2700	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-13(12.5-15)DL

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-09DL

Sample wt/vol: 1.01 (g/mL) g Lab File ID: VI016974.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 8 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	160	D
108-87-2	Methylcyclohexane	130	U
78-87-5	1,2-Dichloropropane	130	U
75-27-4	Bromodichloromethane	130	U
10061-01-5	cis-1,3-Dichloropropene	130	U
108-10-1	4-Methyl-2-pentanone	270	U
108-88-3	Toluene	170	D
10061-02-6	trans-1,3-Dichloropropene	130	U
79-00-5	1,1,2-Trichloroethane	130	U
127-18-4	Tetrachloroethene	130	U
591-78-6	2-Hexanone	270	U
124-48-1	Dibromochloromethane	130	U
106-93-4	1,2-Dibromoethane	130	U
108-90-7	Chlorobenzene	130	U
100-41-4	Ethylbenzene	130	U
95-47-6	o-Xylene	130	U
179601-23-1	m,p-Xylene	130	U
100-42-5	Styrene	130	U
75-25-2	Bromoform	130	U
98-82-8	Isopropylbenzene	130	U
79-34-5	1,1,2,2-Tetrachloroethane	130	U
541-73-1	1,3-Dichlorobenzene	130	U
106-46-7	1,4-Dichlorobenzene	130	U
95-50-1	1,2-Dichlorobenzene	130	U
96-12-8	1,2-Dibromo-3-chloropropane	130	U
120-82-1	1,2,4-Trichlorobenzene	130	U
87-61-6	1,2,3-Trichlorobenzene	130	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-13(12.5-15)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-09DL

Sample wt/vol: 1.01 (g/mL) g Lab File ID: VI016974.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 8.0 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-14(1.0-2.5)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-10

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016918.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 11 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.6	U
74-87-3	Chloromethane	5.6	U
75-01-4	Vinyl Chloride	5.6	U
74-83-9	Bromomethane	5.6	U
75-00-3	Chloroethane	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U
75-35-4	1,1-Dichloroethene	5.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.6	U
79-20-9	Methyl acetate	5.6	U
75-09-2	Methylene chloride	5.6	U
156-60-5	trans-1,2-Dichloroethene	5.6	U
1634-04-4	Methyl tert-Butyl ether	5.6	U
75-34-3	1,1-Dichloroethane	5.6	U
156-59-2	cis-1,2-Dichloroethene	5.6	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.6	U
67-66-3	Chloroform	5.6	U
71-55-6	1,1,1-Trichloroethane	5.6	U
110-82-7	Cyclohexane	5.6	U
56-23-5	Carbon Tetrachloride	5.6	U
71-43-2	Benzene	8.3	
107-06-2	1,2-Dichloroethane	5.6	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-14(1.0-2.5)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-10

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016918.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 11 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	63	
108-87-2	Methylcyclohexane	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U
75-27-4	Bromodichloromethane	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	6.6	
10061-02-6	trans-1,3-Dichloropropene	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.6	U
106-93-4	1,2-Dibromoethane	5.6	U
108-90-7	Chlorobenzene	5.6	U
100-41-4	Ethylbenzene	8.8	
95-47-6	o-Xylene	5.6	U
179601-23-1	m,p-Xylene	11	
100-42-5	Styrene	5.6	U
75-25-2	Bromoform	5.6	U
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U
87-61-6	1,2,3-Trichlorobenzene	5.6	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-14(1.0-2.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-10

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016918.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 11 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.		unknown8.15	8.15	7.3	J
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
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14.					
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23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-14(1.0-2.5)RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-10RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016924.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 11 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	5.6	U
74-87-3	Chloromethane	5.6	U
75-01-4	Vinyl Chloride	5.6	U
74-83-9	Bromomethane	5.6	U
75-00-3	Chloroethane	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U
75-35-4	1,1-Dichloroethene	5.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.6	U
79-20-9	Methyl acetate	5.6	U
75-09-2	Methylene chloride	5.6	U
156-60-5	trans-1,2-Dichloroethene	5.6	U
1634-04-4	Methyl tert-Butyl ether	5.6	U
75-34-3	1,1-Dichloroethane	5.6	U
156-59-2	cis-1,2-Dichloroethene	5.6	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.6	U
67-66-3	Chloroform	5.6	U
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	5.6	U
56-23-5	Carbon Tetrachloride	5.6	U
71-43-2	Benzene	11	
107-06-2	1,2-Dichloroethane	5.6	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-14(1.0-2.5)RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-10RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016924.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 11 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	87	
108-87-2	Methylcyclohexane	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U
75-27-4	Bromodichloromethane	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	6.7	
10061-02-6	trans-1,3-Dichloropropene	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.6	U
106-93-4	1,2-Dibromoethane	5.6	U
108-90-7	Chlorobenzene	5.6	U
100-41-4	Ethylbenzene	6.6	
95-47-6	o-Xylene	5.6	U
179601-23-1	m,p-Xylene	8.6	
100-42-5	Styrene	5.6	U
75-25-2	Bromoform	5.6	U
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U
87-61-6	1,2,3-Trichlorobenzene	5.6	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-14(1.0-2.5)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-10RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016924.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 11 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-14(10-12)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-11

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016919.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 20 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.2	U
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
75-35-4	1,1-Dichloroethene	6.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	6.2	U
79-20-9	Methyl acetate	6.2	U
75-09-2	Methylene chloride	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.2	U
1634-04-4	Methyl tert-Butyl ether	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
156-59-2	cis-1,2-Dichloroethene	6.2	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	6.2	U
110-82-7	Cyclohexane	6.2	U
56-23-5	Carbon Tetrachloride	6.2	U
71-43-2	Benzene	6.2	U
107-06-2	1,2-Dichloroethane	6.2	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-14(10-12)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1758-11

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016919.D

Level (TRACE/LOW/MED): LOW Date Received: 03/01/2008

% Moisture: not dec. 20 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	6.2	U
108-87-2	Methylcyclohexane	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	6.2	U
10061-02-6	trans-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
127-18-4	Tetrachloroethene	6.2	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethylbenzene	6.2	U
95-47-6	o-Xylene	6.2	U
179601-23-1	m,p-Xylene	6.2	U
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U
87-61-6	1,2,3-Trichlorobenzene	6.2	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-14(10-12)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1758 Mod. Ref No.: Z1758 SDG No.: Z1758-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1758-11

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016919.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/01/2008

% Moisture: not dec. 20 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.		unknown8.16	8.16	11	J
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

Summary Sheet
SW-846

SDG No.: Z1758-01
Client: Earth Tech, Inc.

Order ID: Z1758
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-12(10-12)							
Z1758-03	ETB-12(10-12)	SOIL	Acetone	70		13	13	ug/Kg
Z1758-03	ETB-12(10-12)	SOIL	2-Butanone	21		13	13	ug/Kg
Z1758-03	ETB-12(10-12)	SOIL	Benzene	17		6.4	6.4	ug/Kg
Z1758-03	ETB-12(10-12)	SOIL	Toluene	11		6.4	6.4	ug/Kg
Z1758-03	ETB-12(10-12)	SOIL	Ethylbenzene	15		6.4	6.4	ug/Kg
Z1758-03	ETB-12(10-12)	SOIL	o-Xylene	9.8		6.4	6.4	ug/Kg
Z1758-03	ETB-12(10-12)	SOIL	m,p-Xylene	21		6.4	6.4	ug/Kg
Total VOC's:				164.80				
Total TIC's:				0.00				
Total VOC's and TIC's:				164.80				
Client ID:	ETB-12(10-12)RE							
Z1758-03RE	ETB-12(10-12)RE	SOIL	Acetone	54		13	13	ug/Kg
Z1758-03RE	ETB-12(10-12)RE	SOIL	2-Butanone	14		13	13	ug/Kg
Z1758-03RE	ETB-12(10-12)RE	SOIL	Benzene	30		6.4	6.4	ug/Kg
Z1758-03RE	ETB-12(10-12)RE	SOIL	Trichloroethene	8.3		6.4	6.4	ug/Kg
Z1758-03RE	ETB-12(10-12)RE	SOIL	Toluene	20		6.4	6.4	ug/Kg
Z1758-03RE	ETB-12(10-12)RE	SOIL	Ethylbenzene	27		6.4	6.4	ug/Kg
Z1758-03RE	ETB-12(10-12)RE	SOIL	o-Xylene	18		6.4	6.4	ug/Kg
Z1758-03RE	ETB-12(10-12)RE	SOIL	m,p-Xylene	38		6.4	6.4	ug/Kg
Total VOC's:				209.30				
Total TIC's:				0.00				
Total VOC's and TIC's:				209.30				
Client ID:	ETB-12(1-3)							
Z1758-01	ETB-12(1-3)	SOIL	Acetone	30		10	10	ug/Kg
Total VOC's:				30.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				30.00				
Client ID:	ETB-12(16-18)							
Z1758-04	ETB-12(16-18)	SOIL	Dichlorodifluoromethane	210	E	5.5	5.5	ug/Kg
Z1758-04	ETB-12(16-18)	SOIL	Acetone	18		11	11	ug/Kg
Z1758-04	ETB-12(16-18)	SOIL	Methylene chloride	9.3		5.5	5.5	ug/Kg
Z1758-04	ETB-12(16-18)	SOIL	Benzene	130	E	5.5	5.5	ug/Kg
Z1758-04	ETB-12(16-18)	SOIL	Toluene	21		5.5	5.5	ug/Kg
Z1758-04	ETB-12(16-18)	SOIL	Ethylbenzene	7.6		5.5	5.5	ug/Kg
Z1758-04	ETB-12(16-18)	SOIL	m,p-Xylene	7.7		5.5	5.5	ug/Kg
Total VOC's:				403.60				
Total TIC's:				0.00				
Total VOC's and TIC's:				403.60				

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

Summary Sheet
SW-846

SDG No.: Z1758-01
Client: Earth Tech, Inc.

Order ID: Z1758
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-12(16-18)RE							
Z1758-04RE	ETB-12(16-18)RE	SOIL	Dichlorodifluoromethane	210	E	5.5	5.5	ug/Kg
Z1758-04RE	ETB-12(16-18)RE	SOIL	Methylene chloride	11		5.5	5.5	ug/Kg
Z1758-04RE	ETB-12(16-18)RE	SOIL	Benzene	130	E	5.5	5.5	ug/Kg
Z1758-04RE	ETB-12(16-18)RE	SOIL	Toluene	23		5.5	5.5	ug/Kg
Z1758-04RE	ETB-12(16-18)RE	SOIL	Ethylbenzene	8.5		5.5	5.5	ug/Kg
Z1758-04RE	ETB-12(16-18)RE	SOIL	m,p-Xylene	9.3		5.5	5.5	ug/Kg
Z1758-04RE	ETB-12(16-18)RE	SOIL	unknown8.15	* 30	J	0	0	ug/Kg
Total VOC's:				391.80				
Total TIC's:				30.00				
Total VOC's and TIC's:				421.80				
Client ID:	ETB-12(6-8)							
Z1758-02	ETB-12(6-8)	SOIL	Acetone	30		13	13	ug/Kg
Z1758-02	ETB-12(6-8)	SOIL	Ethylbenzene	6.6	J	6.6	6.6	ug/Kg
Z1758-02	ETB-12(6-8)	SOIL	m,p-Xylene	9.3		6.6	6.6	ug/Kg
Total VOC's:				45.90				
Total TIC's:				0.00				
Total VOC's and TIC's:				45.90				
Client ID:	ETB-13(12.5-15)							
Z1758-09	ETB-13(12.5-15)	SOIL	Methylene chloride	12		5.4	5.4	ug/Kg
Z1758-09	ETB-13(12.5-15)	SOIL	Benzene	190	E	5.4	5.4	ug/Kg
Z1758-09	ETB-13(12.5-15)	SOIL	Trichloroethene	18		5.4	5.4	ug/Kg
Z1758-09	ETB-13(12.5-15)	SOIL	Toluene	53		5.4	5.4	ug/Kg
Z1758-09	ETB-13(12.5-15)	SOIL	Ethylbenzene	22		5.4	5.4	ug/Kg
Z1758-09	ETB-13(12.5-15)	SOIL	o-Xylene	13		5.4	5.4	ug/Kg
Z1758-09	ETB-13(12.5-15)	SOIL	m,p-Xylene	27		5.4	5.4	ug/Kg
Z1758-09	ETB-13(12.5-15)	SOIL	unknown8.16	* 26	J	0	0	ug/Kg
Total VOC's:				335.00				
Total TIC's:				26.00				
Total VOC's and TIC's:				361.00				
Client ID:	ETB-13(12.5-15)DL							
Z1758-09DL	ETB-13(12.5-15)DL	SOIL	Dichlorodifluoromethane	920	D	130	130	ug/Kg
Z1758-09DL	ETB-13(12.5-15)DL	SOIL	Benzene	390	D	130	130	ug/Kg
Z1758-09DL	ETB-13(12.5-15)DL	SOIL	Trichloroethene	160	D	130	130	ug/Kg
Z1758-09DL	ETB-13(12.5-15)DL	SOIL	Toluene	170	D	130	130	ug/Kg
Total VOC's:				1640.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				1640.00				

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

Summary Sheet
SW-846

SDG No.: Z1758-01
Client: Earth Tech, Inc.

Order ID: Z1758
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-13(1-3)							
Z1758-07	ETB-13(1-3)	SOIL	Benzene	9.4		6.4	6.4	ug/Kg
Z1758-07	ETB-13(1-3)	SOIL	Ethylbenzene	13		6.4	6.4	ug/Kg
Z1758-07	ETB-13(1-3)	SOIL	o-Xylene	12		6.4	6.4	ug/Kg
Z1758-07	ETB-13(1-3)	SOIL	m,p-Xylene	19		6.4	6.4	ug/Kg
Total VOC's:				53.40				
Total TIC's:				0.00				
Total VOC's and TIC's:				53.40				
Client ID:	ETB-13(1-3)RE							
Z1758-07RE	ETB-13(1-3)RE	SOIL	Ethylbenzene	16		6.4	6.4	ug/Kg
Z1758-07RE	ETB-13(1-3)RE	SOIL	o-Xylene	13		6.4	6.4	ug/Kg
Z1758-07RE	ETB-13(1-3)RE	SOIL	m,p-Xylene	22		6.4	6.4	ug/Kg
Z1758-07RE	ETB-13(1-3)RE	SOIL	Indane	* 31	JN	0	0	ug/Kg
Total VOC's:				51.00				
Total TIC's:				31.00				
Total VOC's and TIC's:				82.00				
Client ID:	ETB-13(6-8)							
Z1758-08	ETB-13(6-8)	SOIL	Acetone	28		12	12	ug/Kg
Z1758-08	ETB-13(6-8)	SOIL	m,p-Xylene	7.0		6.1	6.1	ug/Kg
Total VOC's:				35.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				35.00				
Client ID:	ETB-14(1.0-2.5)							
Z1758-10	ETB-14(1.0-2.5)	SOIL	Benzene	8.3		5.6	5.6	ug/Kg
Z1758-10	ETB-14(1.0-2.5)	SOIL	Trichloroethene	63		5.6	5.6	ug/Kg
Z1758-10	ETB-14(1.0-2.5)	SOIL	Toluene	6.6		5.6	5.6	ug/Kg
Z1758-10	ETB-14(1.0-2.5)	SOIL	Ethylbenzene	8.8		5.6	5.6	ug/Kg
Z1758-10	ETB-14(1.0-2.5)	SOIL	m,p-Xylene	11		5.6	5.6	ug/Kg
Z1758-10	ETB-14(1.0-2.5)	SOIL	unknown8.15	* 7.3	J	0	0	ug/Kg
Total VOC's:				97.70				
Total TIC's:				7.30				
Total VOC's and TIC's:				105.00				

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

Summary Sheet
SW-846

SDG No.: Z1758-01
Client: Earth Tech, Inc.

Order ID: Z1758
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-14(1.0-2.5)RE							
Z1758-10RE	ETB-14(1.0-2.5)RE	SOIL	1,1,1-Trichloroethane	11		5.6	5.6	ug/Kg
Z1758-10RE	ETB-14(1.0-2.5)RE	SOIL	Benzene	11		5.6	5.6	ug/Kg
Z1758-10RE	ETB-14(1.0-2.5)RE	SOIL	Trichloroethene	87		5.6	5.6	ug/Kg
Z1758-10RE	ETB-14(1.0-2.5)RE	SOIL	Toluene	6.7		5.6	5.6	ug/Kg
Z1758-10RE	ETB-14(1.0-2.5)RE	SOIL	Ethylbenzene	6.6		5.6	5.6	ug/Kg
Z1758-10RE	ETB-14(1.0-2.5)RE	SOIL	m,p-Xylene	8.6		5.6	5.6	ug/Kg
Total VOC's:				130.90				
Total TIC's:				0.00				
Total VOC's and TIC's:				130.90				
Client ID:	ETB-14(10-12)							
Z1758-11	ETB-14(10-12)	SOIL	unknown8.16	* 11	J	0	0	ug/Kg
Total VOC's:				0.00				
Total TIC's:				11.00				
Total VOC's and TIC's:				11.00				

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

**ANALYTICAL RESULTS
SUMMARY**

PROJECT NAME: NYSDEC North East Alloys

**EARTH TECH, INC.
40 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
5189512200**

**CHEMTECH PROJECT NO.
ATTENTION:**

**Z1795
Caroline Benedict**

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(6-8)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-02

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016885.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 15 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.9	U
74-87-3	Chloromethane	5.9	U
75-01-4	Vinyl Chloride	5.9	U
74-83-9	Bromomethane	5.9	U
75-00-3	Chloroethane	5.9	U
75-69-4	Trichlorofluoromethane	5.9	U
75-35-4	1,1-Dichloroethene	5.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U
67-64-1	Acetone	28	
75-15-0	Carbon disulfide	5.9	U
79-20-9	Methyl acetate	5.9	U
75-09-2	Methylene chloride	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.9	U
1634-04-4	Methyl tert-Butyl ether	5.9	U
75-34-3	1,1-Dichloroethane	5.9	U
156-59-2	cis-1,2-Dichloroethene	6.6	
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	5.9	U
67-66-3	Chloroform	5.9	U
71-55-6	1,1,1-Trichloroethane	5.9	U
110-82-7	Cyclohexane	5.9	U
56-23-5	Carbon Tetrachloride	5.9	U
71-43-2	Benzene	5.9	U
107-06-2	1,2-Dichloroethane	5.9	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-02

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016885.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 15

Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	14	
108-87-2	Methylcyclohexane	5.9	U
78-87-5	1,2-Dichloropropane	5.9	U
75-27-4	Bromodichloromethane	5.9	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	5.9	U
10061-02-6	trans-1,3-Dichloropropene	5.9	U
79-00-5	1,1,2-Trichloroethane	5.9	U
127-18-4	Tetrachloroethene	5.9	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	5.9	U
106-93-4	1,2-Dibromoethane	5.9	U
108-90-7	Chlorobenzene	5.9	U
100-41-4	Ethylbenzene	5.9	U
95-47-6	o-Xylene	5.9	U
179601-23-1	m, p-Xylene	5.9	U
100-42-5	Styrene	5.9	U
75-25-2	Bromoform	5.9	U
98-82-8	Isopropylbenzene	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U
541-73-1	1,3-Dichlorobenzene	5.9	U
106-46-7	1,4-Dichlorobenzene	5.9	U
95-50-1	1,2-Dichlorobenzene	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	5.9	U
120-82-1	1,2,4-Trichlorobenzene	5.9	U
87-61-6	1,2,3-Trichlorobenzene	5.9	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-21(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-02

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016885.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 15 Date Analyzed: 03/12/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.		unknown8.16	8.16	12	J
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(11.5-13)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-03

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016886.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 8

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.4	U
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl Chloride	60	
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	5.4	U
75-35-4	1,1-Dichloroethene	50	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U
67-64-1	Acetone	22	
75-15-0	Carbon disulfide	9.3	
79-20-9	Methyl acetate	5.4	U
75-09-2	Methylene chloride	7.6	
156-60-5	trans-1,2-Dichloroethene	63	
1634-04-4	Methyl tert-Butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	7.8	
156-59-2	cis-1,2-Dichloroethene	8100	E
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	5.4	U
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon Tetrachloride	5.4	U
71-43-2	Benzene	13	
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(11.5-13)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-03

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016886.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 8

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	15000	E
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	12	
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	19	
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	5.4	U
95-47-6	o-Xylene	5.4	U
179601-23-1	m, p-Xylene	5.4	U
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-21(11.5-13)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-03

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016886.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 8.0 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(11.5-13)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-03DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007835.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 8

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	290	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	290	U
74-83-9	Bromomethane	290	U
75-00-3	Chloroethane	290	U
75-69-4	Trichlorofluoromethane	290	U
75-35-4	1,1-Dichloroethene	190	JD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon disulfide	290	U
79-20-9	Methyl acetate	290	U
75-09-2	Methylene chloride	290	U
156-60-5	trans-1,2-Dichloroethene	240	JD
1634-04-4	Methyl tert-Butyl ether	290	U
75-34-3	1,1-Dichloroethane	290	U
156-59-2	cis-1,2-Dichloroethene	38000	ED
78-93-3	2-Butanone	590	U
74-97-5	Bromochloromethane	290	U
67-66-3	Chloroform	290	U
71-55-6	1,1,1-Trichloroethane	290	U
110-82-7	Cyclohexane	290	U
56-23-5	Carbon Tetrachloride	290	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	290	U
123-91-1	1,4-Dioxane	5900	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(11.5-13)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-03DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007835.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 8

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	140000	ED
108-87-2	Methylcyclohexane	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	290	U
79-00-5	1,1,2-Trichloroethane	290	U
127-18-4	Tetrachloroethene	150	JD
591-78-6	2-Hexanone	590	U
124-48-1	Dibromochloromethane	290	U
106-93-4	1,2-Dibromoethane	290	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	290	U
95-47-6	o-Xylene	290	U
179601-23-1	m, p-Xylene	290	U
100-42-5	Styrene	290	U
75-25-2	Bromoform	290	U
98-82-8	Isopropylbenzene	290	U
79-34-5	1,1,2,2-Tetrachloroethane	290	U
541-73-1	1,3-Dichlorobenzene	290	U
106-46-7	1,4-Dichlorobenzene	290	U
95-50-1	1,2-Dichlorobenzene	290	U
96-12-8	1,2-Dibromo-3-chloropropane	290	U
120-82-1	1,2,4-Trichlorobenzene	290	U
87-61-6	1,2,3-Trichlorobenzene	290	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-21(11.5-13)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-03DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007835.D

Level: (TRACE or LOW/MED) MED Date Received: 03/04/2008

% Moisture: not dec. 8.0 Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(15-16.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-04

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016887.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 7

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.4	U
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl Chloride	57	
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	5.4	U
75-35-4	1,1-Dichloroethene	58	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.4	U
79-20-9	Methyl acetate	5.4	U
75-09-2	Methylene chloride	5.4	U
156-60-5	trans-1,2-Dichloroethene	20	
1634-04-4	Methyl tert-Butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	13	
156-59-2	cis-1,2-Dichloroethene	5100	E
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	5.4	U
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon Tetrachloride	5.4	U
71-43-2	Benzene	20	
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	190	

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(15-16.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-04

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016887.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 7

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	12000	E
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	7.2	
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	5.4	U
95-47-6	o-Xylene	5.4	U
179601-23-1	m, p-Xylene	5.4	U
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-21(15-16.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-04

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016887.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 7.0 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(15-16.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-04DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007825.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 7

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	290	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	170	JD
74-83-9	Bromomethane	290	U
75-00-3	Chloroethane	290	U
75-69-4	Trichlorofluoromethane	290	U
75-35-4	1,1-Dichloroethene	410	D
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	290	U
67-64-1	Acetone	150	JD
75-15-0	Carbon disulfide	290	U
79-20-9	Methyl acetate	290	U
75-09-2	Methylene chloride	290	U
156-60-5	trans-1,2-Dichloroethene	210	JD
1634-04-4	Methyl tert-Butyl ether	290	U
75-34-3	1,1-Dichloroethane	290	U
156-59-2	cis-1,2-Dichloroethene	41000	ED
78-93-3	2-Butanone	580	U
74-97-5	Bromochloromethane	290	U
67-66-3	Chloroform	290	U
71-55-6	1,1,1-Trichloroethane	290	U
110-82-7	Cyclohexane	290	U
56-23-5	Carbon Tetrachloride	290	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	290	U
123-91-1	1,4-Dioxane	150	JD

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(15-16.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-04DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007825.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 7

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	130000	ED
108-87-2	Methylcyclohexane	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	290	U
79-00-5	1,1,2-Trichloroethane	290	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
124-48-1	Dibromochloromethane	290	U
106-93-4	1,2-Dibromoethane	290	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	290	U
95-47-6	o-Xylene	290	U
179601-23-1	m, p-Xylene	290	U
100-42-5	Styrene	290	U
75-25-2	Bromoform	290	U
98-82-8	Isopropylbenzene	290	U
79-34-5	1,1,2,2-Tetrachloroethane	290	U
541-73-1	1,3-Dichlorobenzene	290	U
106-46-7	1,4-Dichlorobenzene	290	U
95-50-1	1,2-Dichlorobenzene	290	U
96-12-8	1,2-Dibromo-3-chloropropane	290	U
120-82-1	1,2,4-Trichlorobenzene	290	U
87-61-6	1,2,3-Trichlorobenzene	290	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-21(15-16.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-04DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007825.D

Level: (TRACE or LOW/MED) MED Date Received: 03/04/2008

% Moisture: not dec. 7.0 Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-20(1-3)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-05

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016888.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 16 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.0	U
74-87-3	Chloromethane	6.0	U
75-01-4	Vinyl Chloride	6.0	U
74-83-9	Bromomethane	6.0	U
75-00-3	Chloroethane	6.0	U
75-69-4	Trichlorofluoromethane	6.0	U
75-35-4	1,1-Dichloroethene	6.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.0	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	6.0	U
79-20-9	Methyl acetate	6.0	U
75-09-2	Methylene chloride	10	
156-60-5	trans-1,2-Dichloroethene	90	
1634-04-4	Methyl tert-Butyl ether	6.0	U
75-34-3	1,1-Dichloroethane	6.0	U
156-59-2	cis-1,2-Dichloroethene	1600	E
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.0	U
67-66-3	Chloroform	6.0	U
71-55-6	1,1,1-Trichloroethane	6.0	U
110-82-7	Cyclohexane	6.0	U
56-23-5	Carbon Tetrachloride	6.0	U
71-43-2	Benzene	15	
107-06-2	1,2-Dichloroethane	6.0	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-20(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-05

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016888.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 16

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	790	E
108-87-2	Methylcyclohexane	6.0	U
78-87-5	1,2-Dichloropropane	6.0	U
75-27-4	Bromodichloromethane	6.0	U
10061-01-5	cis-1,3-Dichloropropene	6.0	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	9.8	
10061-02-6	trans-1,3-Dichloropropene	6.0	U
79-00-5	1,1,2-Trichloroethane	6.0	U
127-18-4	Tetrachloroethene	6.0	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.0	U
106-93-4	1,2-Dibromoethane	6.0	U
108-90-7	Chlorobenzene	6.0	U
100-41-4	Ethylbenzene	8.1	
95-47-6	o-Xylene	6.0	U
179601-23-1	m, p-Xylene	10	
100-42-5	Styrene	6.0	U
75-25-2	Bromoform	6.0	U
98-82-8	Isopropylbenzene	6.0	U
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U
541-73-1	1,3-Dichlorobenzene	6.0	U
106-46-7	1,4-Dichlorobenzene	6.0	U
95-50-1	1,2-Dichlorobenzene	6.0	U
96-12-8	1,2-Dibromo-3-chloropropane	6.0	U
120-82-1	1,2,4-Trichlorobenzene	6.0	U
87-61-6	1,2,3-Trichlorobenzene	6.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-20(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-05

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016888.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 16 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
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16.					
17.					
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21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-20(1-3)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-05DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007826.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 16

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	350	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	350	U
74-83-9	Bromomethane	350	U
75-00-3	Chloroethane	350	U
75-69-4	Trichlorofluoromethane	350	U
75-35-4	1,1-Dichloroethene	350	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	350	U
67-64-1	Acetone	690	U
75-15-0	Carbon disulfide	350	U
79-20-9	Methyl acetate	350	U
75-09-2	Methylene chloride	350	U
156-60-5	trans-1,2-Dichloroethene	4900	D
1634-04-4	Methyl tert-Butyl ether	350	U
75-34-3	1,1-Dichloroethane	270	JD
156-59-2	cis-1,2-Dichloroethene	51000	ED
78-93-3	2-Butanone	690	U
74-97-5	Bromochloromethane	350	U
67-66-3	Chloroform	350	U
71-55-6	1,1,1-Trichloroethane	190	JD
110-82-7	Cyclohexane	350	U
56-23-5	Carbon Tetrachloride	350	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	350	U
123-91-1	1,4-Dioxane	170	JD

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-20(1-3)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-05DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007826.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 16

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	28000	ED
108-87-2	Methylcyclohexane	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-pentanone	690	U
108-88-3	Toluene	210	JD
10061-02-6	trans-1,3-Dichloropropene	350	U
79-00-5	1,1,2-Trichloroethane	350	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	690	U
124-48-1	Dibromochloromethane	350	U
106-93-4	1,2-Dibromoethane	350	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	350	U
95-47-6	o-Xylene	350	U
179601-23-1	m, p-Xylene	330	JD
100-42-5	Styrene	350	U
75-25-2	Bromoform	350	U
98-82-8	Isopropylbenzene	350	U
79-34-5	1,1,2,2-Tetrachloroethane	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
95-50-1	1,2-Dichlorobenzene	350	U
96-12-8	1,2-Dibromo-3-chloropropane	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
87-61-6	1,2,3-Trichlorobenzene	350	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-20(1-3)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-05DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007826.D

Level: (TRACE or LOW/MED) MED Date Received: 03/04/2008

% Moisture: not dec. 16 Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-20(6-8)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-06

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016889.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 25 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.7	U
74-87-3	Chloromethane	6.7	U
75-01-4	Vinyl Chloride	6.7	U
74-83-9	Bromomethane	6.7	U
75-00-3	Chloroethane	6.7	U
75-69-4	Trichlorofluoromethane	6.7	U
75-35-4	1,1-Dichloroethene	6.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.7	U
67-64-1	Acetone	25	
75-15-0	Carbon disulfide	18	
79-20-9	Methyl acetate	6.7	U
75-09-2	Methylene chloride	6.7	U
156-60-5	trans-1,2-Dichloroethene	6.7	U
1634-04-4	Methyl tert-Butyl ether	6.7	U
75-34-3	1,1-Dichloroethane	6.7	U
156-59-2	cis-1,2-Dichloroethene	8.4	
78-93-3	2-Butanone	13	U
74-97-5	Bromochloromethane	6.7	U
67-66-3	Chloroform	6.7	U
71-55-6	1,1,1-Trichloroethane	6.7	U
110-82-7	Cyclohexane	6.7	U
56-23-5	Carbon Tetrachloride	6.7	U
71-43-2	Benzene	13	
107-06-2	1,2-Dichloroethane	6.7	U
123-91-1	1,4-Dioxane	130	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-20(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-06

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016889.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 25

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	67	
108-87-2	Methylcyclohexane	6.7	U
78-87-5	1,2-Dichloropropane	6.7	U
75-27-4	Bromodichloromethane	6.7	U
10061-01-5	cis-1,3-Dichloropropene	6.7	U
108-10-1	4-Methyl-2-pentanone	13	U
108-88-3	Toluene	8.4	
10061-02-6	trans-1,3-Dichloropropene	6.7	U
79-00-5	1,1,2-Trichloroethane	6.7	U
127-18-4	Tetrachloroethene	6.7	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	6.7	U
106-93-4	1,2-Dibromoethane	6.7	U
108-90-7	Chlorobenzene	6.7	U
100-41-4	Ethylbenzene	8.1	
95-47-6	o-Xylene	6.7	U
179601-23-1	m, p-Xylene	7.6	
100-42-5	Styrene	6.7	U
75-25-2	Bromoform	6.7	U
98-82-8	Isopropylbenzene	6.7	U
79-34-5	1,1,2,2-Tetrachloroethane	6.7	U
541-73-1	1,3-Dichlorobenzene	6.7	U
106-46-7	1,4-Dichlorobenzene	6.7	U
95-50-1	1,2-Dichlorobenzene	6.7	U
96-12-8	1,2-Dibromo-3-chloropropane	6.7	U
120-82-1	1,2,4-Trichlorobenzene	6.7	U
87-61-6	1,2,3-Trichlorobenzene	6.7	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-20(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-06

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016889.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 25 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.		unknown12.28	12.28	91	J
03.		unknown13.00	13.00	43	J
04.		unknown13.23	13.23	60	J
05.		unknown13.45	13.45	43	J
06.		unknown14.22	14.22	67	J
07.		unknown14.42	14.42	75	J
08.	1000158-89-1	Decalin, syn-1-methyl-, cis-	15.12	54	JN
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
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26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A	66	J

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-20(6-8)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-06RE

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016959.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 25

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.7	U
74-87-3	Chloromethane	6.7	U
75-01-4	Vinyl Chloride	6.7	U
74-83-9	Bromomethane	6.7	U
75-00-3	Chloroethane	6.7	U
75-69-4	Trichlorofluoromethane	6.7	U
75-35-4	1,1-Dichloroethene	6.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.7	U
67-64-1	Acetone	13	U
75-15-0	Carbon disulfide	6.7	U
79-20-9	Methyl acetate	6.7	U
75-09-2	Methylene chloride	6.7	U
156-60-5	trans-1,2-Dichloroethene	6.7	U
1634-04-4	Methyl tert-Butyl ether	6.7	U
75-34-3	1,1-Dichloroethane	6.7	U
156-59-2	cis-1,2-Dichloroethene	6.7	U
78-93-3	2-Butanone	13	U
74-97-5	Bromochloromethane	6.7	U
67-66-3	Chloroform	6.7	U
71-55-6	1,1,1-Trichloroethane	6.7	U
110-82-7	Cyclohexane	6.7	U
56-23-5	Carbon Tetrachloride	6.7	U
71-43-2	Benzene	6.7	U
107-06-2	1,2-Dichloroethane	6.7	U
123-91-1	1,4-Dioxane	130	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-20(6-8)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-06RE

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016959.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 25

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	15	
108-87-2	Methylcyclohexane	6.7	U
78-87-5	1,2-Dichloropropane	6.7	U
75-27-4	Bromodichloromethane	6.7	U
10061-01-5	cis-1,3-Dichloropropene	6.7	U
108-10-1	4-Methyl-2-pentanone	13	U
108-88-3	Toluene	6.7	U
10061-02-6	trans-1,3-Dichloropropene	6.7	U
79-00-5	1,1,2-Trichloroethane	6.7	U
127-18-4	Tetrachloroethene	6.7	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	6.7	U
106-93-4	1,2-Dibromoethane	6.7	U
108-90-7	Chlorobenzene	6.7	U
100-41-4	Ethylbenzene	6.7	U
95-47-6	o-Xylene	6.7	U
179601-23-1	m, p-Xylene	6.7	U
100-42-5	Styrene	6.7	U
75-25-2	Bromoform	6.7	U
98-82-8	Isopropylbenzene	6.7	U
79-34-5	1,1,2,2-Tetrachloroethane	6.7	U
541-73-1	1,3-Dichlorobenzene	6.7	U
106-46-7	1,4-Dichlorobenzene	6.7	U
95-50-1	1,2-Dichlorobenzene	6.7	U
96-12-8	1,2-Dibromo-3-chloropropane	6.7	U
120-82-1	1,2,4-Trichlorobenzene	6.7	U
87-61-6	1,2,3-Trichlorobenzene	6.7	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-20(6-8)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-06RE

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016959.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 25 Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-20(10-11.6)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-07

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016890.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 24

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.6	U
74-87-3	Chloromethane	6.6	U
75-01-4	Vinyl Chloride	110	
74-83-9	Bromomethane	6.6	U
75-00-3	Chloroethane	6.6	U
75-69-4	Trichlorofluoromethane	6.6	U
75-35-4	1,1-Dichloroethene	6.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.6	U
67-64-1	Acetone	13	U
75-15-0	Carbon disulfide	6.6	U
79-20-9	Methyl acetate	6.6	U
75-09-2	Methylene chloride	7.9	
156-60-5	trans-1,2-Dichloroethene	91	
1634-04-4	Methyl tert-Butyl ether	6.6	U
75-34-3	1,1-Dichloroethane	9.5	
156-59-2	cis-1,2-Dichloroethene	1800	E
78-93-3	2-Butanone	13	U
74-97-5	Bromochloromethane	6.6	U
67-66-3	Chloroform	6.6	U
71-55-6	1,1,1-Trichloroethane	6.6	U
110-82-7	Cyclohexane	6.6	U
56-23-5	Carbon Tetrachloride	6.6	U
71-43-2	Benzene	9.7	
107-06-2	1,2-Dichloroethane	6.6	U
123-91-1	1,4-Dioxane	130	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-20(10-11.6)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-07

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016890.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 24

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	300	E
108-87-2	Methylcyclohexane	6.6	U
78-87-5	1,2-Dichloropropane	6.6	U
75-27-4	Bromodichloromethane	6.6	U
10061-01-5	cis-1,3-Dichloropropene	6.6	U
108-10-1	4-Methyl-2-pentanone	13	U
108-88-3	Toluene	6.7	
10061-02-6	trans-1,3-Dichloropropene	6.6	U
79-00-5	1,1,2-Trichloroethane	6.6	U
127-18-4	Tetrachloroethene	6.6	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	6.6	U
106-93-4	1,2-Dibromoethane	6.6	U
108-90-7	Chlorobenzene	6.6	U
100-41-4	Ethylbenzene	6.8	
95-47-6	o-Xylene	6.6	U
179601-23-1	m, p-Xylene	7.8	
100-42-5	Styrene	6.6	U
75-25-2	Bromoform	6.6	U
98-82-8	Isopropylbenzene	6.6	U
79-34-5	1,1,2,2-Tetrachloroethane	6.6	U
541-73-1	1,3-Dichlorobenzene	6.6	U
106-46-7	1,4-Dichlorobenzene	6.6	U
95-50-1	1,2-Dichlorobenzene	6.6	U
96-12-8	1,2-Dibromo-3-chloropropane	6.6	U
120-82-1	1,2,4-Trichlorobenzene	6.6	U
87-61-6	1,2,3-Trichlorobenzene	6.6	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-20(10-11.6)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-07

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016890.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 24 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.		unknown8.16	8.16	6.9	J
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-20(10-11.6)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-07DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007827.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 24

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	410	U
74-87-3	Chloromethane	410	U
75-01-4	Vinyl Chloride	410	U
74-83-9	Bromomethane	410	U
75-00-3	Chloroethane	410	U
75-69-4	Trichlorofluoromethane	410	U
75-35-4	1,1-Dichloroethene	410	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	410	U
67-64-1	Acetone	820	U
75-15-0	Carbon disulfide	410	U
79-20-9	Methyl acetate	410	U
75-09-2	Methylene chloride	410	U
156-60-5	trans-1,2-Dichloroethene	1400	D
1634-04-4	Methyl tert-Butyl ether	410	U
75-34-3	1,1-Dichloroethane	410	U
156-59-2	cis-1,2-Dichloroethene	24000	ED
78-93-3	2-Butanone	820	U
74-97-5	Bromochloromethane	410	U
67-66-3	Chloroform	410	U
71-55-6	1,1,1-Trichloroethane	410	U
110-82-7	Cyclohexane	410	U
56-23-5	Carbon Tetrachloride	410	U
71-43-2	Benzene	410	U
107-06-2	1,2-Dichloroethane	410	U
123-91-1	1,4-Dioxane	8200	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-20(10-11.6)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-07DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007827.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 24

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	8400	D
108-87-2	Methylcyclohexane	410	U
78-87-5	1,2-Dichloropropane	410	U
75-27-4	Bromodichloromethane	410	U
10061-01-5	cis-1,3-Dichloropropene	410	U
108-10-1	4-Methyl-2-pentanone	820	U
108-88-3	Toluene	410	U
10061-02-6	trans-1,3-Dichloropropene	410	U
79-00-5	1,1,2-Trichloroethane	410	U
127-18-4	Tetrachloroethene	410	U
591-78-6	2-Hexanone	820	U
124-48-1	Dibromochloromethane	410	U
106-93-4	1,2-Dibromoethane	410	U
108-90-7	Chlorobenzene	410	U
100-41-4	Ethylbenzene	410	U
95-47-6	o-Xylene	410	U
179601-23-1	m, p-Xylene	410	U
100-42-5	Styrene	410	U
75-25-2	Bromoform	410	U
98-82-8	Isopropylbenzene	410	U
79-34-5	1,1,2,2-Tetrachloroethane	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
96-12-8	1,2-Dibromo-3-chloropropane	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
87-61-6	1,2,3-Trichlorobenzene	410	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-20(10-11.6)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-07DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007827.D

Level: (TRACE or LOW/MED) MED Date Received: 03/04/2008

% Moisture: not dec. 24 Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(5-6)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-09

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016891.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 13 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.7	U
74-87-3	Chloromethane	5.7	U
75-01-4	Vinyl Chloride	5.7	U
74-83-9	Bromomethane	5.7	U
75-00-3	Chloroethane	5.7	U
75-69-4	Trichlorofluoromethane	5.7	U
75-35-4	1,1-Dichloroethene	5.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.7	U
79-20-9	Methyl acetate	5.7	U
75-09-2	Methylene chloride	5.8	
156-60-5	trans-1,2-Dichloroethene	5.7	U
1634-04-4	Methyl tert-Butyl ether	5.7	U
75-34-3	1,1-Dichloroethane	5.7	U
156-59-2	cis-1,2-Dichloroethene	140	E
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.7	U
67-66-3	Chloroform	5.7	U
71-55-6	1,1,1-Trichloroethane	43	
110-82-7	Cyclohexane	5.7	U
56-23-5	Carbon Tetrachloride	5.7	U
71-43-2	Benzene	19	
107-06-2	1,2-Dichloroethane	5.7	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(5-6)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-09

Sample wt/vol: 5.03 (g/mL) g

Lab File ID: VI016891.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 13

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	3500	E
108-87-2	Methylcyclohexane	5.7	U
78-87-5	1,2-Dichloropropane	5.7	U
75-27-4	Bromodichloromethane	5.7	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	14	
10061-02-6	trans-1,3-Dichloropropene	5.7	U
79-00-5	1,1,2-Trichloroethane	5.7	U
127-18-4	Tetrachloroethene	5.7	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.7	U
106-93-4	1,2-Dibromoethane	5.7	U
108-90-7	Chlorobenzene	5.7	U
100-41-4	Ethylbenzene	9.0	
95-47-6	o-Xylene	5.7	U
179601-23-1	m, p-Xylene	11	
100-42-5	Styrene	5.7	U
75-25-2	Bromoform	5.7	U
98-82-8	Isopropylbenzene	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U
541-73-1	1,3-Dichlorobenzene	5.7	U
106-46-7	1,4-Dichlorobenzene	5.7	U
95-50-1	1,2-Dichlorobenzene	5.7	U
96-12-8	1,2-Dibromo-3-chloropropane	5.7	U
120-82-1	1,2,4-Trichlorobenzene	5.7	U
87-61-6	1,2,3-Trichlorobenzene	5.7	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-19(5-6)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-09

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016891.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 13 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(5-6)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-09DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007828.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 13

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	320	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	320	U
74-83-9	Bromomethane	320	U
75-00-3	Chloroethane	320	U
75-69-4	Trichlorofluoromethane	320	U
75-35-4	1,1-Dichloroethene	320	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon disulfide	320	U
79-20-9	Methyl acetate	320	U
75-09-2	Methylene chloride	320	U
156-60-5	trans-1,2-Dichloroethene	320	U
1634-04-4	Methyl tert-Butyl ether	320	U
75-34-3	1,1-Dichloroethane	320	U
156-59-2	cis-1,2-Dichloroethene	280	JD
78-93-3	2-Butanone	650	U
74-97-5	Bromochloromethane	320	U
67-66-3	Chloroform	320	U
71-55-6	1,1,1-Trichloroethane	180	JD
110-82-7	Cyclohexane	320	U
56-23-5	Carbon Tetrachloride	320	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	320	U
123-91-1	1,4-Dioxane	6500	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(5-6)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-09DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007828.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 13

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	12000	D
108-87-2	Methylcyclohexane	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	320	U
79-00-5	1,1,2-Trichloroethane	320	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	650	U
124-48-1	Dibromochloromethane	320	U
106-93-4	1,2-Dibromoethane	320	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	320	U
95-47-6	o-Xylene	320	U
179601-23-1	m, p-Xylene	320	U
100-42-5	Styrene	320	U
75-25-2	Bromoform	320	U
98-82-8	Isopropylbenzene	320	U
79-34-5	1,1,2,2-Tetrachloroethane	320	U
541-73-1	1,3-Dichlorobenzene	320	U
106-46-7	1,4-Dichlorobenzene	320	U
95-50-1	1,2-Dichlorobenzene	320	U
96-12-8	1,2-Dibromo-3-chloropropane	320	U
120-82-1	1,2,4-Trichlorobenzene	320	U
87-61-6	1,2,3-Trichlorobenzene	320	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-19(5-6)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-09DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007828.D

Level: (TRACE or LOW/MED) MED Date Received: 03/04/2008

% Moisture: not dec. 13 Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-10

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016892.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 6

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	1300	E
74-87-3	Chloromethane	5.3	U
75-01-4	Vinyl Chloride	5.3	U
74-83-9	Bromomethane	5.3	U
75-00-3	Chloroethane	5.3	U
75-69-4	Trichlorofluoromethane	10	
75-35-4	1,1-Dichloroethene	5.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.3	U
67-64-1	Acetone	32	
75-15-0	Carbon disulfide	8.8	
79-20-9	Methyl acetate	5.3	U
75-09-2	Methylene chloride	50	
156-60-5	trans-1,2-Dichloroethene	5.3	U
1634-04-4	Methyl tert-Butyl ether	5.3	U
75-34-3	1,1-Dichloroethane	5.3	U
156-59-2	cis-1,2-Dichloroethene	130	E
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.3	U
67-66-3	Chloroform	5.3	U
71-55-6	1,1,1-Trichloroethane	5.3	U
110-82-7	Cyclohexane	5.3	U
56-23-5	Carbon Tetrachloride	5.3	U
71-43-2	Benzene	180	E
107-06-2	1,2-Dichloroethane	5.3	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-10

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016892.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 6

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	370	E
108-87-2	Methylcyclohexane	5.3	U
78-87-5	1,2-Dichloropropane	5.3	U
75-27-4	Bromodichloromethane	5.3	U
10061-01-5	cis-1,3-Dichloropropene	5.3	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	24	
10061-02-6	trans-1,3-Dichloropropene	5.3	U
79-00-5	1,1,2-Trichloroethane	5.3	U
127-18-4	Tetrachloroethene	5.3	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.3	U
106-93-4	1,2-Dibromoethane	5.3	U
108-90-7	Chlorobenzene	5.3	U
100-41-4	Ethylbenzene	5.3	U
95-47-6	o-Xylene	5.5	
179601-23-1	m, p-Xylene	5.3	U
100-42-5	Styrene	5.3	U
75-25-2	Bromoform	5.3	U
98-82-8	Isopropylbenzene	5.3	U
79-34-5	1,1,2,2-Tetrachloroethane	5.3	U
541-73-1	1,3-Dichlorobenzene	5.3	U
106-46-7	1,4-Dichlorobenzene	5.3	U
95-50-1	1,2-Dichlorobenzene	5.3	U
96-12-8	1,2-Dibromo-3-chloropropane	5.3	U
120-82-1	1,2,4-Trichlorobenzene	5.3	U
87-61-6	1,2,3-Trichlorobenzene	5.3	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-19(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-10

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016892.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 6.0 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(12-14)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-10DL

Sample wt/vol: 1.01 (g/mL) g

Lab File ID: VI016960.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 6

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 5.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	1500	D
74-87-3	Chloromethane	130	U
75-01-4	Vinyl Chloride	130	U
74-83-9	Bromomethane	130	U
75-00-3	Chloroethane	130	U
75-69-4	Trichlorofluoromethane	130	U
75-35-4	1,1-Dichloroethene	130	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	130	U
67-64-1	Acetone	260	U
75-15-0	Carbon disulfide	130	U
79-20-9	Methyl acetate	130	U
75-09-2	Methylene chloride	130	U
156-60-5	trans-1,2-Dichloroethene	130	U
1634-04-4	Methyl tert-Butyl ether	130	U
75-34-3	1,1-Dichloroethane	130	U
156-59-2	cis-1,2-Dichloroethene	390	D
78-93-3	2-Butanone	260	U
74-97-5	Bromochloromethane	130	U
67-66-3	Chloroform	130	U
71-55-6	1,1,1-Trichloroethane	130	U
110-82-7	Cyclohexane	130	U
56-23-5	Carbon Tetrachloride	130	U
71-43-2	Benzene	260	D
107-06-2	1,2-Dichloroethane	130	U
123-91-1	1,4-Dioxane	2600	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(12-14)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-10DL

Sample wt/vol: 1.01 (g/mL) g

Lab File ID: VI016960.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 6

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 5.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	1100	D
108-87-2	Methylcyclohexane	130	U
78-87-5	1,2-Dichloropropane	130	U
75-27-4	Bromodichloromethane	130	U
10061-01-5	cis-1,3-Dichloropropene	130	U
108-10-1	4-Methyl-2-pentanone	260	U
108-88-3	Toluene	130	U
10061-02-6	trans-1,3-Dichloropropene	130	U
79-00-5	1,1,2-Trichloroethane	130	U
127-18-4	Tetrachloroethene	130	U
591-78-6	2-Hexanone	260	U
124-48-1	Dibromochloromethane	130	U
106-93-4	1,2-Dibromoethane	130	U
108-90-7	Chlorobenzene	130	U
100-41-4	Ethylbenzene	130	U
95-47-6	o-Xylene	130	U
179601-23-1	m, p-Xylene	130	U
100-42-5	Styrene	130	U
75-25-2	Bromoform	130	U
98-82-8	Isopropylbenzene	130	U
79-34-5	1,1,2,2-Tetrachloroethane	130	U
541-73-1	1,3-Dichlorobenzene	130	U
106-46-7	1,4-Dichlorobenzene	130	U
95-50-1	1,2-Dichlorobenzene	130	U
96-12-8	1,2-Dibromo-3-chloropropane	130	U
120-82-1	1,2,4-Trichlorobenzene	130	U
87-61-6	1,2,3-Trichlorobenzene	130	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-19(12-14)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-10DL

Sample wt/vol: 1.01 (g/mL) g Lab File ID: VI016960.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 6.0 Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(17-19)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-11

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016967.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 8

Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	690	E
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl Chloride	5.4	U
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	7.5	
75-35-4	1,1-Dichloroethene	5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U
67-64-1	Acetone	16	
75-15-0	Carbon disulfide	9.1	
79-20-9	Methyl acetate	5.4	U
75-09-2	Methylene chloride	30	
156-60-5	trans-1,2-Dichloroethene	5.4	U
1634-04-4	Methyl tert-Butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	5.4	U
156-59-2	cis-1,2-Dichloroethene	46	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	5.4	U
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon Tetrachloride	5.4	U
71-43-2	Benzene	220	E
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(17-19)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-11

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016967.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 8

Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	260	E
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	35	
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	8.7	
95-47-6	o-Xylene	5.4	U
179601-23-1	m, p-Xylene	5.6	
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-19(17-19)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-11

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016967.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 8.0 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(17-19)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-11DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007817.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 8

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	330	D
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	290	U
74-83-9	Bromomethane	290	U
75-00-3	Chloroethane	290	U
75-69-4	Trichlorofluoromethane	290	U
75-35-4	1,1-Dichloroethene	290	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	290	U
67-64-1	Acetone	180	JD
75-15-0	Carbon disulfide	290	U
79-20-9	Methyl acetate	290	U
75-09-2	Methylene chloride	290	U
156-60-5	trans-1,2-Dichloroethene	290	U
1634-04-4	Methyl tert-Butyl ether	290	U
75-34-3	1,1-Dichloroethane	290	U
156-59-2	cis-1,2-Dichloroethene	290	U
78-93-3	2-Butanone	590	U
74-97-5	Bromochloromethane	290	U
67-66-3	Chloroform	290	U
71-55-6	1,1,1-Trichloroethane	290	U
110-82-7	Cyclohexane	290	U
56-23-5	Carbon Tetrachloride	290	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	290	U
123-91-1	1,4-Dioxane	5900	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(17-19)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-11DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007817.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 8

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	290	U
108-87-2	Methylcyclohexane	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	290	U
79-00-5	1,1,2-Trichloroethane	290	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
124-48-1	Dibromochloromethane	290	U
106-93-4	1,2-Dibromoethane	290	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	160	JD
95-47-6	o-Xylene	290	U
179601-23-1	m, p-Xylene	190	JD
100-42-5	Styrene	290	U
75-25-2	Bromoform	290	U
98-82-8	Isopropylbenzene	290	U
79-34-5	1,1,2,2-Tetrachloroethane	290	U
541-73-1	1,3-Dichlorobenzene	290	U
106-46-7	1,4-Dichlorobenzene	290	U
95-50-1	1,2-Dichlorobenzene	290	U
96-12-8	1,2-Dibromo-3-chloropropane	290	U
120-82-1	1,2,4-Trichlorobenzene	290	U
87-61-6	1,2,3-Trichlorobenzene	290	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-19(17-19)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-11DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007817.D

Level: (TRACE or LOW/MED) MED Date Received: 03/04/2008

% Moisture: not dec. 8.0 Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-18(1-2)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-12

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016894.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 15

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.9	U
74-87-3	Chloromethane	5.9	U
75-01-4	Vinyl Chloride	5.9	U
74-83-9	Bromomethane	5.9	U
75-00-3	Chloroethane	5.9	U
75-69-4	Trichlorofluoromethane	5.9	U
75-35-4	1,1-Dichloroethene	5.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	5.9	U
79-20-9	Methyl acetate	5.9	U
75-09-2	Methylene chloride	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.9	U
1634-04-4	Methyl tert-Butyl ether	5.9	U
75-34-3	1,1-Dichloroethane	5.9	U
156-59-2	cis-1,2-Dichloroethene	6.4	
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	5.9	U
67-66-3	Chloroform	5.9	U
71-55-6	1,1,1-Trichloroethane	5.9	U
110-82-7	Cyclohexane	5.9	U
56-23-5	Carbon Tetrachloride	5.9	U
71-43-2	Benzene	15	
107-06-2	1,2-Dichloroethane	5.9	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-18(1-2)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-12

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016894.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 15

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	3500	E
108-87-2	Methylcyclohexane	5.9	U
78-87-5	1,2-Dichloropropane	5.9	U
75-27-4	Bromodichloromethane	5.9	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	12	
10061-02-6	trans-1,3-Dichloropropene	5.9	U
79-00-5	1,1,2-Trichloroethane	5.9	U
127-18-4	Tetrachloroethene	9.6	
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	5.9	U
106-93-4	1,2-Dibromoethane	5.9	U
108-90-7	Chlorobenzene	5.9	U
100-41-4	Ethylbenzene	10	
95-47-6	o-Xylene	5.9	U
179601-23-1	m, p-Xylene	12	
100-42-5	Styrene	5.9	U
75-25-2	Bromoform	5.9	U
98-82-8	Isopropylbenzene	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U
541-73-1	1,3-Dichlorobenzene	5.9	U
106-46-7	1,4-Dichlorobenzene	5.9	U
95-50-1	1,2-Dichlorobenzene	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	5.9	U
120-82-1	1,2,4-Trichlorobenzene	5.9	U
87-61-6	1,2,3-Trichlorobenzene	5.9	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-18(1-2)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-12

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016894.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 15 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-18(1-2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-12DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007829.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 15

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	340	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	340	U
74-83-9	Bromomethane	340	U
75-00-3	Chloroethane	340	U
75-69-4	Trichlorofluoromethane	340	U
75-35-4	1,1-Dichloroethene	340	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon disulfide	340	U
79-20-9	Methyl acetate	340	U
75-09-2	Methylene chloride	340	U
156-60-5	trans-1,2-Dichloroethene	340	U
1634-04-4	Methyl tert-Butyl ether	340	U
75-34-3	1,1-Dichloroethane	340	U
156-59-2	cis-1,2-Dichloroethene	340	U
78-93-3	2-Butanone	680	U
74-97-5	Bromochloromethane	340	U
67-66-3	Chloroform	340	U
71-55-6	1,1,1-Trichloroethane	340	U
110-82-7	Cyclohexane	340	U
56-23-5	Carbon Tetrachloride	340	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	340	U
123-91-1	1,4-Dioxane	6800	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-18(1-2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-12DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007829.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 15

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	11000	D
108-87-2	Methylcyclohexane	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	340	U
79-00-5	1,1,2-Trichloroethane	340	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
124-48-1	Dibromochloromethane	340	U
106-93-4	1,2-Dibromoethane	340	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	340	U
95-47-6	o-Xylene	340	U
179601-23-1	m, p-Xylene	340	U
100-42-5	Styrene	340	U
75-25-2	Bromoform	340	U
98-82-8	Isopropylbenzene	340	U
79-34-5	1,1,2,2-Tetrachloroethane	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
95-50-1	1,2-Dichlorobenzene	340	U
96-12-8	1,2-Dibromo-3-chloropropane	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
87-61-6	1,2,3-Trichlorobenzene	340	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-18(1-2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-12DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007829.D

Level: (TRACE or LOW/MED) MED Date Received: 03/04/2008

% Moisture: not dec. 15 Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-18(5-6.2)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-13

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016895.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 32

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	7.4	U
74-87-3	Chloromethane	7.4	U
75-01-4	Vinyl Chloride	7.4	U
74-83-9	Bromomethane	7.4	U
75-00-3	Chloroethane	7.4	U
75-69-4	Trichlorofluoromethane	7.4	U
75-35-4	1,1-Dichloroethene	7.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.4	U
67-64-1	Acetone	65	
75-15-0	Carbon disulfide	7.4	U
79-20-9	Methyl acetate	7.4	U
75-09-2	Methylene chloride	7.4	U
156-60-5	trans-1,2-Dichloroethene	14	
1634-04-4	Methyl tert-Butyl ether	7.4	U
75-34-3	1,1-Dichloroethane	7.4	U
156-59-2	cis-1,2-Dichloroethene	650	E
78-93-3	2-Butanone	15	U
74-97-5	Bromochloromethane	7.4	U
67-66-3	Chloroform	7.4	U
71-55-6	1,1,1-Trichloroethane	12	
110-82-7	Cyclohexane	7.4	U
56-23-5	Carbon Tetrachloride	7.4	U
71-43-2	Benzene	15	
107-06-2	1,2-Dichloroethane	7.4	U
123-91-1	1,4-Dioxane	150	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-18(5-6.2)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-13

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016895.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 32

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	3000	E
108-87-2	Methylcyclohexane	7.4	U
78-87-5	1,2-Dichloropropane	7.4	U
75-27-4	Bromodichloromethane	7.4	U
10061-01-5	cis-1,3-Dichloropropene	7.4	U
108-10-1	4-Methyl-2-pentanone	15	U
108-88-3	Toluene	16	
10061-02-6	trans-1,3-Dichloropropene	7.4	U
79-00-5	1,1,2-Trichloroethane	7.4	U
127-18-4	Tetrachloroethene	7.4	U
591-78-6	2-Hexanone	15	U
124-48-1	Dibromochloromethane	7.4	U
106-93-4	1,2-Dibromoethane	7.4	U
108-90-7	Chlorobenzene	7.4	U
100-41-4	Ethylbenzene	19	
95-47-6	o-Xylene	10	
179601-23-1	m, p-Xylene	24	
100-42-5	Styrene	7.4	U
75-25-2	Bromoform	7.4	U
98-82-8	Isopropylbenzene	7.4	U
79-34-5	1,1,2,2-Tetrachloroethane	7.4	U
541-73-1	1,3-Dichlorobenzene	7.4	U
106-46-7	1,4-Dichlorobenzene	7.4	U
95-50-1	1,2-Dichlorobenzene	7.4	U
96-12-8	1,2-Dibromo-3-chloropropane	7.4	U
120-82-1	1,2,4-Trichlorobenzene	7.4	U
87-61-6	1,2,3-Trichlorobenzene	7.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-18(5-6.2)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-13

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016895.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 32 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-18(5-6.2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-13DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007830.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 32

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	490	U
74-87-3	Chloromethane	490	U
75-01-4	Vinyl Chloride	490	U
74-83-9	Bromomethane	490	U
75-00-3	Chloroethane	490	U
75-69-4	Trichlorofluoromethane	490	U
75-35-4	1,1-Dichloroethene	490	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	490	U
67-64-1	Acetone	970	U
75-15-0	Carbon disulfide	490	U
79-20-9	Methyl acetate	490	U
75-09-2	Methylene chloride	490	U
156-60-5	trans-1,2-Dichloroethene	490	U
1634-04-4	Methyl tert-Butyl ether	490	U
75-34-3	1,1-Dichloroethane	490	U
156-59-2	cis-1,2-Dichloroethene	290	JD
78-93-3	2-Butanone	970	U
74-97-5	Bromochloromethane	490	U
67-66-3	Chloroform	490	U
71-55-6	1,1,1-Trichloroethane	490	U
110-82-7	Cyclohexane	490	U
56-23-5	Carbon Tetrachloride	490	U
71-43-2	Benzene	490	U
107-06-2	1,2-Dichloroethane	490	U
123-91-1	1,4-Dioxane	9700	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-18(5-6.2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-13DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007830.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 32

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	1900	D
108-87-2	Methylcyclohexane	490	U
78-87-5	1,2-Dichloropropane	490	U
75-27-4	Bromodichloromethane	490	U
10061-01-5	cis-1,3-Dichloropropene	490	U
108-10-1	4-Methyl-2-pentanone	970	U
108-88-3	Toluene	490	U
10061-02-6	trans-1,3-Dichloropropene	490	U
79-00-5	1,1,2-Trichloroethane	490	U
127-18-4	Tetrachloroethene	490	U
591-78-6	2-Hexanone	970	U
124-48-1	Dibromochloromethane	490	U
106-93-4	1,2-Dibromoethane	490	U
108-90-7	Chlorobenzene	490	U
100-41-4	Ethylbenzene	490	U
95-47-6	o-Xylene	490	U
179601-23-1	m, p-Xylene	490	U
100-42-5	Styrene	490	U
75-25-2	Bromoform	490	U
98-82-8	Isopropylbenzene	490	U
79-34-5	1,1,2,2-Tetrachloroethane	490	U
541-73-1	1,3-Dichlorobenzene	490	U
106-46-7	1,4-Dichlorobenzene	490	U
95-50-1	1,2-Dichlorobenzene	490	U
96-12-8	1,2-Dibromo-3-chloropropane	490	U
120-82-1	1,2,4-Trichlorobenzene	490	U
87-61-6	1,2,3-Trichlorobenzene	490	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-18(5-6.2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-13DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007830.D

Level: (TRACE or LOW/MED) MED Date Received: 03/04/2008

% Moisture: not dec. 32 Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
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23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-17(1-2)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-15

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016896.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 17 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.0	U
74-87-3	Chloromethane	6.0	U
75-01-4	Vinyl Chloride	6.0	U
74-83-9	Bromomethane	6.0	U
75-00-3	Chloroethane	6.0	U
75-69-4	Trichlorofluoromethane	6.0	U
75-35-4	1,1-Dichloroethene	6.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.0	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	6.0	U
79-20-9	Methyl acetate	6.0	U
75-09-2	Methylene chloride	6.0	U
156-60-5	trans-1,2-Dichloroethene	6.0	U
1634-04-4	Methyl tert-Butyl ether	6.0	U
75-34-3	1,1-Dichloroethane	6.0	U
156-59-2	cis-1,2-Dichloroethene	72	
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.0	U
67-66-3	Chloroform	6.0	U
71-55-6	1,1,1-Trichloroethane	19	
110-82-7	Cyclohexane	6.0	U
56-23-5	Carbon Tetrachloride	6.0	U
71-43-2	Benzene	20	
107-06-2	1,2-Dichloroethane	6.0	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-17(1-2)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-15

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016896.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 17

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	2600	E
108-87-2	Methylcyclohexane	6.0	U
78-87-5	1,2-Dichloropropane	6.0	U
75-27-4	Bromodichloromethane	6.0	U
10061-01-5	cis-1,3-Dichloropropene	6.0	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	22	
10061-02-6	trans-1,3-Dichloropropene	6.0	U
79-00-5	1,1,2-Trichloroethane	6.0	U
127-18-4	Tetrachloroethene	6.0	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.0	U
106-93-4	1,2-Dibromoethane	6.0	U
108-90-7	Chlorobenzene	6.0	U
100-41-4	Ethylbenzene	18	
95-47-6	o-Xylene	9.5	
179601-23-1	m, p-Xylene	23	
100-42-5	Styrene	6.0	U
75-25-2	Bromoform	6.0	U
98-82-8	Isopropylbenzene	6.0	U
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U
541-73-1	1,3-Dichlorobenzene	6.0	U
106-46-7	1,4-Dichlorobenzene	6.0	U
95-50-1	1,2-Dichlorobenzene	6.0	U
96-12-8	1,2-Dibromo-3-chloropropane	6.0	U
120-82-1	1,2,4-Trichlorobenzene	6.0	U
87-61-6	1,2,3-Trichlorobenzene	6.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-17(1-2)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-15

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016896.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 17 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-17(1-2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-15DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007818.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 17

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	350	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	350	U
74-83-9	Bromomethane	350	U
75-00-3	Chloroethane	350	U
75-69-4	Trichlorofluoromethane	350	U
75-35-4	1,1-Dichloroethene	350	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	350	U
67-64-1	Acetone	700	U
75-15-0	Carbon disulfide	350	U
79-20-9	Methyl acetate	350	U
75-09-2	Methylene chloride	350	U
156-60-5	trans-1,2-Dichloroethene	350	U
1634-04-4	Methyl tert-Butyl ether	350	U
75-34-3	1,1-Dichloroethane	350	U
156-59-2	cis-1,2-Dichloroethene	350	U
78-93-3	2-Butanone	700	U
74-97-5	Bromochloromethane	350	U
67-66-3	Chloroform	350	U
71-55-6	1,1,1-Trichloroethane	350	U
110-82-7	Cyclohexane	350	U
56-23-5	Carbon Tetrachloride	350	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	350	U
123-91-1	1,4-Dioxane	7000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-17(1-2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-15DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007818.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 17

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	5000	D
108-87-2	Methylcyclohexane	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-pentanone	700	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	350	U
79-00-5	1,1,2-Trichloroethane	350	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	700	U
124-48-1	Dibromochloromethane	350	U
106-93-4	1,2-Dibromoethane	350	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	350	U
95-47-6	o-Xylene	350	U
179601-23-1	m, p-Xylene	350	U
100-42-5	Styrene	350	U
75-25-2	Bromoform	350	U
98-82-8	Isopropylbenzene	350	U
79-34-5	1,1,2,2-Tetrachloroethane	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
95-50-1	1,2-Dichlorobenzene	350	U
96-12-8	1,2-Dibromo-3-chloropropane	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
87-61-6	1,2,3-Trichlorobenzene	350	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-17(1-2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-15DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007818.D

Level: (TRACE or LOW/MED) MED Date Received: 03/04/2008

% Moisture: not dec. 17 Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
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20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-17(6-8)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-16

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016897.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 13 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.7	U
74-87-3	Chloromethane	5.7	U
75-01-4	Vinyl Chloride	5.7	U
74-83-9	Bromomethane	5.7	U
75-00-3	Chloroethane	5.7	U
75-69-4	Trichlorofluoromethane	5.7	U
75-35-4	1,1-Dichloroethene	5.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U
67-64-1	Acetone	13	
75-15-0	Carbon disulfide	5.7	U
79-20-9	Methyl acetate	5.7	U
75-09-2	Methylene chloride	5.7	U
156-60-5	trans-1,2-Dichloroethene	5.7	U
1634-04-4	Methyl tert-Butyl ether	5.7	U
75-34-3	1,1-Dichloroethane	5.7	U
156-59-2	cis-1,2-Dichloroethene	570	E
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.7	U
67-66-3	Chloroform	5.7	U
71-55-6	1,1,1-Trichloroethane	6.0	
110-82-7	Cyclohexane	5.7	U
56-23-5	Carbon Tetrachloride	5.7	U
71-43-2	Benzene	7.4	
107-06-2	1,2-Dichloroethane	5.7	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-17(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-16

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016897.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 13

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	500	E
108-87-2	Methylcyclohexane	5.7	U
78-87-5	1,2-Dichloropropane	5.7	U
75-27-4	Bromodichloromethane	5.7	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	6.9	
10061-02-6	trans-1,3-Dichloropropene	5.7	U
79-00-5	1,1,2-Trichloroethane	5.7	U
127-18-4	Tetrachloroethene	5.7	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.7	U
106-93-4	1,2-Dibromoethane	5.7	U
108-90-7	Chlorobenzene	5.7	U
100-41-4	Ethylbenzene	5.7	U
95-47-6	o-Xylene	5.7	U
179601-23-1	m, p-Xylene	6.8	
100-42-5	Styrene	5.7	U
75-25-2	Bromoform	5.7	U
98-82-8	Isopropylbenzene	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U
541-73-1	1,3-Dichlorobenzene	5.7	U
106-46-7	1,4-Dichlorobenzene	5.7	U
95-50-1	1,2-Dichlorobenzene	5.7	U
96-12-8	1,2-Dibromo-3-chloropropane	5.7	U
120-82-1	1,2,4-Trichlorobenzene	5.7	U
87-61-6	1,2,3-Trichlorobenzene	5.7	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-17(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-16

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016897.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 13 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-17(6-8)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-16DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007819.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 13

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	320	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	320	U
74-83-9	Bromomethane	320	U
75-00-3	Chloroethane	320	U
75-69-4	Trichlorofluoromethane	320	U
75-35-4	1,1-Dichloroethene	320	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon disulfide	320	U
79-20-9	Methyl acetate	320	U
75-09-2	Methylene chloride	320	U
156-60-5	trans-1,2-Dichloroethene	320	U
1634-04-4	Methyl tert-Butyl ether	320	U
75-34-3	1,1-Dichloroethane	320	U
156-59-2	cis-1,2-Dichloroethene	580	D
78-93-3	2-Butanone	650	U
74-97-5	Bromochloromethane	320	U
67-66-3	Chloroform	320	U
71-55-6	1,1,1-Trichloroethane	320	U
110-82-7	Cyclohexane	320	U
56-23-5	Carbon Tetrachloride	320	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	320	U
123-91-1	1,4-Dioxane	6500	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-17(6-8)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-16DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007819.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 13

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	2300	D
108-87-2	Methylcyclohexane	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	320	U
79-00-5	1,1,2-Trichloroethane	320	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	650	U
124-48-1	Dibromochloromethane	320	U
106-93-4	1,2-Dibromoethane	320	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	320	U
95-47-6	o-Xylene	320	U
179601-23-1	m, p-Xylene	320	U
100-42-5	Styrene	320	U
75-25-2	Bromoform	320	U
98-82-8	Isopropylbenzene	320	U
79-34-5	1,1,2,2-Tetrachloroethane	320	U
541-73-1	1,3-Dichlorobenzene	320	U
106-46-7	1,4-Dichlorobenzene	320	U
95-50-1	1,2-Dichlorobenzene	320	U
96-12-8	1,2-Dibromo-3-chloropropane	320	U
120-82-1	1,2,4-Trichlorobenzene	320	U
87-61-6	1,2,3-Trichlorobenzene	320	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-17(6-8)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-16DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007819.D

Level: (TRACE or LOW/MED) MED Date Received: 03/04/2008

% Moisture: not dec. 13 Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
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20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-17(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-17

Sample wt/vol: 5.03 (g/mL) g

Lab File ID: VI016898.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 6

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	2500	E
74-87-3	Chloromethane	5.3	U
75-01-4	Vinyl Chloride	5.3	U
74-83-9	Bromomethane	5.3	U
75-00-3	Chloroethane	5.3	U
75-69-4	Trichlorofluoromethane	12	
75-35-4	1,1-Dichloroethene	5.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.3	U
67-64-1	Acetone	70	
75-15-0	Carbon disulfide	12	
79-20-9	Methyl acetate	5.3	U
75-09-2	Methylene chloride	500	E
156-60-5	trans-1,2-Dichloroethene	5.3	U
1634-04-4	Methyl tert-Butyl ether	5.3	U
75-34-3	1,1-Dichloroethane	5.3	U
156-59-2	cis-1,2-Dichloroethene	160	E
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.3	U
67-66-3	Chloroform	5.3	U
71-55-6	1,1,1-Trichloroethane	7.2	
110-82-7	Cyclohexane	5.3	U
56-23-5	Carbon Tetrachloride	5.3	U
71-43-2	Benzene	110	E
107-06-2	1,2-Dichloroethane	5.3	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-17(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-17

Sample wt/vol: 5.03 (g/mL) g

Lab File ID: VI016898.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 6

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	110	E
108-87-2	Methylcyclohexane	5.3	U
78-87-5	1,2-Dichloropropane	5.3	U
75-27-4	Bromodichloromethane	5.3	U
10061-01-5	cis-1,3-Dichloropropene	5.3	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	8.0	
10061-02-6	trans-1,3-Dichloropropene	5.3	U
79-00-5	1,1,2-Trichloroethane	5.3	U
127-18-4	Tetrachloroethene	5.3	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.3	U
106-93-4	1,2-Dibromoethane	5.3	U
108-90-7	Chlorobenzene	5.3	U
100-41-4	Ethylbenzene	5.3	U
95-47-6	o-Xylene	5.3	U
179601-23-1	m, p-Xylene	5.3	U
100-42-5	Styrene	5.3	U
75-25-2	Bromoform	5.3	U
98-82-8	Isopropylbenzene	5.3	U
79-34-5	1,1,2,2-Tetrachloroethane	5.3	U
541-73-1	1,3-Dichlorobenzene	5.3	U
106-46-7	1,4-Dichlorobenzene	5.3	U
95-50-1	1,2-Dichlorobenzene	5.3	U
96-12-8	1,2-Dibromo-3-chloropropane	5.3	U
120-82-1	1,2,4-Trichlorobenzene	5.3	U
87-61-6	1,2,3-Trichlorobenzene	5.3	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-17(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-17

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016898.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 6.0 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-17(12-14)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-17DL

Sample wt/vol: 1.00 (g/mL) g

Lab File ID: VI016969.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 6

Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 5.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	4700	ED
74-87-3	Chloromethane	130	U
75-01-4	Vinyl Chloride	130	U
74-83-9	Bromomethane	130	U
75-00-3	Chloroethane	130	U
75-69-4	Trichlorofluoromethane	130	U
75-35-4	1,1-Dichloroethene	130	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	130	U
67-64-1	Acetone	270	U
75-15-0	Carbon disulfide	130	U
79-20-9	Methyl acetate	130	U
75-09-2	Methylene chloride	1000	D
156-60-5	trans-1,2-Dichloroethene	130	U
1634-04-4	Methyl tert-Butyl ether	130	U
75-34-3	1,1-Dichloroethane	130	U
156-59-2	cis-1,2-Dichloroethene	410	D
78-93-3	2-Butanone	270	U
74-97-5	Bromochloromethane	130	U
67-66-3	Chloroform	130	U
71-55-6	1,1,1-Trichloroethane	130	U
110-82-7	Cyclohexane	130	U
56-23-5	Carbon Tetrachloride	130	U
71-43-2	Benzene	420	D
107-06-2	1,2-Dichloroethane	130	U
123-91-1	1,4-Dioxane	2700	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-17(12-14)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-17DL

Sample wt/vol: 1.00 (g/mL) g

Lab File ID: VI016969.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 6

Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 5.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	630	D
108-87-2	Methylcyclohexane	130	U
78-87-5	1,2-Dichloropropane	130	U
75-27-4	Bromodichloromethane	130	U
10061-01-5	cis-1,3-Dichloropropene	130	U
108-10-1	4-Methyl-2-pentanone	270	U
108-88-3	Toluene	130	U
10061-02-6	trans-1,3-Dichloropropene	130	U
79-00-5	1,1,2-Trichloroethane	130	U
127-18-4	Tetrachloroethene	130	U
591-78-6	2-Hexanone	270	U
124-48-1	Dibromochloromethane	130	U
106-93-4	1,2-Dibromoethane	130	U
108-90-7	Chlorobenzene	130	U
100-41-4	Ethylbenzene	130	U
95-47-6	o-Xylene	130	U
179601-23-1	m, p-Xylene	130	U
100-42-5	Styrene	130	U
75-25-2	Bromoform	130	U
98-82-8	Isopropylbenzene	130	U
79-34-5	1,1,2,2-Tetrachloroethane	130	U
541-73-1	1,3-Dichlorobenzene	130	U
106-46-7	1,4-Dichlorobenzene	130	U
95-50-1	1,2-Dichlorobenzene	130	U
96-12-8	1,2-Dibromo-3-chloropropane	130	U
120-82-1	1,2,4-Trichlorobenzene	130	U
87-61-6	1,2,3-Trichlorobenzene	130	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-17(12-14)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-17DL

Sample wt/vol: 1.00 (g/mL) g Lab File ID: VI016969.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 6.0 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
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18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-3

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-18

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016899.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 16 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.0	U
74-87-3	Chloromethane	6.0	U
75-01-4	Vinyl Chloride	6.0	U
74-83-9	Bromomethane	6.0	U
75-00-3	Chloroethane	6.0	U
75-69-4	Trichlorofluoromethane	6.0	U
75-35-4	1,1-Dichloroethene	6.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.0	U
67-64-1	Acetone	20	
75-15-0	Carbon disulfide	6.0	U
79-20-9	Methyl acetate	6.0	U
75-09-2	Methylene chloride	6.0	U
156-60-5	trans-1,2-Dichloroethene	6.0	U
1634-04-4	Methyl tert-Butyl ether	6.0	U
75-34-3	1,1-Dichloroethane	6.0	U
156-59-2	cis-1,2-Dichloroethene	6.0	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.0	U
67-66-3	Chloroform	6.0	U
71-55-6	1,1,1-Trichloroethane	6.0	U
110-82-7	Cyclohexane	6.0	U
56-23-5	Carbon Tetrachloride	6.0	U
71-43-2	Benzene	6.0	U
107-06-2	1,2-Dichloroethane	6.0	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-3

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-18

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016899.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 16

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	280	E
108-87-2	Methylcyclohexane	6.0	U
78-87-5	1,2-Dichloropropane	6.0	U
75-27-4	Bromodichloromethane	6.0	U
10061-01-5	cis-1,3-Dichloropropene	6.0	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	6.0	U
10061-02-6	trans-1,3-Dichloropropene	6.0	U
79-00-5	1,1,2-Trichloroethane	6.0	U
127-18-4	Tetrachloroethene	6.0	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.0	U
106-93-4	1,2-Dibromoethane	6.0	U
108-90-7	Chlorobenzene	6.0	U
100-41-4	Ethylbenzene	6.0	U
95-47-6	o-Xylene	6.0	U
179601-23-1	m, p-Xylene	6.0	U
100-42-5	Styrene	6.0	U
75-25-2	Bromoform	6.0	U
98-82-8	Isopropylbenzene	6.0	U
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U
541-73-1	1,3-Dichlorobenzene	6.0	U
106-46-7	1,4-Dichlorobenzene	6.0	U
95-50-1	1,2-Dichlorobenzene	6.0	U
96-12-8	1,2-Dibromo-3-chloropropane	6.0	U
120-82-1	1,2,4-Trichlorobenzene	6.0	U
87-61-6	1,2,3-Trichlorobenzene	6.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP-3

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-18

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016899.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 16 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
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24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-3DL

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-18DL

Sample wt/vol: 0.53 (g/mL) g Lab File ID: VI016970.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 16 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	560	U
74-87-3	Chloromethane	560	U
75-01-4	Vinyl Chloride	560	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	560	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	560	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	560	U
67-64-1	Acetone	1100	U
75-15-0	Carbon disulfide	560	U
79-20-9	Methyl acetate	560	U
75-09-2	Methylene chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
1634-04-4	Methyl tert-Butyl ether	560	U
75-34-3	1,1-Dichloroethane	560	U
156-59-2	cis-1,2-Dichloroethene	560	U
78-93-3	2-Butanone	1100	U
74-97-5	Bromochloromethane	560	U
67-66-3	Chloroform	560	U
71-55-6	1,1,1-Trichloroethane	560	U
110-82-7	Cyclohexane	560	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	560	U
107-06-2	1,2-Dichloroethane	560	U
123-91-1	1,4-Dioxane	11000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-3DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-18DL

Sample wt/vol: 0.53 (g/mL) g

Lab File ID: VI016970.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 16

Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 10.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	1400	D
108-87-2	Methylcyclohexane	560	U
78-87-5	1,2-Dichloropropane	560	U
75-27-4	Bromodichloromethane	560	U
10061-01-5	cis-1,3-Dichloropropene	560	U
108-10-1	4-Methyl-2-pentanone	1100	U
108-88-3	Toluene	560	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	560	U
591-78-6	2-Hexanone	1100	U
124-48-1	Dibromochloromethane	560	U
106-93-4	1,2-Dibromoethane	560	U
108-90-7	Chlorobenzene	560	U
100-41-4	Ethylbenzene	560	U
95-47-6	o-Xylene	560	U
179601-23-1	m, p-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
98-82-8	Isopropylbenzene	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U
541-73-1	1,3-Dichlorobenzene	560	U
106-46-7	1,4-Dichlorobenzene	560	U
95-50-1	1,2-Dichlorobenzene	560	U
96-12-8	1,2-Dibromo-3-chloropropane	560	U
120-82-1	1,2,4-Trichlorobenzene	560	U
87-61-6	1,2,3-Trichlorobenzene	560	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP-3DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-18DL

Sample wt/vol: 0.53 (g/mL) g Lab File ID: VI016970.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 16 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
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26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-16(1-2)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-19

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016900.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 20 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.2	U
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
75-35-4	1,1-Dichloroethene	6.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	6.2	U
79-20-9	Methyl acetate	6.2	U
75-09-2	Methylene chloride	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.2	U
1634-04-4	Methyl tert-Butyl ether	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
156-59-2	cis-1,2-Dichloroethene	6.2	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	32	
110-82-7	Cyclohexane	6.2	U
56-23-5	Carbon Tetrachloride	6.2	U
71-43-2	Benzene	11	
107-06-2	1,2-Dichloroethane	6.2	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-16(1-2)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-19

Sample wt/vol: 5.03 (g/mL) g

Lab File ID: VI016900.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 20

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	430	E
108-87-2	Methylcyclohexane	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	8.9	
10061-02-6	trans-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
127-18-4	Tetrachloroethene	6.2	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethylbenzene	9.4	
95-47-6	o-Xylene	6.2	U
179601-23-1	m, p-Xylene	11	
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U
87-61-6	1,2,3-Trichlorobenzene	6.2	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-16(1-2)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-19

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI016900.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 20 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
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26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-16(1-2)DL

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-19DL

Sample wt/vol: 1.02 (g/mL) g Lab File ID: VI016971.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 20 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	150	U
74-87-3	Chloromethane	150	U
75-01-4	Vinyl Chloride	150	U
74-83-9	Bromomethane	150	U
75-00-3	Chloroethane	150	U
75-69-4	Trichlorofluoromethane	150	U
75-35-4	1,1-Dichloroethene	150	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	150	U
67-64-1	Acetone	310	U
75-15-0	Carbon disulfide	150	U
79-20-9	Methyl acetate	150	U
75-09-2	Methylene chloride	150	U
156-60-5	trans-1,2-Dichloroethene	150	U
1634-04-4	Methyl tert-Butyl ether	150	U
75-34-3	1,1-Dichloroethane	150	U
156-59-2	cis-1,2-Dichloroethene	150	U
78-93-3	2-Butanone	310	U
74-97-5	Bromochloromethane	150	U
67-66-3	Chloroform	150	U
71-55-6	1,1,1-Trichloroethane	150	U
110-82-7	Cyclohexane	150	U
56-23-5	Carbon Tetrachloride	150	U
71-43-2	Benzene	150	U
107-06-2	1,2-Dichloroethane	150	U
123-91-1	1,4-Dioxane	3100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-16(1-2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-19DL

Sample wt/vol: 1.02 (g/mL) g

Lab File ID: VI016971.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 20

Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 5.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	3000	D
108-87-2	Methylcyclohexane	150	U
78-87-5	1,2-Dichloropropane	150	U
75-27-4	Bromodichloromethane	150	U
10061-01-5	cis-1,3-Dichloropropene	150	U
108-10-1	4-Methyl-2-pentanone	310	U
108-88-3	Toluene	150	U
10061-02-6	trans-1,3-Dichloropropene	150	U
79-00-5	1,1,2-Trichloroethane	150	U
127-18-4	Tetrachloroethene	150	U
591-78-6	2-Hexanone	310	U
124-48-1	Dibromochloromethane	150	U
106-93-4	1,2-Dibromoethane	150	U
108-90-7	Chlorobenzene	150	U
100-41-4	Ethylbenzene	160	D
95-47-6	o-Xylene	150	U
179601-23-1	m, p-Xylene	150	U
100-42-5	Styrene	150	U
75-25-2	Bromoform	150	U
98-82-8	Isopropylbenzene	150	U
79-34-5	1,1,2,2-Tetrachloroethane	150	U
541-73-1	1,3-Dichlorobenzene	150	U
106-46-7	1,4-Dichlorobenzene	150	U
95-50-1	1,2-Dichlorobenzene	150	U
96-12-8	1,2-Dibromo-3-chloropropane	150	U
120-82-1	1,2,4-Trichlorobenzene	150	U
87-61-6	1,2,3-Trichlorobenzene	150	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-16(1-2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-19DL

Sample wt/vol: 1.02 (g/mL) g Lab File ID: VI016971.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 20 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
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28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-16(6-8)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-20

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016901.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 19 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.2	U
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
75-35-4	1,1-Dichloroethene	6.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U
67-64-1	Acetone	14	
75-15-0	Carbon disulfide	6.2	U
79-20-9	Methyl acetate	6.2	U
75-09-2	Methylene chloride	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.2	U
1634-04-4	Methyl tert-Butyl ether	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
156-59-2	cis-1,2-Dichloroethene	24	
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	6.2	U
110-82-7	Cyclohexane	6.2	U
56-23-5	Carbon Tetrachloride	6.2	U
71-43-2	Benzene	6.2	U
107-06-2	1,2-Dichloroethane	6.2	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-16(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-20

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016901.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 19

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	34	
108-87-2	Methylcyclohexane	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	6.2	U
10061-02-6	trans-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
127-18-4	Tetrachloroethene	6.2	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethylbenzene	6.2	U
95-47-6	o-Xylene	6.2	U
179601-23-1	m, p-Xylene	8.9	
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U
87-61-6	1,2,3-Trichlorobenzene	6.2	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-16(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-20

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016901.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 19 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-16(6-8)RE

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-20RE

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016972.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 19 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.1	U
74-87-3	Chloromethane	6.1	U
75-01-4	Vinyl Chloride	6.1	U
74-83-9	Bromomethane	6.1	U
75-00-3	Chloroethane	6.1	U
75-69-4	Trichlorofluoromethane	6.1	U
75-35-4	1,1-Dichloroethene	6.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	6.1	U
79-20-9	Methyl acetate	6.1	U
75-09-2	Methylene chloride	6.1	U
156-60-5	trans-1,2-Dichloroethene	6.1	U
1634-04-4	Methyl tert-Butyl ether	6.1	U
75-34-3	1,1-Dichloroethane	6.1	U
156-59-2	cis-1,2-Dichloroethene	9.9	
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.1	U
67-66-3	Chloroform	6.1	U
71-55-6	1,1,1-Trichloroethane	6.1	U
110-82-7	Cyclohexane	6.1	U
56-23-5	Carbon Tetrachloride	6.1	U
71-43-2	Benzene	6.1	U
107-06-2	1,2-Dichloroethane	6.1	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-16(6-8)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-20RE

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016972.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 19

Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	16	
108-87-2	Methylcyclohexane	6.1	U
78-87-5	1,2-Dichloropropane	6.1	U
75-27-4	Bromodichloromethane	6.1	U
10061-01-5	cis-1,3-Dichloropropene	6.1	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	6.1	U
10061-02-6	trans-1,3-Dichloropropene	6.1	U
79-00-5	1,1,2-Trichloroethane	6.1	U
127-18-4	Tetrachloroethene	6.1	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.1	U
106-93-4	1,2-Dibromoethane	6.1	U
108-90-7	Chlorobenzene	6.1	U
100-41-4	Ethylbenzene	7.3	
95-47-6	o-Xylene	6.1	U
179601-23-1	m, p-Xylene	9.4	
100-42-5	Styrene	6.1	U
75-25-2	Bromoform	6.1	U
98-82-8	Isopropylbenzene	6.1	U
79-34-5	1,1,2,2-Tetrachloroethane	6.1	U
541-73-1	1,3-Dichlorobenzene	6.1	U
106-46-7	1,4-Dichlorobenzene	6.1	U
95-50-1	1,2-Dichlorobenzene	6.1	U
96-12-8	1,2-Dibromo-3-chloropropane	6.1	U
120-82-1	1,2,4-Trichlorobenzene	6.1	U
87-61-6	1,2,3-Trichlorobenzene	6.1	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-16(6-8)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-20RE

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016972.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 19 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-16(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-21

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016902.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 7

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	1600	E
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl Chloride	5.4	U
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	9.4	
75-35-4	1,1-Dichloroethene	5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U
67-64-1	Acetone	29	
75-15-0	Carbon disulfide	7.1	
79-20-9	Methyl acetate	5.4	U
75-09-2	Methylene chloride	63	
156-60-5	trans-1,2-Dichloroethene	5.4	U
1634-04-4	Methyl tert-Butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	5.4	U
156-59-2	cis-1,2-Dichloroethene	14	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	8.9	
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon Tetrachloride	5.4	U
71-43-2	Benzene	160	E
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-16(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-21

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016902.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 7

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	110	E
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	18	
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	5.4	U
95-47-6	o-Xylene	5.4	U
179601-23-1	m, p-Xylene	5.4	U
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-16(12-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-21

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016902.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 7.0 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-16(12-14)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-21DL

Sample wt/vol: 1.03 (g/mL) g

Lab File ID: VI016973.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 7

Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 5.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	2900	ED
74-87-3	Chloromethane	130	U
75-01-4	Vinyl Chloride	130	U
74-83-9	Bromomethane	130	U
75-00-3	Chloroethane	130	U
75-69-4	Trichlorofluoromethane	130	U
75-35-4	1,1-Dichloroethene	130	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	130	U
67-64-1	Acetone	260	U
75-15-0	Carbon disulfide	130	U
79-20-9	Methyl acetate	130	U
75-09-2	Methylene chloride	160	D
156-60-5	trans-1,2-Dichloroethene	130	U
1634-04-4	Methyl tert-Butyl ether	130	U
75-34-3	1,1-Dichloroethane	130	U
156-59-2	cis-1,2-Dichloroethene	130	U
78-93-3	2-Butanone	260	U
74-97-5	Bromochloromethane	130	U
67-66-3	Chloroform	130	U
71-55-6	1,1,1-Trichloroethane	130	U
110-82-7	Cyclohexane	130	U
56-23-5	Carbon Tetrachloride	130	U
71-43-2	Benzene	130	JD
107-06-2	1,2-Dichloroethane	130	U
123-91-1	1,4-Dioxane	2600	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-16(12-14)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-21DL

Sample wt/vol: 1.03 (g/mL) g

Lab File ID: VI016973.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 7

Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 5.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	180	D
108-87-2	Methylcyclohexane	130	U
78-87-5	1,2-Dichloropropane	130	U
75-27-4	Bromodichloromethane	130	U
10061-01-5	cis-1,3-Dichloropropene	130	U
108-10-1	4-Methyl-2-pentanone	260	U
108-88-3	Toluene	130	U
10061-02-6	trans-1,3-Dichloropropene	130	U
79-00-5	1,1,2-Trichloroethane	130	U
127-18-4	Tetrachloroethene	130	U
591-78-6	2-Hexanone	260	U
124-48-1	Dibromochloromethane	130	U
106-93-4	1,2-Dibromoethane	130	U
108-90-7	Chlorobenzene	130	U
100-41-4	Ethylbenzene	130	U
95-47-6	o-Xylene	130	U
179601-23-1	m, p-Xylene	130	U
100-42-5	Styrene	130	U
75-25-2	Bromoform	130	U
98-82-8	Isopropylbenzene	130	U
79-34-5	1,1,2,2-Tetrachloroethane	130	U
541-73-1	1,3-Dichlorobenzene	130	U
106-46-7	1,4-Dichlorobenzene	130	U
95-50-1	1,2-Dichlorobenzene	130	U
96-12-8	1,2-Dibromo-3-chloropropane	130	U
120-82-1	1,2,4-Trichlorobenzene	130	U
87-61-6	1,2,3-Trichlorobenzene	130	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-16(12-14)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-21DL

Sample wt/vol: 1.03 (g/mL) g Lab File ID: VI016973.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 7.0 Date Analyzed: 03/15/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-15(1-2)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-22

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016903.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 15 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.9	U
74-87-3	Chloromethane	5.9	U
75-01-4	Vinyl Chloride	5.9	U
74-83-9	Bromomethane	5.9	U
75-00-3	Chloroethane	5.9	U
75-69-4	Trichlorofluoromethane	5.9	U
75-35-4	1,1-Dichloroethene	5.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	5.9	U
79-20-9	Methyl acetate	5.9	U
75-09-2	Methylene chloride	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.9	U
1634-04-4	Methyl tert-Butyl ether	5.9	U
75-34-3	1,1-Dichloroethane	5.9	U
156-59-2	cis-1,2-Dichloroethene	5.9	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	5.9	U
67-66-3	Chloroform	5.9	U
71-55-6	1,1,1-Trichloroethane	230	E
110-82-7	Cyclohexane	5.9	U
56-23-5	Carbon Tetrachloride	5.9	U
71-43-2	Benzene	13	
107-06-2	1,2-Dichloroethane	5.9	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-15(1-2)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-22

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016903.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 15

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	5900	E
108-87-2	Methylcyclohexane	5.9	U
78-87-5	1,2-Dichloropropane	5.9	U
75-27-4	Bromodichloromethane	5.9	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	9.0	
10061-02-6	trans-1,3-Dichloropropene	5.9	U
79-00-5	1,1,2-Trichloroethane	5.9	U
127-18-4	Tetrachloroethene	5.9	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	5.9	U
106-93-4	1,2-Dibromoethane	5.9	U
108-90-7	Chlorobenzene	5.9	U
100-41-4	Ethylbenzene	6.3	
95-47-6	o-Xylene	5.9	U
179601-23-1	m, p-Xylene	6.8	
100-42-5	Styrene	5.9	U
75-25-2	Bromoform	5.9	U
98-82-8	Isopropylbenzene	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U
541-73-1	1,3-Dichlorobenzene	5.9	U
106-46-7	1,4-Dichlorobenzene	5.9	U
95-50-1	1,2-Dichlorobenzene	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	5.9	U
120-82-1	1,2,4-Trichlorobenzene	5.9	U
87-61-6	1,2,3-Trichlorobenzene	5.9	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-15(1-2)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-22

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016903.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 15 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
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16.					
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20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-15(1-2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-22DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007820.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 15

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	320	JD
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	340	U
74-83-9	Bromomethane	340	U
75-00-3	Chloroethane	340	U
75-69-4	Trichlorofluoromethane	340	U
75-35-4	1,1-Dichloroethene	340	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon disulfide	340	U
79-20-9	Methyl acetate	340	U
75-09-2	Methylene chloride	340	U
156-60-5	trans-1,2-Dichloroethene	340	U
1634-04-4	Methyl tert-Butyl ether	340	U
75-34-3	1,1-Dichloroethane	340	U
156-59-2	cis-1,2-Dichloroethene	340	U
78-93-3	2-Butanone	680	U
74-97-5	Bromochloromethane	340	U
67-66-3	Chloroform	340	U
71-55-6	1,1,1-Trichloroethane	840	D
110-82-7	Cyclohexane	340	U
56-23-5	Carbon Tetrachloride	340	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	340	U
123-91-1	1,4-Dioxane	6800	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-15(1-2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-22DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007820.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 15

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	24000	ED
108-87-2	Methylcyclohexane	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	340	U
79-00-5	1,1,2-Trichloroethane	340	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
124-48-1	Dibromochloromethane	340	U
106-93-4	1,2-Dibromoethane	340	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	340	U
95-47-6	o-Xylene	340	U
179601-23-1	m, p-Xylene	340	U
100-42-5	Styrene	340	U
75-25-2	Bromoform	340	U
98-82-8	Isopropylbenzene	340	U
79-34-5	1,1,2,2-Tetrachloroethane	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
95-50-1	1,2-Dichlorobenzene	340	U
96-12-8	1,2-Dibromo-3-chloropropane	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
87-61-6	1,2,3-Trichlorobenzene	340	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-15(1-2)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-22DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007820.D

Level: (TRACE or LOW/MED) MED Date Received: 03/04/2008

% Moisture: not dec. 15 Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
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20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-15(1-2)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-22DL2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007834.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 15

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 100.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	34000	U
74-87-3	Chloromethane	34000	U
75-01-4	Vinyl Chloride	34000	U
74-83-9	Bromomethane	34000	U
75-00-3	Chloroethane	34000	U
75-69-4	Trichlorofluoromethane	34000	U
75-35-4	1,1-Dichloroethene	34000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	34000	U
67-64-1	Acetone	68000	U
75-15-0	Carbon disulfide	34000	U
79-20-9	Methyl acetate	34000	U
75-09-2	Methylene chloride	34000	U
156-60-5	trans-1,2-Dichloroethene	34000	U
1634-04-4	Methyl tert-Butyl ether	34000	U
75-34-3	1,1-Dichloroethane	34000	U
156-59-2	cis-1,2-Dichloroethene	34000	U
78-93-3	2-Butanone	68000	U
74-97-5	Bromochloromethane	34000	U
67-66-3	Chloroform	34000	U
71-55-6	1,1,1-Trichloroethane	34000	U
110-82-7	Cyclohexane	34000	U
56-23-5	Carbon Tetrachloride	34000	U
71-43-2	Benzene	34000	U
107-06-2	1,2-Dichloroethane	34000	U
123-91-1	1,4-Dioxane	680000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-15(1-2)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-22DL2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007834.D

Level (TRACE/LOW/MED): MED

Date Received: 03/04/2008

% Moisture: not dec. 15

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 100.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	180000	D
108-87-2	Methylcyclohexane	34000	U
78-87-5	1,2-Dichloropropane	34000	U
75-27-4	Bromodichloromethane	34000	U
10061-01-5	cis-1,3-Dichloropropene	34000	U
108-10-1	4-Methyl-2-pentanone	68000	U
108-88-3	Toluene	34000	U
10061-02-6	trans-1,3-Dichloropropene	34000	U
79-00-5	1,1,2-Trichloroethane	34000	U
127-18-4	Tetrachloroethene	34000	U
591-78-6	2-Hexanone	68000	U
124-48-1	Dibromochloromethane	34000	U
106-93-4	1,2-Dibromoethane	34000	U
108-90-7	Chlorobenzene	34000	U
100-41-4	Ethylbenzene	34000	U
95-47-6	o-Xylene	34000	U
179601-23-1	m, p-Xylene	34000	U
100-42-5	Styrene	34000	U
75-25-2	Bromoform	34000	U
98-82-8	Isopropylbenzene	34000	U
79-34-5	1,1,2,2-Tetrachloroethane	34000	U
541-73-1	1,3-Dichlorobenzene	34000	U
106-46-7	1,4-Dichlorobenzene	34000	U
95-50-1	1,2-Dichlorobenzene	34000	U
96-12-8	1,2-Dibromo-3-chloropropane	34000	U
120-82-1	1,2,4-Trichlorobenzene	34000	U
87-61-6	1,2,3-Trichlorobenzene	34000	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-15(1-2)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-22DL2

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007834.D

Level: (TRACE or LOW/MED) MED Date Received: 03/04/2008

% Moisture: not dec. 15 Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 100.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
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19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-15(6-8)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1795-23

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016904.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. 19 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	6.2	U
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
75-35-4	1,1-Dichloroethene	6.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U
67-64-1	Acetone	13	
75-15-0	Carbon disulfide	6.2	U
79-20-9	Methyl acetate	6.2	U
75-09-2	Methylene chloride	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.2	U
1634-04-4	Methyl tert-Butyl ether	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
156-59-2	cis-1,2-Dichloroethene	6.2	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	6.2	U
110-82-7	Cyclohexane	6.2	U
56-23-5	Carbon Tetrachloride	6.2	U
71-43-2	Benzene	6.2	U
107-06-2	1,2-Dichloroethane	6.2	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-15(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1795-23

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016904.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec. 19

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	71	
108-87-2	Methylcyclohexane	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	6.2	U
10061-02-6	trans-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
127-18-4	Tetrachloroethene	6.2	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethylbenzene	6.2	U
95-47-6	o-Xylene	6.2	U
179601-23-1	m, p-Xylene	6.2	U
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U
87-61-6	1,2,3-Trichlorobenzene	6.2	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-15(6-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1795-23

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016904.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. 19 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
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23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-3-3-08

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): WATER Lab Sample ID: Z1795-24

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: VI016989.D

Level (TRACE/LOW/MED): LOW Date Received: 03/04/2008

% Moisture: not dec. Date Analyzed: 03/17/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/L
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-Butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-3-3-08

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795

Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix (SOIL/SED/WATER): WATER

Lab Sample ID: Z1795-24

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: VI016989.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/04/2008

% Moisture: not dec.

Date Analyzed: 03/17/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/L
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m, p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB-3-3-08

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1795 Mod. Ref No.: Z1795 SDG No.: Z1795-01

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: Z1795-24

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: VI016989.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/04/2008

% Moisture: not dec. Date Analyzed: 03/17/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

Summary Sheet
SW-846

SDG No.: Z1795-01
Client: Earth Tech, Inc.

Order ID: Z1795
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	DUP-3							
Z1795-18	DUP-3	SOIL	Acetone	20		12	12	ug/Kg
Z1795-18	DUP-3	SOIL	Trichloroethene	280	E	6.0	6.0	ug/Kg
			Total VOC's:	300.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	300.00				
Client ID:	DUP-3DL							
Z1795-18DL	DUP-3DL	SOIL	Trichloroethene	1400	D	560	560	ug/Kg
			Total VOC's:	1400.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	1400.00				
Client ID:	ETB-15(1-2)							
Z1795-22	ETB-15(1-2)	SOIL	1,1,1-Trichloroethane	230	E	5.9	5.9	ug/Kg
Z1795-22	ETB-15(1-2)	SOIL	Benzene	13		5.9	5.9	ug/Kg
Z1795-22	ETB-15(1-2)	SOIL	Trichloroethene	5900	E	5.9	5.9	ug/Kg
Z1795-22	ETB-15(1-2)	SOIL	Toluene	9.0		5.9	5.9	ug/Kg
Z1795-22	ETB-15(1-2)	SOIL	Ethylbenzene	6.3		5.9	5.9	ug/Kg
Z1795-22	ETB-15(1-2)	SOIL	m,p-Xylene	6.8		5.9	5.9	ug/Kg
			Total VOC's:	6165.10				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	6165.10				
Client ID:	ETB-15(6-8)							
Z1795-23	ETB-15(6-8)	SOIL	Acetone	13		12	12	ug/Kg
Z1795-23	ETB-15(6-8)	SOIL	Trichloroethene	71		6.2	6.2	ug/Kg
			Total VOC's:	84.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	84.00				
Client ID:	ETB-16(1-2)							
Z1795-19	ETB-16(1-2)	SOIL	1,1,1-Trichloroethane	32		6.2	6.2	ug/Kg
Z1795-19	ETB-16(1-2)	SOIL	Benzene	11		6.2	6.2	ug/Kg
Z1795-19	ETB-16(1-2)	SOIL	Trichloroethene	430	E	6.2	6.2	ug/Kg
Z1795-19	ETB-16(1-2)	SOIL	Toluene	8.9		6.2	6.2	ug/Kg
Z1795-19	ETB-16(1-2)	SOIL	Ethylbenzene	9.4		6.2	6.2	ug/Kg
Z1795-19	ETB-16(1-2)	SOIL	m,p-Xylene	11		6.2	6.2	ug/Kg
			Total VOC's:	502.30				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	502.30				

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

Summary Sheet
SW-846

SDG No.: Z1795-01
Client: Earth Tech, Inc.

Order ID: Z1795
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-16(1-2)DL							
Z1795-19DL	ETB-16(1-2)DL	SOIL	Trichloroethene	3000	D	150	150	ug/Kg
Z1795-19DL	ETB-16(1-2)DL	SOIL	Ethylbenzene	160	D	150	150	ug/Kg
Total VOC's:				3160.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				3160.00				
Client ID:	ETB-16(12-14)							
Z1795-21	ETB-16(12-14)	SOIL	Dichlorodifluoromethane	1600	E	5.4	5.4	ug/Kg
Z1795-21	ETB-16(12-14)	SOIL	Trichlorofluoromethane	9.4		5.4	5.4	ug/Kg
Z1795-21	ETB-16(12-14)	SOIL	Acetone	29		11	11	ug/Kg
Z1795-21	ETB-16(12-14)	SOIL	Carbon disulfide	7.1		5.4	5.4	ug/Kg
Z1795-21	ETB-16(12-14)	SOIL	Methylene chloride	63		5.4	5.4	ug/Kg
Z1795-21	ETB-16(12-14)	SOIL	cis-1,2-Dichloroethene	14		5.4	5.4	ug/Kg
Z1795-21	ETB-16(12-14)	SOIL	1,1,1-Trichloroethane	8.9		5.4	5.4	ug/Kg
Z1795-21	ETB-16(12-14)	SOIL	Benzene	160	E	5.4	5.4	ug/Kg
Z1795-21	ETB-16(12-14)	SOIL	Trichloroethene	110	E	5.4	5.4	ug/Kg
Z1795-21	ETB-16(12-14)	SOIL	Toluene	18		5.4	5.4	ug/Kg
Total VOC's:				2019.40				
Total TIC's:				0.00				
Total VOC's and TIC's:				2019.40				
Client ID:	ETB-16(12-14)DL							
Z1795-21DL	ETB-16(12-14)DL	SOIL	Dichlorodifluoromethane	2900	ED	130	130	ug/Kg
Z1795-21DL	ETB-16(12-14)DL	SOIL	Methylene chloride	160	D	130	130	ug/Kg
Z1795-21DL	ETB-16(12-14)DL	SOIL	Benzene	130	JD	130	130	ug/Kg
Z1795-21DL	ETB-16(12-14)DL	SOIL	Trichloroethene	180	D	130	130	ug/Kg
Total VOC's:				3370.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				3370.00				
Client ID:	ETB-16(6-8)							
Z1795-20	ETB-16(6-8)	SOIL	Acetone	14		12	12	ug/Kg
Z1795-20	ETB-16(6-8)	SOIL	cis-1,2-Dichloroethene	24		6.2	6.2	ug/Kg
Z1795-20	ETB-16(6-8)	SOIL	Trichloroethene	34		6.2	6.2	ug/Kg
Z1795-20	ETB-16(6-8)	SOIL	m,p-Xylene	8.9		6.2	6.2	ug/Kg
Total VOC's:				80.90				
Total TIC's:				0.00				
Total VOC's and TIC's:				80.90				

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

Summary Sheet
SW-846

SDG No.: Z1795-01
Client: Earth Tech, Inc.

Order ID: Z1795
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-16(6-8)RE							
Z1795-20RE	ETB-16(6-8)RE	SOIL	cis-1,2-Dichloroethene	9.9		6.1	6.1	ug/Kg
Z1795-20RE	ETB-16(6-8)RE	SOIL	Trichloroethene	16		6.1	6.1	ug/Kg
Z1795-20RE	ETB-16(6-8)RE	SOIL	Ethylbenzene	7.3		6.1	6.1	ug/Kg
Z1795-20RE	ETB-16(6-8)RE	SOIL	m,p-Xylene	9.4		6.1	6.1	ug/Kg
Total VOC's:				42.60				
Total TIC's:				0.00				
Total VOC's and TIC's:				42.60				
Client ID:	ETB-17(1-2)							
Z1795-15	ETB-17(1-2)	SOIL	cis-1,2-Dichloroethene	72		6.0	6.0	ug/Kg
Z1795-15	ETB-17(1-2)	SOIL	1,1,1-Trichloroethane	19		6.0	6.0	ug/Kg
Z1795-15	ETB-17(1-2)	SOIL	Benzene	20		6.0	6.0	ug/Kg
Z1795-15	ETB-17(1-2)	SOIL	Trichloroethene	2600	E	6.0	6.0	ug/Kg
Z1795-15	ETB-17(1-2)	SOIL	Toluene	22		6.0	6.0	ug/Kg
Z1795-15	ETB-17(1-2)	SOIL	Ethylbenzene	18		6.0	6.0	ug/Kg
Z1795-15	ETB-17(1-2)	SOIL	o-Xylene	9.5		6.0	6.0	ug/Kg
Z1795-15	ETB-17(1-2)	SOIL	m,p-Xylene	23		6.0	6.0	ug/Kg
Total VOC's:				2783.50				
Total TIC's:				0.00				
Total VOC's and TIC's:				2783.50				
Client ID:	ETB-17(12-14)							
Z1795-17	ETB-17(12-14)	SOIL	Dichlorodifluoromethane	2500	E	5.3	5.3	ug/Kg
Z1795-17	ETB-17(12-14)	SOIL	Trichlorofluoromethane	12		5.3	5.3	ug/Kg
Z1795-17	ETB-17(12-14)	SOIL	Acetone	70		11	11	ug/Kg
Z1795-17	ETB-17(12-14)	SOIL	Carbon disulfide	12		5.3	5.3	ug/Kg
Z1795-17	ETB-17(12-14)	SOIL	Methylene chloride	500	E	5.3	5.3	ug/Kg
Z1795-17	ETB-17(12-14)	SOIL	cis-1,2-Dichloroethene	160	E	5.3	5.3	ug/Kg
Z1795-17	ETB-17(12-14)	SOIL	1,1,1-Trichloroethane	7.2		5.3	5.3	ug/Kg
Z1795-17	ETB-17(12-14)	SOIL	Benzene	110	E	5.3	5.3	ug/Kg
Z1795-17	ETB-17(12-14)	SOIL	Trichloroethene	110	E	5.3	5.3	ug/Kg
Z1795-17	ETB-17(12-14)	SOIL	Toluene	8.0		5.3	5.3	ug/Kg
Total VOC's:				3489.20				
Total TIC's:				0.00				
Total VOC's and TIC's:				3489.20				

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

Summary Sheet
SW-846

SDG No.: Z1795-01
Client: Earth Tech, Inc.

Order ID: Z1795
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-17(12-14)DL							
Z1795-17DL	ETB-17(12-14)DL	SOIL	Dichlorodifluoromethane	4700	ED	130	130	ug/Kg
Z1795-17DL	ETB-17(12-14)DL	SOIL	Methylene chloride	1000	D	130	130	ug/Kg
Z1795-17DL	ETB-17(12-14)DL	SOIL	cis-1,2-Dichloroethene	410	D	130	130	ug/Kg
Z1795-17DL	ETB-17(12-14)DL	SOIL	Benzene	420	D	130	130	ug/Kg
Z1795-17DL	ETB-17(12-14)DL	SOIL	Trichloroethene	630	D	130	130	ug/Kg
Total VOC's:				7160.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				7160.00				
Client ID:	ETB-17(6-8)							
Z1795-16	ETB-17(6-8)	SOIL	Acetone	13		11	11	ug/Kg
Z1795-16	ETB-17(6-8)	SOIL	cis-1,2-Dichloroethene	570	E	5.7	5.7	ug/Kg
Z1795-16	ETB-17(6-8)	SOIL	1,1,1-Trichloroethane	6.0		5.7	5.7	ug/Kg
Z1795-16	ETB-17(6-8)	SOIL	Benzene	7.4		5.7	5.7	ug/Kg
Z1795-16	ETB-17(6-8)	SOIL	Trichloroethene	500	E	5.7	5.7	ug/Kg
Z1795-16	ETB-17(6-8)	SOIL	Toluene	6.9		5.7	5.7	ug/Kg
Z1795-16	ETB-17(6-8)	SOIL	m,p-Xylene	6.8		5.7	5.7	ug/Kg
Total VOC's:				1110.10				
Total TIC's:				0.00				
Total VOC's and TIC's:				1110.10				
Client ID:	ETB-18(1-2)							
Z1795-12	ETB-18(1-2)	SOIL	cis-1,2-Dichloroethene	6.4		5.9	5.9	ug/Kg
Z1795-12	ETB-18(1-2)	SOIL	Benzene	15		5.9	5.9	ug/Kg
Z1795-12	ETB-18(1-2)	SOIL	Trichloroethene	3500	E	5.9	5.9	ug/Kg
Z1795-12	ETB-18(1-2)	SOIL	Toluene	12		5.9	5.9	ug/Kg
Z1795-12	ETB-18(1-2)	SOIL	Tetrachloroethene	9.6		5.9	5.9	ug/Kg
Z1795-12	ETB-18(1-2)	SOIL	Ethylbenzene	10		5.9	5.9	ug/Kg
Z1795-12	ETB-18(1-2)	SOIL	m,p-Xylene	12		5.9	5.9	ug/Kg
Total VOC's:				3565.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				3565.00				

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

Summary Sheet
SW-846

SDG No.: Z1795-01

Order ID: Z1795

Client: Earth Tech, Inc.

Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-18(5-6.2)							
Z1795-13	ETB-18(5-6.2)	SOIL	Acetone	65		15	15	ug/Kg
Z1795-13	ETB-18(5-6.2)	SOIL	trans-1,2-Dichloroethene	14		7.4	7.4	ug/Kg
Z1795-13	ETB-18(5-6.2)	SOIL	cis-1,2-Dichloroethene	650	E	7.4	7.4	ug/Kg
Z1795-13	ETB-18(5-6.2)	SOIL	1,1,1-Trichloroethane	12		7.4	7.4	ug/Kg
Z1795-13	ETB-18(5-6.2)	SOIL	Benzene	15		7.4	7.4	ug/Kg
Z1795-13	ETB-18(5-6.2)	SOIL	Trichloroethene	3000	E	7.4	7.4	ug/Kg
Z1795-13	ETB-18(5-6.2)	SOIL	Toluene	16		7.4	7.4	ug/Kg
Z1795-13	ETB-18(5-6.2)	SOIL	Ethylbenzene	19		7.4	7.4	ug/Kg
Z1795-13	ETB-18(5-6.2)	SOIL	o-Xylene	10		7.4	7.4	ug/Kg
Z1795-13	ETB-18(5-6.2)	SOIL	m,p-Xylene	24		7.4	7.4	ug/Kg
Total VOC's:				3825.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				3825.00				
Client ID:	ETB-19(12-14)							
Z1795-10	ETB-19(12-14)	SOIL	Dichlorodifluoromethane	1300	E	5.3	5.3	ug/Kg
Z1795-10	ETB-19(12-14)	SOIL	Trichlorofluoromethane	10		5.3	5.3	ug/Kg
Z1795-10	ETB-19(12-14)	SOIL	Acetone	32		11	11	ug/Kg
Z1795-10	ETB-19(12-14)	SOIL	Carbon disulfide	8.8		5.3	5.3	ug/Kg
Z1795-10	ETB-19(12-14)	SOIL	Methylene chloride	50		5.3	5.3	ug/Kg
Z1795-10	ETB-19(12-14)	SOIL	cis-1,2-Dichloroethene	130	E	5.3	5.3	ug/Kg
Z1795-10	ETB-19(12-14)	SOIL	Benzene	180	E	5.3	5.3	ug/Kg
Z1795-10	ETB-19(12-14)	SOIL	Trichloroethene	370	E	5.3	5.3	ug/Kg
Z1795-10	ETB-19(12-14)	SOIL	Toluene	24		5.3	5.3	ug/Kg
Z1795-10	ETB-19(12-14)	SOIL	o-Xylene	5.5		5.3	5.3	ug/Kg
Total VOC's:				2110.30				
Total TIC's:				0.00				
Total VOC's and TIC's:				2110.30				
Client ID:	ETB-19(12-14)DL							
Z1795-10DL	ETB-19(12-14)DL	SOIL	Dichlorodifluoromethane	1500	D	130	130	ug/Kg
Z1795-10DL	ETB-19(12-14)DL	SOIL	cis-1,2-Dichloroethene	390	D	130	130	ug/Kg
Z1795-10DL	ETB-19(12-14)DL	SOIL	Benzene	260	D	130	130	ug/Kg
Z1795-10DL	ETB-19(12-14)DL	SOIL	Trichloroethene	1100	D	130	130	ug/Kg
Total VOC's:				3250.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				3250.00				

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

Summary Sheet
SW-846

SDG No.: Z1795-01
Client: Earth Tech, Inc.

Order ID: Z1795
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-19(17-19)							
Z1795-11	ETB-19(17-19)	SOIL	Dichlorodifluoromethane	690	E	5.4	5.4	ug/Kg
Z1795-11	ETB-19(17-19)	SOIL	Trichlorofluoromethane	7.5		5.4	5.4	ug/Kg
Z1795-11	ETB-19(17-19)	SOIL	Acetone	16		11	11	ug/Kg
Z1795-11	ETB-19(17-19)	SOIL	Carbon disulfide	9.1		5.4	5.4	ug/Kg
Z1795-11	ETB-19(17-19)	SOIL	Methylene chloride	30		5.4	5.4	ug/Kg
Z1795-11	ETB-19(17-19)	SOIL	cis-1,2-Dichloroethene	46		5.4	5.4	ug/Kg
Z1795-11	ETB-19(17-19)	SOIL	Benzene	220	E	5.4	5.4	ug/Kg
Z1795-11	ETB-19(17-19)	SOIL	Trichloroethene	260	E	5.4	5.4	ug/Kg
Z1795-11	ETB-19(17-19)	SOIL	Toluene	35		5.4	5.4	ug/Kg
Z1795-11	ETB-19(17-19)	SOIL	Ethylbenzene	8.7		5.4	5.4	ug/Kg
Z1795-11	ETB-19(17-19)	SOIL	m,p-Xylene	5.6		5.4	5.4	ug/Kg
Total VOC's:				1327.90				
Total TIC's:				0.00				
Total VOC's and TIC's:				1327.90				
Client ID:	ETB-19(5-6)							
Z1795-09	ETB-19(5-6)	SOIL	Methylene chloride	5.8		5.7	5.7	ug/Kg
Z1795-09	ETB-19(5-6)	SOIL	cis-1,2-Dichloroethene	140	E	5.7	5.7	ug/Kg
Z1795-09	ETB-19(5-6)	SOIL	1,1,1-Trichloroethane	43		5.7	5.7	ug/Kg
Z1795-09	ETB-19(5-6)	SOIL	Benzene	19		5.7	5.7	ug/Kg
Z1795-09	ETB-19(5-6)	SOIL	Trichloroethene	3500	E	5.7	5.7	ug/Kg
Z1795-09	ETB-19(5-6)	SOIL	Toluene	14		5.7	5.7	ug/Kg
Z1795-09	ETB-19(5-6)	SOIL	Ethylbenzene	9.0		5.7	5.7	ug/Kg
Z1795-09	ETB-19(5-6)	SOIL	m,p-Xylene	11		5.7	5.7	ug/Kg
Total VOC's:				3741.80				
Total TIC's:				0.00				
Total VOC's and TIC's:				3741.80				

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

Summary Sheet
SW-846

SDG No.: Z1795-01
Client: Earth Tech, Inc.

Order ID: Z1795
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-20(10-11.6)							
Z1795-07	ETB-20(10-11.6)	SOIL	Vinyl Chloride	110		6.6	6.6	ug/Kg
Z1795-07	ETB-20(10-11.6)	SOIL	Methylene chloride	7.9		6.6	6.6	ug/Kg
Z1795-07	ETB-20(10-11.6)	SOIL	trans-1,2-Dichloroethene	91		6.6	6.6	ug/Kg
Z1795-07	ETB-20(10-11.6)	SOIL	1,1-Dichloroethane	9.5		6.6	6.6	ug/Kg
Z1795-07	ETB-20(10-11.6)	SOIL	cis-1,2-Dichloroethene	1800	E	6.6	6.6	ug/Kg
Z1795-07	ETB-20(10-11.6)	SOIL	Benzene	9.7		6.6	6.6	ug/Kg
Z1795-07	ETB-20(10-11.6)	SOIL	Trichloroethene	300	E	6.6	6.6	ug/Kg
Z1795-07	ETB-20(10-11.6)	SOIL	Toluene	6.7		6.6	6.6	ug/Kg
Z1795-07	ETB-20(10-11.6)	SOIL	Ethylbenzene	6.8		6.6	6.6	ug/Kg
Z1795-07	ETB-20(10-11.6)	SOIL	m,p-Xylene	7.8		6.6	6.6	ug/Kg
Z1795-07	ETB-20(10-11.6)	SOIL	unknown8.16	* 6.9	J	0	0	ug/Kg
Total VOC's:				2349.40				
Total TIC's:				6.90				
Total VOC's and TIC's:				2356.30				
Client ID:	ETB-20(1-3)							
Z1795-05	ETB-20(1-3)	SOIL	Methylene chloride	10		6.0	6.0	ug/Kg
Z1795-05	ETB-20(1-3)	SOIL	trans-1,2-Dichloroethene	90		6.0	6.0	ug/Kg
Z1795-05	ETB-20(1-3)	SOIL	cis-1,2-Dichloroethene	1600	E	6.0	6.0	ug/Kg
Z1795-05	ETB-20(1-3)	SOIL	Benzene	15		6.0	6.0	ug/Kg
Z1795-05	ETB-20(1-3)	SOIL	Trichloroethene	790	E	6.0	6.0	ug/Kg
Z1795-05	ETB-20(1-3)	SOIL	Toluene	9.8		6.0	6.0	ug/Kg
Z1795-05	ETB-20(1-3)	SOIL	Ethylbenzene	8.1		6.0	6.0	ug/Kg
Z1795-05	ETB-20(1-3)	SOIL	m,p-Xylene	10		6.0	6.0	ug/Kg
Total VOC's:				2532.90				
Total TIC's:				0.00				
Total VOC's and TIC's:				2532.90				

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

Summary Sheet
SW-846

SDG No.: Z1795-01
Client: Earth Tech, Inc.

Order ID: Z1795
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-20(6-8)							
Z1795-06	ETB-20(6-8)	SOIL	Acetone	25		13	13	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	Carbon disulfide	18		6.7	6.7	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	cis-1,2-Dichloroethene	8.4		6.7	6.7	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	Benzene	13		6.7	6.7	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	Trichloroethene	67		6.7	6.7	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	Toluene	8.4		6.7	6.7	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	Ethylbenzene	8.1		6.7	6.7	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	m,p-Xylene	7.6		6.7	6.7	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	unknown12.28	* 91	J	0	0	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	unknown13.00	* 43	J	0	0	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	unknown13.23	* 60	J	0	0	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	unknown13.45	* 43	J	0	0	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	unknown14.22	* 67	J	0	0	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	unknown14.42	* 75	J	0	0	ug/Kg
Z1795-06	ETB-20(6-8)	SOIL	Decalin, syn-1-methyl-, cis-	* 54	JN	0	0	ug/Kg
Total VOC's:				155.50				
Total TIC's:				433.00				
Total VOC's and TIC's:				588.50				
Client ID:	ETB-20(6-8)RE							
Z1795-06RE	ETB-20(6-8)RE	SOIL	Trichloroethene	15		6.7	6.7	ug/Kg
Total VOC's:				15.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				15.00				
Client ID:	ETB-21(11.5-13)							
Z1795-03	ETB-21(11.5-13)	SOIL	Vinyl Chloride	60		5.4	5.4	ug/Kg
Z1795-03	ETB-21(11.5-13)	SOIL	1,1-Dichloroethene	50		5.4	5.4	ug/Kg
Z1795-03	ETB-21(11.5-13)	SOIL	Acetone	22		11	11	ug/Kg
Z1795-03	ETB-21(11.5-13)	SOIL	Carbon disulfide	9.3		5.4	5.4	ug/Kg
Z1795-03	ETB-21(11.5-13)	SOIL	Methylene chloride	7.6		5.4	5.4	ug/Kg
Z1795-03	ETB-21(11.5-13)	SOIL	trans-1,2-Dichloroethene	63		5.4	5.4	ug/Kg
Z1795-03	ETB-21(11.5-13)	SOIL	1,1-Dichloroethane	7.8		5.4	5.4	ug/Kg
Z1795-03	ETB-21(11.5-13)	SOIL	cis-1,2-Dichloroethene	8100	E	5.4	5.4	ug/Kg
Z1795-03	ETB-21(11.5-13)	SOIL	Benzene	13		5.4	5.4	ug/Kg
Z1795-03	ETB-21(11.5-13)	SOIL	Trichloroethene	15000	E	5.4	5.4	ug/Kg
Z1795-03	ETB-21(11.5-13)	SOIL	Toluene	12		5.4	5.4	ug/Kg
Z1795-03	ETB-21(11.5-13)	SOIL	Tetrachloroethene	19		5.4	5.4	ug/Kg
Total VOC's:				23363.70				
Total TIC's:				0.00				
Total VOC's and TIC's:				23363.70				

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

Summary Sheet
SW-846

SDG No.: Z1795-01
Client: Earth Tech, Inc.

Order ID: Z1795
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-21(15-16.5)							
Z1795-04	ETB-21(15-16.5)	SOIL	Vinyl Chloride	57		5.4	5.4	ug/Kg
Z1795-04	ETB-21(15-16.5)	SOIL	1,1-Dichloroethene	58		5.4	5.4	ug/Kg
Z1795-04	ETB-21(15-16.5)	SOIL	trans-1,2-Dichloroethene	20		5.4	5.4	ug/Kg
Z1795-04	ETB-21(15-16.5)	SOIL	1,1-Dichloroethane	13		5.4	5.4	ug/Kg
Z1795-04	ETB-21(15-16.5)	SOIL	cis-1,2-Dichloroethene	5100	E	5.4	5.4	ug/Kg
Z1795-04	ETB-21(15-16.5)	SOIL	Benzene	20		5.4	5.4	ug/Kg
Z1795-04	ETB-21(15-16.5)	SOIL	1,4-Dioxane	190		110	110	ug/Kg
Z1795-04	ETB-21(15-16.5)	SOIL	Trichloroethene	12000	E	5.4	5.4	ug/Kg
Z1795-04	ETB-21(15-16.5)	SOIL	Toluene	7.2		5.4	5.4	ug/Kg
Total VOC's:				17465.20				
Total TIC's:				0.00				
Total VOC's and TIC's:				17465.20				
Client ID:	ETB-21(6-8)							
Z1795-02	ETB-21(6-8)	SOIL	Acetone	28		12	12	ug/Kg
Z1795-02	ETB-21(6-8)	SOIL	cis-1,2-Dichloroethene	6.6		5.9	5.9	ug/Kg
Z1795-02	ETB-21(6-8)	SOIL	Trichloroethene	14		5.9	5.9	ug/Kg
Z1795-02	ETB-21(6-8)	SOIL	unknown8.16	* 12	J	0	0	ug/Kg
Total VOC's:				48.60				
Total TIC's:				12.00				
Total VOC's and TIC's:				60.60				

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

Summary Sheet
SW-846

SDG No.: Z1795-01
Client: Earth Tech, Inc.

Order ID: Z1795
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-15(1-2)DL							
Z1795-22DL	ETB-15(1-2)DL	SOIL	Dichlorodifluoromethane	320	JD	340	67.6	ug/Kg
Z1795-22DL	ETB-15(1-2)DL	SOIL	1,1,1-Trichloroethane	840	D	340	67.6	ug/Kg
Z1795-22DL	ETB-15(1-2)DL	SOIL	Trichloroethene	24000	ED	340	67.6	ug/Kg
			Total VOC's:	25160.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	25160.00				
Client ID:	ETB-15(1-2)DL2							
Z1795-22DL2	ETB-15(1-2)DL2	SOIL	Trichloroethene	180000	D	34000	6760	ug/Kg
			Total VOC's:	180000.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	180000.00				
Client ID:	ETB-17(1-2)DL							
Z1795-15DL	ETB-17(1-2)DL	SOIL	Trichloroethene	5000	D	350	70.5	ug/Kg
			Total VOC's:	5000.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	5000.00				
Client ID:	ETB-17(6-8)DL							
Z1795-16DL	ETB-17(6-8)DL	SOIL	cis-1,2-Dichloroethene	580	D	320	64.9	ug/Kg
Z1795-16DL	ETB-17(6-8)DL	SOIL	Trichloroethene	2300	D	320	64.9	ug/Kg
			Total VOC's:	2880.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	2880.00				
Client ID:	ETB-18(1-2)DL							
Z1795-12DL	ETB-18(1-2)DL	SOIL	Trichloroethene	11000	D	340	67.6	ug/Kg
			Total VOC's:	11000.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	11000.00				
Client ID:	ETB-18(5-6.2)DL							
Z1795-13DL	ETB-18(5-6.2)DL	SOIL	cis-1,2-Dichloroethene	290	JD	490	97.1	ug/Kg
Z1795-13DL	ETB-18(5-6.2)DL	SOIL	Trichloroethene	1900	D	490	97.1	ug/Kg
			Total VOC's:	2190.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	2190.00				

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

Summary Sheet
SW-846

SDG No.: Z1795-01
Client: Earth Tech, Inc.

Order ID: Z1795
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-19(17-19)DL							
Z1795-11DL	ETB-19(17-19)DL	SOIL	Dichlorodifluoromethane	330	D	290	58.7	ug/Kg
Z1795-11DL	ETB-19(17-19)DL	SOIL	Acetone	180	JD	590	58.7	ug/Kg
Z1795-11DL	ETB-19(17-19)DL	SOIL	Ethylbenzene	160	JD	290	58.7	ug/Kg
Z1795-11DL	ETB-19(17-19)DL	SOIL	m,p-Xylene	190	JD	290	58.7	ug/Kg
Total VOC's:				860.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				860.00				
Client ID:	ETB-19(5-6)DL							
Z1795-09DL	ETB-19(5-6)DL	SOIL	cis-1,2-Dichloroethene	280	JD	320	64.9	ug/Kg
Z1795-09DL	ETB-19(5-6)DL	SOIL	1,1,1-Trichloroethane	180	JD	320	64.9	ug/Kg
Z1795-09DL	ETB-19(5-6)DL	SOIL	Trichloroethene	12000	D	320	64.9	ug/Kg
Total VOC's:				12460.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				12460.00				
Client ID:	ETB-20(10-11.6)DL							
Z1795-07DL	ETB-20(10-11.6)DL	SOIL	trans-1,2-Dichloroethene	1400	D	410	81.6	ug/Kg
Z1795-07DL	ETB-20(10-11.6)DL	SOIL	cis-1,2-Dichloroethene	24000	ED	410	81.6	ug/Kg
Z1795-07DL	ETB-20(10-11.6)DL	SOIL	Trichloroethene	8400	D	410	81.6	ug/Kg
Total VOC's:				33800.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				33800.00				
Client ID:	ETB-20(1-3)DL							
Z1795-05DL	ETB-20(1-3)DL	SOIL	trans-1,2-Dichloroethene	4900	D	350	69.0	ug/Kg
Z1795-05DL	ETB-20(1-3)DL	SOIL	1,1-Dichloroethane	270	JD	350	69.0	ug/Kg
Z1795-05DL	ETB-20(1-3)DL	SOIL	cis-1,2-Dichloroethene	51000	ED	350	69.0	ug/Kg
Z1795-05DL	ETB-20(1-3)DL	SOIL	1,1,1-Trichloroethane	190	JD	350	69.0	ug/Kg
Z1795-05DL	ETB-20(1-3)DL	SOIL	1,4-Dioxane	170	JD	6900	69.0	ug/Kg
Z1795-05DL	ETB-20(1-3)DL	SOIL	Trichloroethene	28000	ED	350	69.0	ug/Kg
Z1795-05DL	ETB-20(1-3)DL	SOIL	Toluene	210	JD	350	69.0	ug/Kg
Z1795-05DL	ETB-20(1-3)DL	SOIL	m,p-Xylene	330	JD	350	69.0	ug/Kg
Total VOC's:				85070.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				85070.00				

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

Summary Sheet
SW-846

SDG No.: Z1795-01
Client: Earth Tech, Inc.

Order ID: Z1795
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-21(11.5-13)DL							
Z1795-03DL	ETB-21(11.5-13)DL	SOIL	1,1-Dichloroethene	190	JD	290	58.7	ug/Kg
Z1795-03DL	ETB-21(11.5-13)DL	SOIL	trans-1,2-Dichloroethene	240	JD	290	58.7	ug/Kg
Z1795-03DL	ETB-21(11.5-13)DL	SOIL	cis-1,2-Dichloroethene	38000	ED	290	58.7	ug/Kg
Z1795-03DL	ETB-21(11.5-13)DL	SOIL	Trichloroethene	140000	ED	290	58.7	ug/Kg
Z1795-03DL	ETB-21(11.5-13)DL	SOIL	Tetrachloroethene	150	JD	290	58.7	ug/Kg
Total VOC's:				178580.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				178580.00				
Client ID:	ETB-21(15-16.5)DL							
Z1795-04DL	ETB-21(15-16.5)DL	SOIL	Vinyl Chloride	170	JD	290	57.5	ug/Kg
Z1795-04DL	ETB-21(15-16.5)DL	SOIL	1,1-Dichloroethene	410	D	290	57.5	ug/Kg
Z1795-04DL	ETB-21(15-16.5)DL	SOIL	Acetone	150	JD	580	57.5	ug/Kg
Z1795-04DL	ETB-21(15-16.5)DL	SOIL	trans-1,2-Dichloroethene	210	JD	290	57.5	ug/Kg
Z1795-04DL	ETB-21(15-16.5)DL	SOIL	cis-1,2-Dichloroethene	41000	ED	290	57.5	ug/Kg
Z1795-04DL	ETB-21(15-16.5)DL	SOIL	1,4-Dioxane	150	JD	5800	57.5	ug/Kg
Z1795-04DL	ETB-21(15-16.5)DL	SOIL	Trichloroethene	130000	ED	290	57.5	ug/Kg
Total VOC's:				172090.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				172090.00				

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

**ANALYTICAL RESULTS
SUMMARY**

PROJECT NAME: NYSDEC North East Alloys

**EARTH TECH, INC.
40 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
5189512200**

**CHEMTECH PROJECT NO.
ATTENTION:**

**Z1845
Caroline Benedict**

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(0.5-2)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1845-01

Sample wt/vol: 1.01 (g/mL) g Lab File ID: VI016952.D

Level (TRACE/LOW/MED): LOW Date Received: 03/05/2008

% Moisture: not dec. 19 Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	150	U
74-87-3	Chloromethane	150	U
75-01-4	Vinyl Chloride	150	U
74-83-9	Bromomethane	150	U
75-00-3	Chloroethane	150	U
75-69-4	Trichlorofluoromethane	150	U
75-35-4	1,1-Dichloroethene	150	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	150	U
67-64-1	Acetone	310	U
75-15-0	Carbon disulfide	150	U
79-20-9	Methyl acetate	150	U
75-09-2	Methylene chloride	150	U
156-60-5	trans-1,2-Dichloroethene	150	U
1634-04-4	Methyl tert-Butyl ether	150	U
75-34-3	1,1-Dichloroethane	150	U
156-59-2	cis-1,2-Dichloroethene	810	
78-93-3	2-Butanone	310	U
74-97-5	Bromochloromethane	150	U
67-66-3	Chloroform	150	U
71-55-6	1,1,1-Trichloroethane	150	U
110-82-7	Cyclohexane	150	U
56-23-5	Carbon Tetrachloride	150	U
71-43-2	Benzene	150	U
107-06-2	1,2-Dichloroethane	150	U
123-91-1	1,4-Dioxane	3100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(0.5-2)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1845-01

Sample wt/vol: 1.01 (g/mL) g Lab File ID: VI016952.D

Level (TRACE/LOW/MED): LOW Date Received: 03/05/2008

% Moisture: not dec. 19 Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	1100	
108-87-2	Methylcyclohexane	150	U
78-87-5	1,2-Dichloropropane	150	U
75-27-4	Bromodichloromethane	150	U
10061-01-5	cis-1,3-Dichloropropene	150	U
108-10-1	4-Methyl-2-pentanone	310	U
108-88-3	Toluene	150	U
10061-02-6	trans-1,3-Dichloropropene	150	U
79-00-5	1,1,2-Trichloroethane	150	U
127-18-4	Tetrachloroethene	150	U
591-78-6	2-Hexanone	310	U
124-48-1	Dibromochloromethane	150	U
106-93-4	1,2-Dibromoethane	150	U
108-90-7	Chlorobenzene	150	U
100-41-4	Ethylbenzene	150	U
95-47-6	o-Xylene	150	U
179601-23-1	m, p-Xylene	150	U
100-42-5	Styrene	150	U
75-25-2	Bromoform	150	U
98-82-8	Isopropylbenzene	150	U
79-34-5	1,1,2,2-Tetrachloroethane	150	U
541-73-1	1,3-Dichlorobenzene	150	U
106-46-7	1,4-Dichlorobenzene	150	U
95-50-1	1,2-Dichlorobenzene	150	U
96-12-8	1,2-Dibromo-3-chloropropane	150	U
120-82-1	1,2,4-Trichlorobenzene	150	U
87-61-6	1,2,3-Trichlorobenzene	150	U

**1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS**

EPA SAMPLE NO.

ETB-26(0.5-2)

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-01

(SOIL/SED/WATER)
Sample wt/vol: 1.0 (g/mL) g

Lab File ID: VI016952.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 19

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(10-11)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-02

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016927.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.6	U
74-87-3	Chloromethane	5.6	U
75-01-4	Vinyl Chloride	5.6	U
74-83-9	Bromomethane	5.6	U
75-00-3	Chloroethane	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U
75-35-4	1,1-Dichloroethene	5.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.6	U
79-20-9	Methyl acetate	5.6	U
75-09-2	Methylene chloride	5.9	
156-60-5	trans-1,2-Dichloroethene	5.6	U
1634-04-4	Methyl tert-Butyl ether	5.6	U
75-34-3	1,1-Dichloroethane	5.6	U
156-59-2	cis-1,2-Dichloroethene	11	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.6	U
67-66-3	Chloroform	5.6	U
71-55-6	1,1,1-Trichloroethane	5.6	U
110-82-7	Cyclohexane	5.6	U
56-23-5	Carbon Tetrachloride	5.6	U
71-43-2	Benzene	13	
107-06-2	1,2-Dichloroethane	5.6	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(10-11)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-02

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016927.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	40	
108-87-2	Methylcyclohexane	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U
75-27-4	Bromodichloromethane	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	9.9	
10061-02-6	trans-1,3-Dichloropropene	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.6	U
106-93-4	1,2-Dibromoethane	5.6	U
108-90-7	Chlorobenzene	5.6	U
100-41-4	Ethylbenzene	10	
95-47-6	o-Xylene	6.0	
179601-23-1	m, p-Xylene	11	
100-42-5	Styrene	5.6	U
75-25-2	Bromoform	5.6	U
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U
87-61-6	1,2,3-Trichlorobenzene	5.6	U

**1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS**

EPA SAMPLE NO.

ETB-26(10-11)

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-02

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016927.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown6.32	6.32	7.2	J
2.		unknown8.15	8.15	13	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(10-11)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-02RE

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016953.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.6	U
74-87-3	Chloromethane	5.6	U
75-01-4	Vinyl Chloride	5.6	U
74-83-9	Bromomethane	5.6	U
75-00-3	Chloroethane	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U
75-35-4	1,1-Dichloroethene	5.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U
67-64-1	Acetone	13	
75-15-0	Carbon disulfide	5.6	U
79-20-9	Methyl acetate	5.6	U
75-09-2	Methylene chloride	5.6	U
156-60-5	trans-1,2-Dichloroethene	5.6	U
1634-04-4	Methyl tert-Butyl ether	5.6	U
75-34-3	1,1-Dichloroethane	5.6	U
156-59-2	cis-1,2-Dichloroethene	8.0	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.6	U
67-66-3	Chloroform	5.6	U
71-55-6	1,1,1-Trichloroethane	5.6	U
110-82-7	Cyclohexane	5.6	U
56-23-5	Carbon Tetrachloride	5.6	U
71-43-2	Benzene	12	
107-06-2	1,2-Dichloroethane	5.6	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(10-11)RE

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-02RE

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016953.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	27	
108-87-2	Methylcyclohexane	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U
75-27-4	Bromodichloromethane	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	6.5	
10061-02-6	trans-1,3-Dichloropropene	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.6	U
106-93-4	1,2-Dibromoethane	5.6	U
108-90-7	Chlorobenzene	5.6	U
100-41-4	Ethylbenzene	5.6	U
95-47-6	o-Xylene	5.6	U
179601-23-1	m, p-Xylene	5.6	U
100-42-5	Styrene	5.6	U
75-25-2	Bromoform	5.6	U
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U
87-61-6	1,2,3-Trichlorobenzene	5.6	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-26(10-11)RE

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-02RE

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016953.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(10-11)MS

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-03MS

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016945.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.6	U
74-87-3	Chloromethane	5.6	U
75-01-4	Vinyl Chloride	5.6	U
74-83-9	Bromomethane	5.6	U
75-00-3	Chloroethane	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U
75-35-4	1,1-Dichloroethene	64	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.6	U
79-20-9	Methyl acetate	5.6	U
75-09-2	Methylene chloride	5.6	U
156-60-5	trans-1,2-Dichloroethene	5.6	U
1634-04-4	Methyl tert-Butyl ether	5.6	U
75-34-3	1,1-Dichloroethane	5.6	U
156-59-2	cis-1,2-Dichloroethene	5.6	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.6	U
67-66-3	Chloroform	5.6	U
71-55-6	1,1,1-Trichloroethane	5.6	U
110-82-7	Cyclohexane	5.6	U
56-23-5	Carbon Tetrachloride	5.6	U
71-43-2	Benzene	68	
107-06-2	1,2-Dichloroethane	5.6	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(10-11)MS

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-03MS

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016945.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	57	
108-87-2	Methylcyclohexane	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U
75-27-4	Bromodichloromethane	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	63	
10061-02-6	trans-1,3-Dichloropropene	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.6	U
106-93-4	1,2-Dibromoethane	5.6	U
108-90-7	Chlorobenzene	57	
100-41-4	Ethylbenzene	5.6	U
95-47-6	o-Xylene	5.6	U
179601-23-1	m, p-Xylene	5.6	U
100-42-5	Styrene	5.6	U
75-25-2	Bromoform	5.6	U
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U
87-61-6	1,2,3-Trichlorobenzene	5.6	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(10-11)MSD

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-04MSD

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016946.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.6	U
74-87-3	Chloromethane	5.6	U
75-01-4	Vinyl Chloride	5.6	U
74-83-9	Bromomethane	5.6	U
75-00-3	Chloroethane	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U
75-35-4	1,1-Dichloroethene	70	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.6	U
79-20-9	Methyl acetate	5.6	U
75-09-2	Methylene chloride	5.6	U
156-60-5	trans-1,2-Dichloroethene	5.6	U
1634-04-4	Methyl tert-Butyl ether	5.6	U
75-34-3	1,1-Dichloroethane	5.6	U
156-59-2	cis-1,2-Dichloroethene	8.3	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.6	U
67-66-3	Chloroform	5.6	U
71-55-6	1,1,1-Trichloroethane	5.6	U
110-82-7	Cyclohexane	5.6	U
56-23-5	Carbon Tetrachloride	5.6	U
71-43-2	Benzene	120	E
107-06-2	1,2-Dichloroethane	5.6	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(10-11)MSD

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-04MSD

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016946.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	99	
108-87-2	Methylcyclohexane	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U
75-27-4	Bromodichloromethane	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	89	
10061-02-6	trans-1,3-Dichloropropene	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.6	U
106-93-4	1,2-Dibromoethane	5.6	U
108-90-7	Chlorobenzene	58	
100-41-4	Ethylbenzene	9.2	
95-47-6	o-Xylene	5.6	U
179601-23-1	m, p-Xylene	9.1	
100-42-5	Styrene	5.6	U
75-25-2	Bromoform	5.6	U
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U
87-61-6	1,2,3-Trichlorobenzene	5.6	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(16-17)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-05

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016928.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 8

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	540	E
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl Chloride	5.4	U
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	6.8	
75-35-4	1,1-Dichloroethene	5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U
67-64-1	Acetone	28	
75-15-0	Carbon disulfide	7.5	
79-20-9	Methyl acetate	8.0	
75-09-2	Methylene chloride	32	
156-60-5	trans-1,2-Dichloroethene	5.4	U
1634-04-4	Methyl tert-Butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	5.4	U
156-59-2	cis-1,2-Dichloroethene	14	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	5.4	U
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon Tetrachloride	5.4	U
71-43-2	Benzene	72	
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(16-17)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-05

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016928.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 8

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	58	
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	6.6	
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	5.4	U
95-47-6	o-Xylene	5.4	U
179601-23-1	m, p-Xylene	5.4	U
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-26(16-17)

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-05

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016928.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 8.0

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(16-17)DL

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1845-05DL

Sample wt/vol: 1.03 (g/mL) g Lab File ID: VI016954.D

Level (TRACE/LOW/MED): LOW Date Received: 03/05/2008

% Moisture: not dec. 8 Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	420	D
74-87-3	Chloromethane	26	U
75-01-4	Vinyl Chloride	26	U
74-83-9	Bromomethane	26	U
75-00-3	Chloroethane	26	U
75-69-4	Trichlorofluoromethane	26	U
75-35-4	1,1-Dichloroethene	26	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	26	U
67-64-1	Acetone	53	U
75-15-0	Carbon disulfide	26	U
79-20-9	Methyl acetate	26	U
75-09-2	Methylene chloride	26	U
156-60-5	trans-1,2-Dichloroethene	26	U
1634-04-4	Methyl tert-Butyl ether	26	U
75-34-3	1,1-Dichloroethane	26	U
156-59-2	cis-1,2-Dichloroethene	26	U
78-93-3	2-Butanone	53	U
74-97-5	Bromochloromethane	26	U
67-66-3	Chloroform	26	U
71-55-6	1,1,1-Trichloroethane	26	U
110-82-7	Cyclohexane	26	U
56-23-5	Carbon Tetrachloride	26	U
71-43-2	Benzene	37	D
107-06-2	1,2-Dichloroethane	26	U
123-91-1	1,4-Dioxane	530	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-26(16-17)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-05DL

Sample wt/vol: 1.03 (g/mL) g

Lab File ID: VI016954.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 8

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	76	D
108-87-2	Methylcyclohexane	26	U
78-87-5	1,2-Dichloropropane	26	U
75-27-4	Bromodichloromethane	26	U
10061-01-5	cis-1,3-Dichloropropene	26	U
108-10-1	4-Methyl-2-pentanone	53	U
108-88-3	Toluene	26	U
10061-02-6	trans-1,3-Dichloropropene	26	U
79-00-5	1,1,2-Trichloroethane	26	U
127-18-4	Tetrachloroethene	26	U
591-78-6	2-Hexanone	53	U
124-48-1	Dibromochloromethane	26	U
106-93-4	1,2-Dibromoethane	26	U
108-90-7	Chlorobenzene	26	U
100-41-4	Ethylbenzene	26	U
95-47-6	o-Xylene	26	U
179601-23-1	m, p-Xylene	26	U
100-42-5	Styrene	26	U
75-25-2	Bromoform	26	U
98-82-8	Isopropylbenzene	26	U
79-34-5	1,1,2,2-Tetrachloroethane	26	U
541-73-1	1,3-Dichlorobenzene	26	U
106-46-7	1,4-Dichlorobenzene	26	U
95-50-1	1,2-Dichlorobenzene	26	U
96-12-8	1,2-Dibromo-3-chloropropane	26	U
120-82-1	1,2,4-Trichlorobenzene	26	U
87-61-6	1,2,3-Trichlorobenzene	26	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-26(16-17)DL

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-05DL

(SOIL/SED/WATER)
Sample wt/vol: 1.0 (g/mL) g

Lab File ID: VI016954.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 8.0

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(1-2.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-06

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016929.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 14

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.8	U
74-87-3	Chloromethane	5.8	U
75-01-4	Vinyl Chloride	5.8	U
74-83-9	Bromomethane	5.8	U
75-00-3	Chloroethane	5.8	U
75-69-4	Trichlorofluoromethane	5.8	U
75-35-4	1,1-Dichloroethene	5.8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	5.8	U
79-20-9	Methyl acetate	5.8	U
75-09-2	Methylene chloride	5.8	U
156-60-5	trans-1,2-Dichloroethene	7.7	
1634-04-4	Methyl tert-Butyl ether	5.8	U
75-34-3	1,1-Dichloroethane	5.8	U
156-59-2	cis-1,2-Dichloroethene	400	E
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	5.8	U
67-66-3	Chloroform	5.8	U
71-55-6	1,1,1-Trichloroethane	51	
110-82-7	Cyclohexane	5.8	U
56-23-5	Carbon Tetrachloride	5.8	U
71-43-2	Benzene	5.8	
107-06-2	1,2-Dichloroethane	5.8	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(1-2.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-06

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016929.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 14

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	5000	E
108-87-2	Methylcyclohexane	5.8	U
78-87-5	1,2-Dichloropropane	5.8	U
75-27-4	Bromodichloromethane	5.8	U
10061-01-5	cis-1,3-Dichloropropene	5.8	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	5.8	U
10061-02-6	trans-1,3-Dichloropropene	5.8	U
79-00-5	1,1,2-Trichloroethane	5.8	U
127-18-4	Tetrachloroethene	18	
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	5.8	U
106-93-4	1,2-Dibromoethane	5.8	U
108-90-7	Chlorobenzene	5.8	U
100-41-4	Ethylbenzene	5.8	U
95-47-6	o-Xylene	5.8	U
179601-23-1	m, p-Xylene	5.8	U
100-42-5	Styrene	5.8	U
75-25-2	Bromoform	5.8	U
98-82-8	Isopropylbenzene	5.8	U
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U
541-73-1	1,3-Dichlorobenzene	5.8	U
106-46-7	1,4-Dichlorobenzene	5.8	U
95-50-1	1,2-Dichlorobenzene	5.8	U
96-12-8	1,2-Dibromo-3-chloropropane	5.8	U
120-82-1	1,2,4-Trichlorobenzene	5.8	U
87-61-6	1,2,3-Trichlorobenzene	5.8	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-25(1-2.5)

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-06

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016929.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 14

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(1-2.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-06DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007812.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 14

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	280	JD
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	330	U
74-83-9	Bromomethane	330	U
75-00-3	Chloroethane	330	U
75-69-4	Trichlorofluoromethane	330	U
75-35-4	1,1-Dichloroethene	330	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	330	U
67-64-1	Acetone	170	JD
75-15-0	Carbon disulfide	330	U
79-20-9	Methyl acetate	330	U
75-09-2	Methylene chloride	330	U
156-60-5	trans-1,2-Dichloroethene	330	U
1634-04-4	Methyl tert-Butyl ether	330	U
75-34-3	1,1-Dichloroethane	330	U
156-59-2	cis-1,2-Dichloroethene	2500	D
78-93-3	2-Butanone	660	U
74-97-5	Bromochloromethane	330	U
67-66-3	Chloroform	330	U
71-55-6	1,1,1-Trichloroethane	810	D
110-82-7	Cyclohexane	330	U
56-23-5	Carbon Tetrachloride	330	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	330	U
123-91-1	1,4-Dioxane	6600	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(1-2.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-06DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007812.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 14

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	52000	ED
108-87-2	Methylcyclohexane	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-pentanone	660	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	330	U
79-00-5	1,1,2-Trichloroethane	330	U
127-18-4	Tetrachloroethene	310	JD
591-78-6	2-Hexanone	660	U
124-48-1	Dibromochloromethane	330	U
106-93-4	1,2-Dibromoethane	330	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	330	U
95-47-6	o-Xylene	330	U
179601-23-1	m, p-Xylene	330	U
100-42-5	Styrene	330	U
75-25-2	Bromoform	330	U
98-82-8	Isopropylbenzene	330	U
79-34-5	1,1,2,2-Tetrachloroethane	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
96-12-8	1,2-Dibromo-3-chloropropane	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
87-61-6	1,2,3-Trichlorobenzene	330	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-25(1-2.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1845-06DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007812.D

Level: (TRACE or LOW/MED) MED Date Received: 03/05/2008

% Moisture: not dec. 14 Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(1-2.5)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-06DL2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007831.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 14

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 100.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	33000	U
74-87-3	Chloromethane	33000	U
75-01-4	Vinyl Chloride	33000	U
74-83-9	Bromomethane	33000	U
75-00-3	Chloroethane	33000	U
75-69-4	Trichlorofluoromethane	33000	U
75-35-4	1,1-Dichloroethene	33000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	33000	U
67-64-1	Acetone	66000	U
75-15-0	Carbon disulfide	33000	U
79-20-9	Methyl acetate	33000	U
75-09-2	Methylene chloride	33000	U
156-60-5	trans-1,2-Dichloroethene	33000	U
1634-04-4	Methyl tert-Butyl ether	33000	U
75-34-3	1,1-Dichloroethane	33000	U
156-59-2	cis-1,2-Dichloroethene	33000	U
78-93-3	2-Butanone	66000	U
74-97-5	Bromochloromethane	33000	U
67-66-3	Chloroform	33000	U
71-55-6	1,1,1-Trichloroethane	33000	U
110-82-7	Cyclohexane	33000	U
56-23-5	Carbon Tetrachloride	33000	U
71-43-2	Benzene	33000	U
107-06-2	1,2-Dichloroethane	33000	U
123-91-1	1,4-Dioxane	660000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(1-2.5)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-06DL2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007831.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 14

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 100.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	80000	D
108-87-2	Methylcyclohexane	33000	U
78-87-5	1,2-Dichloropropane	33000	U
75-27-4	Bromodichloromethane	33000	U
10061-01-5	cis-1,3-Dichloropropene	33000	U
108-10-1	4-Methyl-2-pentanone	66000	U
108-88-3	Toluene	33000	U
10061-02-6	trans-1,3-Dichloropropene	33000	U
79-00-5	1,1,2-Trichloroethane	33000	U
127-18-4	Tetrachloroethene	33000	U
591-78-6	2-Hexanone	66000	U
124-48-1	Dibromochloromethane	33000	U
106-93-4	1,2-Dibromoethane	33000	U
108-90-7	Chlorobenzene	33000	U
100-41-4	Ethylbenzene	33000	U
95-47-6	o-Xylene	33000	U
179601-23-1	m, p-Xylene	33000	U
100-42-5	Styrene	33000	U
75-25-2	Bromoform	33000	U
98-82-8	Isopropylbenzene	33000	U
79-34-5	1,1,2,2-Tetrachloroethane	33000	U
541-73-1	1,3-Dichlorobenzene	33000	U
106-46-7	1,4-Dichlorobenzene	33000	U
95-50-1	1,2-Dichlorobenzene	33000	U
96-12-8	1,2-Dibromo-3-chloropropane	33000	U
120-82-1	1,2,4-Trichlorobenzene	33000	U
87-61-6	1,2,3-Trichlorobenzene	33000	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-25(1-2.5)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1845-06DL2

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007831.D

Level: (TRACE or LOW/MED) MED Date Received: 03/05/2008

% Moisture: not dec. 14 Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 100.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(1-2.5)MS

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-07MS

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016947.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 14

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.8	U
74-87-3	Chloromethane	5.8	U
75-01-4	Vinyl Chloride	5.8	U
74-83-9	Bromomethane	5.8	U
75-00-3	Chloroethane	5.8	U
75-69-4	Trichlorofluoromethane	5.8	U
75-35-4	1,1-Dichloroethene	61	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	5.8	U
79-20-9	Methyl acetate	5.8	U
75-09-2	Methylene chloride	7.0	
156-60-5	trans-1,2-Dichloroethene	25	
1634-04-4	Methyl tert-Butyl ether	5.8	U
75-34-3	1,1-Dichloroethane	5.8	U
156-59-2	cis-1,2-Dichloroethene	1200	E
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	5.8	U
67-66-3	Chloroform	5.8	U
71-55-6	1,1,1-Trichloroethane	290	E
110-82-7	Cyclohexane	5.8	U
56-23-5	Carbon Tetrachloride	5.8	U
71-43-2	Benzene	160	E
107-06-2	1,2-Dichloroethane	5.8	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(1-2.5)MS

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-07MS

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016947.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 14

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	11000	E
108-87-2	Methylcyclohexane	5.8	U
78-87-5	1,2-Dichloropropane	5.8	U
75-27-4	Bromodichloromethane	5.8	U
10061-01-5	cis-1,3-Dichloropropene	5.8	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	100	
10061-02-6	trans-1,3-Dichloropropene	5.8	U
79-00-5	1,1,2-Trichloroethane	5.8	U
127-18-4	Tetrachloroethene	65	
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	5.8	U
106-93-4	1,2-Dibromoethane	5.8	U
108-90-7	Chlorobenzene	61	
100-41-4	Ethylbenzene	6.6	
95-47-6	o-Xylene	5.8	U
179601-23-1	m, p-Xylene	6.5	
100-42-5	Styrene	5.8	U
75-25-2	Bromoform	5.8	U
98-82-8	Isopropylbenzene	5.8	U
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U
541-73-1	1,3-Dichlorobenzene	5.8	U
106-46-7	1,4-Dichlorobenzene	5.8	U
95-50-1	1,2-Dichlorobenzene	5.8	U
96-12-8	1,2-Dibromo-3-chloropropane	5.8	U
120-82-1	1,2,4-Trichlorobenzene	5.8	U
87-61-6	1,2,3-Trichlorobenzene	5.8	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(1-2.5)MSD

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-08MSD

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016948.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 14

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.8	U
74-87-3	Chloromethane	5.8	U
75-01-4	Vinyl Chloride	5.8	U
74-83-9	Bromomethane	5.8	U
75-00-3	Chloroethane	5.8	U
75-69-4	Trichlorofluoromethane	5.8	U
75-35-4	1,1-Dichloroethene	58	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	5.8	U
79-20-9	Methyl acetate	5.8	U
75-09-2	Methylene chloride	6.1	
156-60-5	trans-1,2-Dichloroethene	28	
1634-04-4	Methyl tert-Butyl ether	5.8	U
75-34-3	1,1-Dichloroethane	5.8	U
156-59-2	cis-1,2-Dichloroethene	1200	E
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	5.8	U
67-66-3	Chloroform	5.8	U
71-55-6	1,1,1-Trichloroethane	310	E
110-82-7	Cyclohexane	5.8	U
56-23-5	Carbon Tetrachloride	5.8	U
71-43-2	Benzene	160	E
107-06-2	1,2-Dichloroethane	5.8	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(1-2.5)MSD

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-08MSD

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016948.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 14

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	11000	E
108-87-2	Methylcyclohexane	5.8	U
78-87-5	1,2-Dichloropropane	5.8	U
75-27-4	Bromodichloromethane	5.8	U
10061-01-5	cis-1,3-Dichloropropene	5.8	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	100	
10061-02-6	trans-1,3-Dichloropropene	5.8	U
79-00-5	1,1,2-Trichloroethane	5.8	U
127-18-4	Tetrachloroethene	85	
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	5.8	U
106-93-4	1,2-Dibromoethane	5.8	U
108-90-7	Chlorobenzene	60	
100-41-4	Ethylbenzene	5.8	U
95-47-6	o-Xylene	5.8	U
179601-23-1	m, p-Xylene	5.8	U
100-42-5	Styrene	5.8	U
75-25-2	Bromoform	5.8	U
98-82-8	Isopropylbenzene	5.8	U
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U
541-73-1	1,3-Dichlorobenzene	5.8	U
106-46-7	1,4-Dichlorobenzene	5.8	U
95-50-1	1,2-Dichlorobenzene	5.8	U
96-12-8	1,2-Dibromo-3-chloropropane	5.8	U
120-82-1	1,2,4-Trichlorobenzene	5.8	U
87-61-6	1,2,3-Trichlorobenzene	5.8	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(10-11.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-09

Sample wt/vol: 5.03 (g/mL) g

Lab File ID: VI016930.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.6	U
74-87-3	Chloromethane	5.6	U
75-01-4	Vinyl Chloride	5.6	U
74-83-9	Bromomethane	5.6	U
75-00-3	Chloroethane	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U
75-35-4	1,1-Dichloroethene	5.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.6	U
79-20-9	Methyl acetate	5.6	U
75-09-2	Methylene chloride	5.6	U
156-60-5	trans-1,2-Dichloroethene	5.6	U
1634-04-4	Methyl tert-Butyl ether	5.6	U
75-34-3	1,1-Dichloroethane	12	
156-59-2	cis-1,2-Dichloroethene	920	E
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.6	U
67-66-3	Chloroform	5.6	U
71-55-6	1,1,1-Trichloroethane	5.6	U
110-82-7	Cyclohexane	5.6	U
56-23-5	Carbon Tetrachloride	5.6	U
71-43-2	Benzene	5.6	U
107-06-2	1,2-Dichloroethane	5.6	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(10-11.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-09

Sample wt/vol: 5.03 (g/mL) g

Lab File ID: VI016930.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	3900	E
108-87-2	Methylcyclohexane	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U
75-27-4	Bromodichloromethane	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	5.6	U
10061-02-6	trans-1,3-Dichloropropene	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.6	U
106-93-4	1,2-Dibromoethane	5.6	U
108-90-7	Chlorobenzene	5.6	U
100-41-4	Ethylbenzene	5.6	U
95-47-6	o-Xylene	5.6	U
179601-23-1	m, p-Xylene	5.6	U
100-42-5	Styrene	5.6	U
75-25-2	Bromoform	5.6	U
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U
87-61-6	1,2,3-Trichlorobenzene	5.6	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-25(10-11.5)

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-09

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016930.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

VOCMS Group1

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(10-11.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-09DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007813.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	310	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	310	U
74-83-9	Bromomethane	310	U
75-00-3	Chloroethane	310	U
75-69-4	Trichlorofluoromethane	310	U
75-35-4	1,1-Dichloroethene	310	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	310	U
67-64-1	Acetone	160	JD
75-15-0	Carbon disulfide	310	U
79-20-9	Methyl acetate	310	U
75-09-2	Methylene chloride	310	U
156-60-5	trans-1,2-Dichloroethene	310	U
1634-04-4	Methyl tert-Butyl ether	310	U
75-34-3	1,1-Dichloroethane	310	U
156-59-2	cis-1,2-Dichloroethene	4500	D
78-93-3	2-Butanone	620	U
74-97-5	Bromochloromethane	310	U
67-66-3	Chloroform	310	U
71-55-6	1,1,1-Trichloroethane	310	U
110-82-7	Cyclohexane	310	U
56-23-5	Carbon Tetrachloride	310	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	310	U
123-91-1	1,4-Dioxane	6200	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(10-11.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-09DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007813.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	83000	ED
108-87-2	Methylcyclohexane	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	310	U
79-00-5	1,1,2-Trichloroethane	310	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
124-48-1	Dibromochloromethane	310	U
106-93-4	1,2-Dibromoethane	310	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	310	U
95-47-6	o-Xylene	310	U
179601-23-1	m, p-Xylene	310	U
100-42-5	Styrene	310	U
75-25-2	Bromoform	310	U
98-82-8	Isopropylbenzene	310	U
79-34-5	1,1,2,2-Tetrachloroethane	310	U
541-73-1	1,3-Dichlorobenzene	310	U
106-46-7	1,4-Dichlorobenzene	310	U
95-50-1	1,2-Dichlorobenzene	310	U
96-12-8	1,2-Dibromo-3-chloropropane	310	U
120-82-1	1,2,4-Trichlorobenzene	310	U
87-61-6	1,2,3-Trichlorobenzene	310	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-25(10-11.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1845-09DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007813.D

Level: (TRACE or LOW/MED) MED Date Received: 03/05/2008

% Moisture: not dec. 11 Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(10-11.5)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-09DL2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007832.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 100.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	31000	U
74-87-3	Chloromethane	31000	U
75-01-4	Vinyl Chloride	31000	U
74-83-9	Bromomethane	31000	U
75-00-3	Chloroethane	31000	U
75-69-4	Trichlorofluoromethane	31000	U
75-35-4	1,1-Dichloroethene	31000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	31000	U
67-64-1	Acetone	62000	U
75-15-0	Carbon disulfide	31000	U
79-20-9	Methyl acetate	31000	U
75-09-2	Methylene chloride	31000	U
156-60-5	trans-1,2-Dichloroethene	31000	U
1634-04-4	Methyl tert-Butyl ether	31000	U
75-34-3	1,1-Dichloroethane	31000	U
156-59-2	cis-1,2-Dichloroethene	31000	U
78-93-3	2-Butanone	62000	U
74-97-5	Bromochloromethane	31000	U
67-66-3	Chloroform	31000	U
71-55-6	1,1,1-Trichloroethane	31000	U
110-82-7	Cyclohexane	31000	U
56-23-5	Carbon Tetrachloride	31000	U
71-43-2	Benzene	31000	U
107-06-2	1,2-Dichloroethane	31000	U
123-91-1	1,4-Dioxane	19000	JDB

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(10-11.5)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-09DL2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007832.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 11

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 100.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	140000	D
108-87-2	Methylcyclohexane	31000	U
78-87-5	1,2-Dichloropropane	31000	U
75-27-4	Bromodichloromethane	31000	U
10061-01-5	cis-1,3-Dichloropropene	31000	U
108-10-1	4-Methyl-2-pentanone	62000	U
108-88-3	Toluene	31000	U
10061-02-6	trans-1,3-Dichloropropene	31000	U
79-00-5	1,1,2-Trichloroethane	31000	U
127-18-4	Tetrachloroethene	31000	U
591-78-6	2-Hexanone	62000	U
124-48-1	Dibromochloromethane	31000	U
106-93-4	1,2-Dibromoethane	31000	U
108-90-7	Chlorobenzene	31000	U
100-41-4	Ethylbenzene	31000	U
95-47-6	o-Xylene	31000	U
179601-23-1	m, p-Xylene	31000	U
100-42-5	Styrene	31000	U
75-25-2	Bromoform	31000	U
98-82-8	Isopropylbenzene	31000	U
79-34-5	1,1,2,2-Tetrachloroethane	31000	U
541-73-1	1,3-Dichlorobenzene	31000	U
106-46-7	1,4-Dichlorobenzene	31000	U
95-50-1	1,2-Dichlorobenzene	31000	U
96-12-8	1,2-Dibromo-3-chloropropane	31000	U
120-82-1	1,2,4-Trichlorobenzene	31000	U
87-61-6	1,2,3-Trichlorobenzene	31000	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-25(10-11.5)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1845-09DL2

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007832.D

Level: (TRACE or LOW/MED) MED Date Received: 03/05/2008

% Moisture: not dec. 11 Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 100.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(11.5-13)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1845-10

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016931.D

Level (TRACE/LOW/MED): LOW Date Received: 03/05/2008

% Moisture: not dec. 8 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	650	E
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl Chloride	5.4	U
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	6.0	
75-35-4	1,1-Dichloroethene	5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U
67-64-1	Acetone	24	
75-15-0	Carbon disulfide	12	
79-20-9	Methyl acetate	5.4	U
75-09-2	Methylene chloride	31	
156-60-5	trans-1,2-Dichloroethene	5.4	U
1634-04-4	Methyl tert-Butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	5.4	U
156-59-2	cis-1,2-Dichloroethene	250	E
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	5.8	
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon Tetrachloride	5.4	U
71-43-2	Benzene	58	
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(11.5-13)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-10

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016931.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 8

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	1300	E
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	7.1	
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	5.4	U
95-47-6	o-Xylene	5.4	U
179601-23-1	m, p-Xylene	5.4	U
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-25(11.5-13)

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-10

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016931.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 8.0

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

VOCMS Group1

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(11.5-13)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-10DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007814.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 8

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	180	JD
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	290	U
74-83-9	Bromomethane	290	U
75-00-3	Chloroethane	290	U
75-69-4	Trichlorofluoromethane	290	U
75-35-4	1,1-Dichloroethene	290	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon disulfide	290	U
79-20-9	Methyl acetate	290	U
75-09-2	Methylene chloride	290	U
156-60-5	trans-1,2-Dichloroethene	290	U
1634-04-4	Methyl tert-Butyl ether	290	U
75-34-3	1,1-Dichloroethane	290	U
156-59-2	cis-1,2-Dichloroethene	260	JD
78-93-3	2-Butanone	590	U
74-97-5	Bromochloromethane	290	U
67-66-3	Chloroform	290	U
71-55-6	1,1,1-Trichloroethane	290	U
110-82-7	Cyclohexane	290	U
56-23-5	Carbon Tetrachloride	290	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	290	U
123-91-1	1,4-Dioxane	5900	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-25(11.5-13)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-10DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007814.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 8

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	2300	D
108-87-2	Methylcyclohexane	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	290	U
79-00-5	1,1,2-Trichloroethane	290	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
124-48-1	Dibromochloromethane	290	U
106-93-4	1,2-Dibromoethane	290	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	290	U
95-47-6	o-Xylene	290	U
179601-23-1	m, p-Xylene	290	U
100-42-5	Styrene	290	U
75-25-2	Bromoform	290	U
98-82-8	Isopropylbenzene	290	U
79-34-5	1,1,2,2-Tetrachloroethane	290	U
541-73-1	1,3-Dichlorobenzene	290	U
106-46-7	1,4-Dichlorobenzene	290	U
95-50-1	1,2-Dichlorobenzene	290	U
96-12-8	1,2-Dibromo-3-chloropropane	290	U
120-82-1	1,2,4-Trichlorobenzene	290	U
87-61-6	1,2,3-Trichlorobenzene	290	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-25(11.5-13)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1845-10DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007814.D

Level: (TRACE or LOW/MED) MED Date Received: 03/05/2008

% Moisture: not dec. 8.0 Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-24(1-3)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1845-11

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016956.D

Level (TRACE/LOW/MED): LOW Date Received: 03/05/2008

% Moisture: not dec. 10 Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.6	U
74-87-3	Chloromethane	5.6	U
75-01-4	Vinyl Chloride	5.6	U
74-83-9	Bromomethane	5.6	U
75-00-3	Chloroethane	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U
75-35-4	1,1-Dichloroethene	5.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.6	U
79-20-9	Methyl acetate	5.6	U
75-09-2	Methylene chloride	11	
156-60-5	trans-1,2-Dichloroethene	5.6	U
1634-04-4	Methyl tert-Butyl ether	5.6	U
75-34-3	1,1-Dichloroethane	5.6	U
156-59-2	cis-1,2-Dichloroethene	75	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.6	U
67-66-3	Chloroform	7.0	
71-55-6	1,1,1-Trichloroethane	15	
110-82-7	Cyclohexane	5.6	U
56-23-5	Carbon Tetrachloride	5.6	U
71-43-2	Benzene	31	
107-06-2	1,2-Dichloroethane	5.6	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-24(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-11

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016956.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 10

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	420	E
108-87-2	Methylcyclohexane	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U
75-27-4	Bromodichloromethane	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	25	
10061-02-6	trans-1,3-Dichloropropene	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.6	U
106-93-4	1,2-Dibromoethane	5.6	U
108-90-7	Chlorobenzene	5.6	U
100-41-4	Ethylbenzene	25	
95-47-6	o-Xylene	14	
179601-23-1	m, p-Xylene	27	
100-42-5	Styrene	5.6	U
75-25-2	Bromoform	5.6	U
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U
87-61-6	1,2,3-Trichlorobenzene	5.6	U

**1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS**

EPA SAMPLE NO.

ETB-24(1-3)

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-11

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016956.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 10

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown13.62	13.62	38	J
2.		unknown14.29	14.29	42	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-24(1-3)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-11DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007815.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 10

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	310	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	310	U
74-83-9	Bromomethane	310	U
75-00-3	Chloroethane	310	U
75-69-4	Trichlorofluoromethane	310	U
75-35-4	1,1-Dichloroethene	310	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon disulfide	310	U
79-20-9	Methyl acetate	310	U
75-09-2	Methylene chloride	310	U
156-60-5	trans-1,2-Dichloroethene	310	U
1634-04-4	Methyl tert-Butyl ether	310	U
75-34-3	1,1-Dichloroethane	310	U
156-59-2	cis-1,2-Dichloroethene	310	U
78-93-3	2-Butanone	610	U
74-97-5	Bromochloromethane	310	U
67-66-3	Chloroform	310	U
71-55-6	1,1,1-Trichloroethane	310	U
110-82-7	Cyclohexane	310	U
56-23-5	Carbon Tetrachloride	310	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	310	U
123-91-1	1,4-Dioxane	6100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-24(1-3)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-11DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007815.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 10

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	1200	D
108-87-2	Methylcyclohexane	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	310	U
79-00-5	1,1,2-Trichloroethane	310	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
124-48-1	Dibromochloromethane	310	U
106-93-4	1,2-Dibromoethane	310	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	310	U
95-47-6	o-Xylene	310	U
179601-23-1	m, p-Xylene	310	U
100-42-5	Styrene	310	U
75-25-2	Bromoform	310	U
98-82-8	Isopropylbenzene	310	U
79-34-5	1,1,2,2-Tetrachloroethane	310	U
541-73-1	1,3-Dichlorobenzene	310	U
106-46-7	1,4-Dichlorobenzene	310	U
95-50-1	1,2-Dichlorobenzene	310	U
96-12-8	1,2-Dibromo-3-chloropropane	310	U
120-82-1	1,2,4-Trichlorobenzene	310	U
87-61-6	1,2,3-Trichlorobenzene	310	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-24(1-3)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1845-11DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007815.D

Level: (TRACE or LOW/MED) MED Date Received: 03/05/2008

% Moisture: not dec. 10 Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-24(6-7.5)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1845-12

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI016933.D

Level (TRACE/LOW/MED): LOW Date Received: 03/05/2008

% Moisture: not dec. 15 Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.9	U
74-87-3	Chloromethane	5.9	U
75-01-4	Vinyl Chloride	5.9	U
74-83-9	Bromomethane	5.9	U
75-00-3	Chloroethane	5.9	U
75-69-4	Trichlorofluoromethane	5.9	U
75-35-4	1,1-Dichloroethene	5.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	5.9	U
79-20-9	Methyl acetate	5.9	U
75-09-2	Methylene chloride	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.9	U
1634-04-4	Methyl tert-Butyl ether	5.9	U
75-34-3	1,1-Dichloroethane	5.9	U
156-59-2	cis-1,2-Dichloroethene	16	
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	5.9	U
67-66-3	Chloroform	5.9	U
71-55-6	1,1,1-Trichloroethane	5.9	U
110-82-7	Cyclohexane	5.9	U
56-23-5	Carbon Tetrachloride	5.9	U
71-43-2	Benzene	5.9	U
107-06-2	1,2-Dichloroethane	5.9	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-24(6-7.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-12

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016933.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 15

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	9.8	
108-87-2	Methylcyclohexane	5.9	U
78-87-5	1,2-Dichloropropane	5.9	U
75-27-4	Bromodichloromethane	5.9	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	5.9	U
10061-02-6	trans-1,3-Dichloropropene	5.9	U
79-00-5	1,1,2-Trichloroethane	5.9	U
127-18-4	Tetrachloroethene	5.9	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	5.9	U
106-93-4	1,2-Dibromoethane	5.9	U
108-90-7	Chlorobenzene	5.9	U
100-41-4	Ethylbenzene	5.9	U
95-47-6	o-Xylene	5.9	U
179601-23-1	m, p-Xylene	5.9	U
100-42-5	Styrene	5.9	U
75-25-2	Bromoform	5.9	U
98-82-8	Isopropylbenzene	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U
541-73-1	1,3-Dichlorobenzene	5.9	U
106-46-7	1,4-Dichlorobenzene	5.9	U
95-50-1	1,2-Dichlorobenzene	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	5.9	U
120-82-1	1,2,4-Trichlorobenzene	5.9	U
87-61-6	1,2,3-Trichlorobenzene	5.9	U

**1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS**

EPA SAMPLE NO.

ETB-24(6-7.5)

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-12

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016933.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 15

Date Analyzed: 03/13/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown8.16	8.16	14	J
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-23(5-6)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1845-13

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016939.D

Level (TRACE/LOW/MED): LOW Date Received: 03/05/2008

% Moisture: not dec. 20 Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	170	E
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
75-35-4	1,1-Dichloroethene	6.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	6.2	U
79-20-9	Methyl acetate	6.2	U
75-09-2	Methylene chloride	20	
156-60-5	trans-1,2-Dichloroethene	6.2	U
1634-04-4	Methyl tert-Butyl ether	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
156-59-2	cis-1,2-Dichloroethene	32	
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	6.2	U
110-82-7	Cyclohexane	6.2	U
56-23-5	Carbon Tetrachloride	6.2	U
71-43-2	Benzene	64	
107-06-2	1,2-Dichloroethane	6.2	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-23(5-6)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-13

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016939.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 20

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	340	E
108-87-2	Methylcyclohexane	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	18	
10061-02-6	trans-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
127-18-4	Tetrachloroethene	6.2	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethylbenzene	9.7	
95-47-6	o-Xylene	6.2	U
179601-23-1	m, p-Xylene	7.3	
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U
87-61-6	1,2,3-Trichlorobenzene	6.2	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-23(5-6)

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-13

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016939.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 20

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-23(5-6)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-13DL

Sample wt/vol: 1.02 (g/mL) g

Lab File ID: VI016957.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 20

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	99	D
74-87-3	Chloromethane	31	U
75-01-4	Vinyl Chloride	31	U
74-83-9	Bromomethane	31	U
75-00-3	Chloroethane	31	U
75-69-4	Trichlorofluoromethane	31	U
75-35-4	1,1-Dichloroethene	31	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	31	U
67-64-1	Acetone	61	U
75-15-0	Carbon disulfide	31	U
79-20-9	Methyl acetate	31	U
75-09-2	Methylene chloride	31	U
156-60-5	trans-1,2-Dichloroethene	31	U
1634-04-4	Methyl tert-Butyl ether	31	U
75-34-3	1,1-Dichloroethane	31	U
156-59-2	cis-1,2-Dichloroethene	33	D
78-93-3	2-Butanone	61	U
74-97-5	Bromochloromethane	31	U
67-66-3	Chloroform	31	U
71-55-6	1,1,1-Trichloroethane	31	U
110-82-7	Cyclohexane	31	U
56-23-5	Carbon Tetrachloride	31	U
71-43-2	Benzene	40	D
107-06-2	1,2-Dichloroethane	31	U
123-91-1	1,4-Dioxane	610	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-23(5-6)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-13DL

Sample wt/vol: 1.02 (g/mL) g

Lab File ID: VI016957.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 20

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	290	D
108-87-2	Methylcyclohexane	31	U
78-87-5	1,2-Dichloropropane	31	U
75-27-4	Bromodichloromethane	31	U
10061-01-5	cis-1,3-Dichloropropene	31	U
108-10-1	4-Methyl-2-pentanone	61	U
108-88-3	Toluene	31	U
10061-02-6	trans-1,3-Dichloropropene	31	U
79-00-5	1,1,2-Trichloroethane	31	U
127-18-4	Tetrachloroethene	31	U
591-78-6	2-Hexanone	61	U
124-48-1	Dibromochloromethane	31	U
106-93-4	1,2-Dibromoethane	31	U
108-90-7	Chlorobenzene	31	U
100-41-4	Ethylbenzene	31	U
95-47-6	o-Xylene	31	U
179601-23-1	m, p-Xylene	31	U
100-42-5	Styrene	31	U
75-25-2	Bromoform	31	U
98-82-8	Isopropylbenzene	31	U
79-34-5	1,1,2,2-Tetrachloroethane	31	U
541-73-1	1,3-Dichlorobenzene	31	U
106-46-7	1,4-Dichlorobenzene	31	U
95-50-1	1,2-Dichlorobenzene	31	U
96-12-8	1,2-Dibromo-3-chloropropane	31	U
120-82-1	1,2,4-Trichlorobenzene	31	U
87-61-6	1,2,3-Trichlorobenzene	31	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-23(5-6)DL

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-13DL

(SOIL/SED/WATER)
Sample wt/vol: 1.0 (g/mL) g

Lab File ID: VI016957.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 20

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-23(10-11.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-14

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016940.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 5

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.2	U
74-87-3	Chloromethane	5.2	U
75-01-4	Vinyl Chloride	5.2	U
74-83-9	Bromomethane	5.2	U
75-00-3	Chloroethane	5.2	U
75-69-4	Trichlorofluoromethane	5.2	U
75-35-4	1,1-Dichloroethene	5.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.2	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.2	U
79-20-9	Methyl acetate	5.2	U
75-09-2	Methylene chloride	5.2	U
156-60-5	trans-1,2-Dichloroethene	5.2	U
1634-04-4	Methyl tert-Butyl ether	5.2	U
75-34-3	1,1-Dichloroethane	5.2	U
156-59-2	cis-1,2-Dichloroethene	5.2	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.2	U
67-66-3	Chloroform	5.2	U
71-55-6	1,1,1-Trichloroethane	5.2	U
110-82-7	Cyclohexane	5.2	U
56-23-5	Carbon Tetrachloride	5.2	U
71-43-2	Benzene	5.2	U
107-06-2	1,2-Dichloroethane	5.2	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-23(10-11.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-14

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI016940.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 5

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	5.2	U
108-87-2	Methylcyclohexane	5.2	U
78-87-5	1,2-Dichloropropane	5.2	U
75-27-4	Bromodichloromethane	5.2	U
10061-01-5	cis-1,3-Dichloropropene	5.2	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.2	U
10061-02-6	trans-1,3-Dichloropropene	5.2	U
79-00-5	1,1,2-Trichloroethane	5.2	U
127-18-4	Tetrachloroethene	5.2	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.2	U
106-93-4	1,2-Dibromoethane	5.2	U
108-90-7	Chlorobenzene	5.2	U
100-41-4	Ethylbenzene	5.2	U
95-47-6	o-Xylene	5.2	U
179601-23-1	m, p-Xylene	5.2	U
100-42-5	Styrene	5.2	U
75-25-2	Bromoform	5.2	U
98-82-8	Isopropylbenzene	5.2	U
79-34-5	1,1,2,2-Tetrachloroethane	5.2	U
541-73-1	1,3-Dichlorobenzene	5.2	U
106-46-7	1,4-Dichlorobenzene	5.2	U
95-50-1	1,2-Dichlorobenzene	5.2	U
96-12-8	1,2-Dibromo-3-chloropropane	5.2	U
120-82-1	1,2,4-Trichlorobenzene	5.2	U
87-61-6	1,2,3-Trichlorobenzene	5.2	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-23(10-11.5)

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-14

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016940.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 5.0

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

VOCMS Group1

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-22(5-8)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1845-15

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI016941.D

Level (TRACE/LOW/MED): LOW Date Received: 03/05/2008

% Moisture: not dec. 15 Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.9	U
74-87-3	Chloromethane	5.9	U
75-01-4	Vinyl Chloride	5.9	U
74-83-9	Bromomethane	5.9	U
75-00-3	Chloroethane	5.9	U
75-69-4	Trichlorofluoromethane	5.9	U
75-35-4	1,1-Dichloroethene	5.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	5.9	U
79-20-9	Methyl acetate	5.9	U
75-09-2	Methylene chloride	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.9	U
1634-04-4	Methyl tert-Butyl ether	5.9	U
75-34-3	1,1-Dichloroethane	5.9	U
156-59-2	cis-1,2-Dichloroethene	190	E
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	5.9	U
67-66-3	Chloroform	5.9	U
71-55-6	1,1,1-Trichloroethane	5.9	U
110-82-7	Cyclohexane	5.9	U
56-23-5	Carbon Tetrachloride	5.9	U
71-43-2	Benzene	5.9	U
107-06-2	1,2-Dichloroethane	5.9	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-22(5-8)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-15

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016941.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 15

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	40	
108-87-2	Methylcyclohexane	5.9	U
78-87-5	1,2-Dichloropropane	5.9	U
75-27-4	Bromodichloromethane	5.9	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	5.9	U
10061-02-6	trans-1,3-Dichloropropene	5.9	U
79-00-5	1,1,2-Trichloroethane	5.9	U
127-18-4	Tetrachloroethene	5.9	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	5.9	U
106-93-4	1,2-Dibromoethane	5.9	U
108-90-7	Chlorobenzene	5.9	U
100-41-4	Ethylbenzene	5.9	U
95-47-6	o-Xylene	5.9	U
179601-23-1	m, p-Xylene	5.9	U
100-42-5	Styrene	5.9	U
75-25-2	Bromoform	5.9	U
98-82-8	Isopropylbenzene	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U
541-73-1	1,3-Dichlorobenzene	5.9	U
106-46-7	1,4-Dichlorobenzene	5.9	U
95-50-1	1,2-Dichlorobenzene	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	5.9	U
120-82-1	1,2,4-Trichlorobenzene	5.9	U
87-61-6	1,2,3-Trichlorobenzene	5.9	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-22(5-8)

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-15

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016941.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 15

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-22(10-10.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-16

Sample wt/vol: 5.03 (g/mL) g

Lab File ID: VI016942.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 7

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.3	U
74-87-3	Chloromethane	5.3	U
75-01-4	Vinyl Chloride	5.3	U
74-83-9	Bromomethane	5.3	U
75-00-3	Chloroethane	5.3	U
75-69-4	Trichlorofluoromethane	5.3	U
75-35-4	1,1-Dichloroethene	5.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.3	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.3	U
79-20-9	Methyl acetate	5.3	U
75-09-2	Methylene chloride	5.3	U
156-60-5	trans-1,2-Dichloroethene	5.6	
1634-04-4	Methyl tert-Butyl ether	5.3	U
75-34-3	1,1-Dichloroethane	5.3	U
156-59-2	cis-1,2-Dichloroethene	1400	E
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.3	U
67-66-3	Chloroform	5.3	U
71-55-6	1,1,1-Trichloroethane	5.3	U
110-82-7	Cyclohexane	5.3	U
56-23-5	Carbon Tetrachloride	5.3	U
71-43-2	Benzene	18	
107-06-2	1,2-Dichloroethane	5.3	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-22(10-10.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-16

Sample wt/vol: 5.03 (g/mL) g

Lab File ID: VI016942.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 7

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	14000	E
108-87-2	Methylcyclohexane	5.3	U
78-87-5	1,2-Dichloropropane	5.3	U
75-27-4	Bromodichloromethane	5.3	U
10061-01-5	cis-1,3-Dichloropropene	5.3	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	8.6	
10061-02-6	trans-1,3-Dichloropropene	5.3	U
79-00-5	1,1,2-Trichloroethane	5.3	U
127-18-4	Tetrachloroethene	5.3	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.3	U
106-93-4	1,2-Dibromoethane	5.3	U
108-90-7	Chlorobenzene	5.3	U
100-41-4	Ethylbenzene	5.3	U
95-47-6	o-Xylene	5.3	U
179601-23-1	m, p-Xylene	5.3	U
100-42-5	Styrene	5.3	U
75-25-2	Bromoform	5.3	U
98-82-8	Isopropylbenzene	5.3	U
79-34-5	1,1,2,2-Tetrachloroethane	5.3	U
541-73-1	1,3-Dichlorobenzene	5.3	U
106-46-7	1,4-Dichlorobenzene	5.3	U
95-50-1	1,2-Dichlorobenzene	5.3	U
96-12-8	1,2-Dibromo-3-chloropropane	5.3	U
120-82-1	1,2,4-Trichlorobenzene	5.3	U
87-61-6	1,2,3-Trichlorobenzene	5.3	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-22(10-10.5)

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-16

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016942.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 7.0

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

VOCMS Group1

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-22(10-10.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-16DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007816.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 7

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	290	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	290	U
74-83-9	Bromomethane	290	U
75-00-3	Chloroethane	290	U
75-69-4	Trichlorofluoromethane	290	U
75-35-4	1,1-Dichloroethene	290	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon disulfide	290	U
79-20-9	Methyl acetate	290	U
75-09-2	Methylene chloride	290	U
156-60-5	trans-1,2-Dichloroethene	290	U
1634-04-4	Methyl tert-Butyl ether	290	U
75-34-3	1,1-Dichloroethane	290	U
156-59-2	cis-1,2-Dichloroethene	5000	D
78-93-3	2-Butanone	580	U
74-97-5	Bromochloromethane	290	U
67-66-3	Chloroform	290	U
71-55-6	1,1,1-Trichloroethane	290	U
110-82-7	Cyclohexane	290	U
56-23-5	Carbon Tetrachloride	290	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	290	U
123-91-1	1,4-Dioxane	5800	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-22(10-10.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-16DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007816.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 7

Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	84000	ED
108-87-2	Methylcyclohexane	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	290	U
79-00-5	1,1,2-Trichloroethane	290	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
124-48-1	Dibromochloromethane	290	U
106-93-4	1,2-Dibromoethane	290	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	290	U
95-47-6	o-Xylene	290	U
179601-23-1	m, p-Xylene	290	U
100-42-5	Styrene	290	U
75-25-2	Bromoform	290	U
98-82-8	Isopropylbenzene	290	U
79-34-5	1,1,2,2-Tetrachloroethane	290	U
541-73-1	1,3-Dichlorobenzene	290	U
106-46-7	1,4-Dichlorobenzene	290	U
95-50-1	1,2-Dichlorobenzene	290	U
96-12-8	1,2-Dibromo-3-chloropropane	290	U
120-82-1	1,2,4-Trichlorobenzene	290	U
87-61-6	1,2,3-Trichlorobenzene	290	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-22(10-10.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1845-16DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007816.D

Level: (TRACE or LOW/MED) MED Date Received: 03/05/2008

% Moisture: not dec. 7.0 Date Analyzed: 03/19/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-22(10-10.5)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-16DL2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007833.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 7

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 100.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	29000	U
74-87-3	Chloromethane	29000	U
75-01-4	Vinyl Chloride	29000	U
74-83-9	Bromomethane	29000	U
75-00-3	Chloroethane	29000	U
75-69-4	Trichlorofluoromethane	29000	U
75-35-4	1,1-Dichloroethene	29000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	29000	U
67-64-1	Acetone	58000	U
75-15-0	Carbon disulfide	29000	U
79-20-9	Methyl acetate	29000	U
75-09-2	Methylene chloride	29000	U
156-60-5	trans-1,2-Dichloroethene	29000	U
1634-04-4	Methyl tert-Butyl ether	29000	U
75-34-3	1,1-Dichloroethane	29000	U
156-59-2	cis-1,2-Dichloroethene	29000	D
78-93-3	2-Butanone	58000	U
74-97-5	Bromochloromethane	29000	U
67-66-3	Chloroform	29000	U
71-55-6	1,1,1-Trichloroethane	29000	U
110-82-7	Cyclohexane	29000	U
56-23-5	Carbon Tetrachloride	29000	U
71-43-2	Benzene	29000	U
107-06-2	1,2-Dichloroethane	29000	U
123-91-1	1,4-Dioxane	580000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-22(10-10.5)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-16DL2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VE007833.D

Level (TRACE/LOW/MED): MED

Date Received: 03/05/2008

% Moisture: not dec. 7

Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25

(mm) Dilution Factor: 100.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	720000	D
108-87-2	Methylcyclohexane	29000	U
78-87-5	1,2-Dichloropropane	29000	U
75-27-4	Bromodichloromethane	29000	U
10061-01-5	cis-1,3-Dichloropropene	29000	U
108-10-1	4-Methyl-2-pentanone	58000	U
108-88-3	Toluene	29000	U
10061-02-6	trans-1,3-Dichloropropene	29000	U
79-00-5	1,1,2-Trichloroethane	29000	U
127-18-4	Tetrachloroethene	29000	U
591-78-6	2-Hexanone	58000	U
124-48-1	Dibromochloromethane	29000	U
106-93-4	1,2-Dibromoethane	29000	U
108-90-7	Chlorobenzene	29000	U
100-41-4	Ethylbenzene	29000	U
95-47-6	o-Xylene	29000	U
179601-23-1	m, p-Xylene	29000	U
100-42-5	Styrene	29000	U
75-25-2	Bromoform	29000	U
98-82-8	Isopropylbenzene	29000	U
79-34-5	1,1,2,2-Tetrachloroethane	29000	U
541-73-1	1,3-Dichlorobenzene	29000	U
106-46-7	1,4-Dichlorobenzene	29000	U
95-50-1	1,2-Dichlorobenzene	29000	U
96-12-8	1,2-Dibromo-3-chloropropane	29000	U
120-82-1	1,2,4-Trichlorobenzene	29000	U
87-61-6	1,2,3-Trichlorobenzene	29000	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-22(10-10.5)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z1845-16DL2

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VE007833.D

Level: (TRACE or LOW/MED) MED Date Received: 03/05/2008

% Moisture: not dec. 7.0 Date Analyzed: 03/20/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 100.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-22(13-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-17

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016943.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 8

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	570	E
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl Chloride	5.4	U
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	5.4	U
75-35-4	1,1-Dichloroethene	5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U
67-64-1	Acetone	21	
75-15-0	Carbon disulfide	5.4	U
79-20-9	Methyl acetate	5.4	U
75-09-2	Methylene chloride	21	
156-60-5	trans-1,2-Dichloroethene	5.4	U
1634-04-4	Methyl tert-Butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	5.4	U
156-59-2	cis-1,2-Dichloroethene	16	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	5.4	U
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon Tetrachloride	5.4	U
71-43-2	Benzene	69	
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-22(13-14)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-17

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI016943.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 8

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	170	E
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	14	
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	5.4	U
95-47-6	o-Xylene	5.4	U
179601-23-1	m, p-Xylene	5.4	U
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-22(13-14)

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-17

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g

Lab File ID: VI016943.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 8.0

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-22(13-14)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-17DL

Sample wt/vol: 1.00 (g/mL) g

Lab File ID: VI016958.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 8

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	200	D
74-87-3	Chloromethane	27	U
75-01-4	Vinyl Chloride	27	U
74-83-9	Bromomethane	27	U
75-00-3	Chloroethane	27	U
75-69-4	Trichlorofluoromethane	27	U
75-35-4	1,1-Dichloroethene	27	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	27	U
67-64-1	Acetone	54	U
75-15-0	Carbon disulfide	27	U
79-20-9	Methyl acetate	27	U
75-09-2	Methylene chloride	27	U
156-60-5	trans-1,2-Dichloroethene	27	U
1634-04-4	Methyl tert-Butyl ether	27	U
75-34-3	1,1-Dichloroethane	27	U
156-59-2	cis-1,2-Dichloroethene	27	U
78-93-3	2-Butanone	54	U
74-97-5	Bromochloromethane	27	U
67-66-3	Chloroform	27	U
71-55-6	1,1,1-Trichloroethane	27	U
110-82-7	Cyclohexane	27	U
56-23-5	Carbon Tetrachloride	27	U
71-43-2	Benzene	47	D
107-06-2	1,2-Dichloroethane	27	U
123-91-1	1,4-Dioxane	540	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-22(13-14)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-17DL

Sample wt/vol: 1.00 (g/mL) g

Lab File ID: VI016958.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 8

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	130	D
108-87-2	Methylcyclohexane	27	U
78-87-5	1,2-Dichloropropane	27	U
75-27-4	Bromodichloromethane	27	U
10061-01-5	cis-1,3-Dichloropropene	27	U
108-10-1	4-Methyl-2-pentanone	54	U
108-88-3	Toluene	27	U
10061-02-6	trans-1,3-Dichloropropene	27	U
79-00-5	1,1,2-Trichloroethane	27	U
127-18-4	Tetrachloroethene	27	U
591-78-6	2-Hexanone	54	U
124-48-1	Dibromochloromethane	27	U
106-93-4	1,2-Dibromoethane	27	U
108-90-7	Chlorobenzene	27	U
100-41-4	Ethylbenzene	27	U
95-47-6	o-Xylene	27	U
179601-23-1	m, p-Xylene	27	U
100-42-5	Styrene	27	U
75-25-2	Bromoform	27	U
98-82-8	Isopropylbenzene	27	U
79-34-5	1,1,2,2-Tetrachloroethane	27	U
541-73-1	1,3-Dichlorobenzene	27	U
106-46-7	1,4-Dichlorobenzene	27	U
95-50-1	1,2-Dichlorobenzene	27	U
96-12-8	1,2-Dibromo-3-chloropropane	27	U
120-82-1	1,2,4-Trichlorobenzene	27	U
87-61-6	1,2,3-Trichlorobenzene	27	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-22(13-14)DL

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL

Lab Sample ID: Z1845-17DL

(SOIL/SED/WATER)
Sample wt/vol: 1.0 (g/mL) g

Lab File ID: VI016958.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec. 8.0

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-4

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z1845-18

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI016944.D

Level (TRACE/LOW/MED): LOW Date Received: 03/05/2008

% Moisture: not dec. 14 Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.8	U
74-87-3	Chloromethane	5.8	U
75-01-4	Vinyl Chloride	5.8	U
74-83-9	Bromomethane	5.8	U
75-00-3	Chloroethane	5.8	U
75-69-4	Trichlorofluoromethane	5.8	U
75-35-4	1,1-Dichloroethene	5.8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	5.8	U
79-20-9	Methyl acetate	5.8	U
75-09-2	Methylene chloride	5.8	U
156-60-5	trans-1,2-Dichloroethene	5.8	U
1634-04-4	Methyl tert-Butyl ether	5.8	U
75-34-3	1,1-Dichloroethane	5.8	U
156-59-2	cis-1,2-Dichloroethene	14	
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	5.8	U
67-66-3	Chloroform	5.8	U
71-55-6	1,1,1-Trichloroethane	5.8	U
110-82-7	Cyclohexane	5.8	U
56-23-5	Carbon Tetrachloride	5.8	U
71-43-2	Benzene	5.8	U
107-06-2	1,2-Dichloroethane	5.8	U
123-91-1	1,4-Dioxane	120	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-4

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z1845-18

Sample wt/vol: 5.01 (g/mL) g

Lab File ID: VI016944.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec. 14

Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	5.8	U
108-87-2	Methylcyclohexane	5.8	U
78-87-5	1,2-Dichloropropane	5.8	U
75-27-4	Bromodichloromethane	5.8	U
10061-01-5	cis-1,3-Dichloropropene	5.8	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	5.8	U
10061-02-6	trans-1,3-Dichloropropene	5.8	U
79-00-5	1,1,2-Trichloroethane	5.8	U
127-18-4	Tetrachloroethene	5.8	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	5.8	U
106-93-4	1,2-Dibromoethane	5.8	U
108-90-7	Chlorobenzene	5.8	U
100-41-4	Ethylbenzene	5.8	U
95-47-6	o-Xylene	5.8	U
179601-23-1	m, p-Xylene	5.8	U
100-42-5	Styrene	5.8	U
75-25-2	Bromoform	5.8	U
98-82-8	Isopropylbenzene	5.8	U
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U
541-73-1	1,3-Dichlorobenzene	5.8	U
106-46-7	1,4-Dichlorobenzene	5.8	U
95-50-1	1,2-Dichlorobenzene	5.8	U
96-12-8	1,2-Dibromo-3-chloropropane	5.8	U
120-82-1	1,2,4-Trichlorobenzene	5.8	U
87-61-6	1,2,3-Trichlorobenzene	5.8	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP-4

Lab Name Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: SOIL Lab Sample ID: Z1845-18
(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) g Lab File ID: VI016944.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/05/2008

% Moisture: not dec. 14 Date Analyzed: 03/14/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-3-4-08

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): WATER Lab Sample ID: Z1845-19

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: VI016988.D

Level (TRACE/LOW/MED): LOW Date Received: 03/05/2008

% Moisture: not dec. Date Analyzed: 03/17/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/L
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-Butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-3-4-08

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845

Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix (SOIL/SED/WATER): WATER

Lab Sample ID: Z1845-19

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: VI016988.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/05/2008

% Moisture: not dec.

Date Analyzed: 03/17/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m, p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB-3-4-08

Lab Name Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z1845 Mod. Ref No.: Z1845 SDG No.: Z1845-01

Matrix: WATER

Lab Sample ID: Z1845-19

(SOIL/SED/WATER)
Sample wt/vol: 5.0 (g/mL) mL

Lab File ID: VI016988.D

Level: (TRACE or LOW/MED) LOW

Date Received: 03/05/2008

% Moisture: not dec.

Date Analyzed: 03/17/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
0.					
	1E966796	Total Alkanes	N/A		

1EPA-designated Registry Number

Summary Sheet
SW-846

SDG No.:	Z1845-01			Order ID:	Z1845			
Client:	Earth Tech, Inc.			Project ID:	EART04			
Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	DUP-4							
Z1845-18	DUP-4	SOIL	cis-1,2-Dichloroethene	14		5.8	5.8	ug/Kg
			Total VOC's:	14.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	14.00				
Client ID:	ETB-22(10-10.5)							
Z1845-16	ETB-22(10-10.5)	SOIL	trans-1,2-Dichloroethene	5.6		5.3	5.3	ug/Kg
Z1845-16	ETB-22(10-10.5)	SOIL	cis-1,2-Dichloroethene	1400	E	5.3	5.3	ug/Kg
Z1845-16	ETB-22(10-10.5)	SOIL	Benzene	18		5.3	5.3	ug/Kg
Z1845-16	ETB-22(10-10.5)	SOIL	Trichloroethene	14000	E	5.3	5.3	ug/Kg
Z1845-16	ETB-22(10-10.5)	SOIL	Toluene	8.6		5.3	5.3	ug/Kg
			Total VOC's:	15432.20				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	15432.20				
Client ID:	ETB-22(13-14)							
Z1845-17	ETB-22(13-14)	SOIL	Dichlorodifluoromethane	570	E	5.4	5.4	ug/Kg
Z1845-17	ETB-22(13-14)	SOIL	Acetone	21		11	11	ug/Kg
Z1845-17	ETB-22(13-14)	SOIL	Methylene chloride	21		5.4	5.4	ug/Kg
Z1845-17	ETB-22(13-14)	SOIL	cis-1,2-Dichloroethene	16		5.4	5.4	ug/Kg
Z1845-17	ETB-22(13-14)	SOIL	Benzene	69		5.4	5.4	ug/Kg
Z1845-17	ETB-22(13-14)	SOIL	Trichloroethene	170	E	5.4	5.4	ug/Kg
Z1845-17	ETB-22(13-14)	SOIL	Toluene	14		5.4	5.4	ug/Kg
			Total VOC's:	881.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	881.00				
Client ID:	ETB-22(13-14)DL							
Z1845-17DL	ETB-22(13-14)DL	SOIL	Dichlorodifluoromethane	200	D	27	27	ug/Kg
Z1845-17DL	ETB-22(13-14)DL	SOIL	Benzene	47	D	27	27	ug/Kg
Z1845-17DL	ETB-22(13-14)DL	SOIL	Trichloroethene	130	D	27	27	ug/Kg
			Total VOC's:	377.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	377.00				
Client ID:	ETB-22(5-8)							
Z1845-15	ETB-22(5-8)	SOIL	cis-1,2-Dichloroethene	190	E	5.9	5.9	ug/Kg
Z1845-15	ETB-22(5-8)	SOIL	Trichloroethene	40		5.9	5.9	ug/Kg
			Total VOC's:	230.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	230.00				

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

Summary Sheet
SW-846

SDG No.: Z1845-01
Client: Earth Tech, Inc.

Order ID: Z1845
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-23(5-6)							
Z1845-13	ETB-23(5-6)	SOIL	Dichlorodifluoromethane	170	E	6.2	6.2	ug/Kg
Z1845-13	ETB-23(5-6)	SOIL	Methylene chloride	20		6.2	6.2	ug/Kg
Z1845-13	ETB-23(5-6)	SOIL	cis-1,2-Dichloroethene	32		6.2	6.2	ug/Kg
Z1845-13	ETB-23(5-6)	SOIL	Benzene	64		6.2	6.2	ug/Kg
Z1845-13	ETB-23(5-6)	SOIL	Trichloroethene	340	E	6.2	6.2	ug/Kg
Z1845-13	ETB-23(5-6)	SOIL	Toluene	18		6.2	6.2	ug/Kg
Z1845-13	ETB-23(5-6)	SOIL	Ethylbenzene	9.7		6.2	6.2	ug/Kg
Z1845-13	ETB-23(5-6)	SOIL	m,p-Xylene	7.3		6.2	6.2	ug/Kg
Total VOC's:				661.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				661.00				
Client ID:	ETB-23(5-6)DL							
Z1845-13DL	ETB-23(5-6)DL	SOIL	Dichlorodifluoromethane	99	D	31	31	ug/Kg
Z1845-13DL	ETB-23(5-6)DL	SOIL	cis-1,2-Dichloroethene	33	D	31	31	ug/Kg
Z1845-13DL	ETB-23(5-6)DL	SOIL	Benzene	40	D	31	31	ug/Kg
Z1845-13DL	ETB-23(5-6)DL	SOIL	Trichloroethene	290	D	31	31	ug/Kg
Total VOC's:				462.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				462.00				
Client ID:	ETB-24(1-3)							
Z1845-11	ETB-24(1-3)	SOIL	Methylene chloride	11		5.6	5.6	ug/Kg
Z1845-11	ETB-24(1-3)	SOIL	cis-1,2-Dichloroethene	75		5.6	5.6	ug/Kg
Z1845-11	ETB-24(1-3)	SOIL	Chloroform	7.0		5.6	5.6	ug/Kg
Z1845-11	ETB-24(1-3)	SOIL	1,1,1-Trichloroethane	15		5.6	5.6	ug/Kg
Z1845-11	ETB-24(1-3)	SOIL	Benzene	31		5.6	5.6	ug/Kg
Z1845-11	ETB-24(1-3)	SOIL	Trichloroethene	420	E	5.6	5.6	ug/Kg
Z1845-11	ETB-24(1-3)	SOIL	Toluene	25		5.6	5.6	ug/Kg
Z1845-11	ETB-24(1-3)	SOIL	Ethylbenzene	25		5.6	5.6	ug/Kg
Z1845-11	ETB-24(1-3)	SOIL	o-Xylene	14		5.6	5.6	ug/Kg
Z1845-11	ETB-24(1-3)	SOIL	m,p-Xylene	27		5.6	5.6	ug/Kg
Z1845-11	ETB-24(1-3)	SOIL	unknown13.62	* 38	J	0	0	ug/Kg
Z1845-11	ETB-24(1-3)	SOIL	unknown14.29	* 42	J	0	0	ug/Kg
Total VOC's:				650.00				
Total TIC's:				80.00				
Total VOC's and TIC's:				730.00				

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

Summary Sheet
SW-846

SDG No.: Z1845-01
Client: Earth Tech, Inc.

Order ID: Z1845
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-24(6-7.5)							
Z1845-12	ETB-24(6-7.5)	SOIL	cis-1,2-Dichloroethene	16		5.9	5.9	ug/Kg
Z1845-12	ETB-24(6-7.5)	SOIL	Trichloroethene	9.8		5.9	5.9	ug/Kg
Z1845-12	ETB-24(6-7.5)	SOIL	unknown8.16	* 14	J	0	0	ug/Kg
Total VOC's:				25.80				
Total TIC's:				14.00				
Total VOC's and TIC's:				39.80				
Client ID:	ETB-25(10-11.5)							
Z1845-09	ETB-25(10-11.5)	SOIL	1,1-Dichloroethane	12		5.6	5.6	ug/Kg
Z1845-09	ETB-25(10-11.5)	SOIL	cis-1,2-Dichloroethene	920	E	5.6	5.6	ug/Kg
Z1845-09	ETB-25(10-11.5)	SOIL	Trichloroethene	3900	E	5.6	5.6	ug/Kg
Total VOC's:				4832.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				4832.00				
Client ID:	ETB-25(11.5-13)							
Z1845-10	ETB-25(11.5-13)	SOIL	Dichlorodifluoromethane	650	E	5.4	5.4	ug/Kg
Z1845-10	ETB-25(11.5-13)	SOIL	Trichlorofluoromethane	6.0		5.4	5.4	ug/Kg
Z1845-10	ETB-25(11.5-13)	SOIL	Acetone	24		11	11	ug/Kg
Z1845-10	ETB-25(11.5-13)	SOIL	Carbon disulfide	12		5.4	5.4	ug/Kg
Z1845-10	ETB-25(11.5-13)	SOIL	Methylene chloride	31		5.4	5.4	ug/Kg
Z1845-10	ETB-25(11.5-13)	SOIL	cis-1,2-Dichloroethene	250	E	5.4	5.4	ug/Kg
Z1845-10	ETB-25(11.5-13)	SOIL	1,1,1-Trichloroethane	5.8		5.4	5.4	ug/Kg
Z1845-10	ETB-25(11.5-13)	SOIL	Benzene	58		5.4	5.4	ug/Kg
Z1845-10	ETB-25(11.5-13)	SOIL	Trichloroethene	1300	E	5.4	5.4	ug/Kg
Z1845-10	ETB-25(11.5-13)	SOIL	Toluene	7.1		5.4	5.4	ug/Kg
Total VOC's:				2343.90				
Total TIC's:				0.00				
Total VOC's and TIC's:				2343.90				
Client ID:	ETB-25(1-2.5)							
Z1845-06	ETB-25(1-2.5)	SOIL	trans-1,2-Dichloroethene	7.7		5.8	5.8	ug/Kg
Z1845-06	ETB-25(1-2.5)	SOIL	cis-1,2-Dichloroethene	400	E	5.8	5.8	ug/Kg
Z1845-06	ETB-25(1-2.5)	SOIL	1,1,1-Trichloroethane	51		5.8	5.8	ug/Kg
Z1845-06	ETB-25(1-2.5)	SOIL	Benzene	5.8		5.8	5.8	ug/Kg
Z1845-06	ETB-25(1-2.5)	SOIL	Trichloroethene	5000	E	5.8	5.8	ug/Kg
Z1845-06	ETB-25(1-2.5)	SOIL	Tetrachloroethene	18		5.8	5.8	ug/Kg
Total VOC's:				5482.50				
Total TIC's:				0.00				
Total VOC's and TIC's:				5482.50				

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

Summary Sheet
SW-846

SDG No.: Z1845-01
Client: Earth Tech, Inc.

Order ID: Z1845
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-26(0.5-2)							
Z1845-01	ETB-26(0.5-2)	SOIL	cis-1,2-Dichloroethene	810		150	150	ug/Kg
Z1845-01	ETB-26(0.5-2)	SOIL	Trichloroethene	1100		150	150	ug/Kg
			Total VOC's:	1910.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	1910.00				
Client ID:	ETB-26(10-11)							
Z1845-02	ETB-26(10-11)	SOIL	Methylene chloride	5.9		5.6	5.6	ug/Kg
Z1845-02	ETB-26(10-11)	SOIL	cis-1,2-Dichloroethene	11		5.6	5.6	ug/Kg
Z1845-02	ETB-26(10-11)	SOIL	Benzene	13		5.6	5.6	ug/Kg
Z1845-02	ETB-26(10-11)	SOIL	Trichloroethene	40		5.6	5.6	ug/Kg
Z1845-02	ETB-26(10-11)	SOIL	Toluene	9.9		5.6	5.6	ug/Kg
Z1845-02	ETB-26(10-11)	SOIL	Ethylbenzene	10		5.6	5.6	ug/Kg
Z1845-02	ETB-26(10-11)	SOIL	o-Xylene	6.0		5.6	5.6	ug/Kg
Z1845-02	ETB-26(10-11)	SOIL	m,p-Xylene	11		5.6	5.6	ug/Kg
Z1845-02	ETB-26(10-11)	SOIL	unknown6.32	* 7.2	J	0	0	ug/Kg
Z1845-02	ETB-26(10-11)	SOIL	unknown8.15	* 13	J	0	0	ug/Kg
			Total VOC's:	106.80				
			Total TIC's:	20.20				
			Total VOC's and TIC's:	127.00				
Client ID:	ETB-26(10-11)RE							
Z1845-02RE	ETB-26(10-11)RE	SOIL	Acetone	13		11	11	ug/Kg
Z1845-02RE	ETB-26(10-11)RE	SOIL	cis-1,2-Dichloroethene	8.0		5.6	5.6	ug/Kg
Z1845-02RE	ETB-26(10-11)RE	SOIL	Benzene	12		5.6	5.6	ug/Kg
Z1845-02RE	ETB-26(10-11)RE	SOIL	Trichloroethene	27		5.6	5.6	ug/Kg
Z1845-02RE	ETB-26(10-11)RE	SOIL	Toluene	6.5		5.6	5.6	ug/Kg
			Total VOC's:	66.50				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	66.50				

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

Summary Sheet
SW-846

SDG No.: Z1845-01
Client: Earth Tech, Inc.

Order ID: Z1845
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-26(16-17)							
Z1845-05	ETB-26(16-17)	SOIL	Dichlorodifluoromethane	540	E	5.4	5.4	ug/Kg
Z1845-05	ETB-26(16-17)	SOIL	Trichlorofluoromethane	6.8		5.4	5.4	ug/Kg
Z1845-05	ETB-26(16-17)	SOIL	Acetone	28		11	11	ug/Kg
Z1845-05	ETB-26(16-17)	SOIL	Carbon disulfide	7.5		5.4	5.4	ug/Kg
Z1845-05	ETB-26(16-17)	SOIL	Methyl acetate	8.0		5.4	5.4	ug/Kg
Z1845-05	ETB-26(16-17)	SOIL	Methylene chloride	32		5.4	5.4	ug/Kg
Z1845-05	ETB-26(16-17)	SOIL	cis-1,2-Dichloroethene	14		5.4	5.4	ug/Kg
Z1845-05	ETB-26(16-17)	SOIL	Benzene	72		5.4	5.4	ug/Kg
Z1845-05	ETB-26(16-17)	SOIL	Trichloroethene	58		5.4	5.4	ug/Kg
Z1845-05	ETB-26(16-17)	SOIL	Toluene	6.6		5.4	5.4	ug/Kg
Total VOC's:				772.90				
Total TIC's:				0.00				
Total VOC's and TIC's:				772.90				
Client ID:	ETB-26(16-17)DL							
Z1845-05DL	ETB-26(16-17)DL	SOIL	Dichlorodifluoromethane	420	D	26	26	ug/Kg
Z1845-05DL	ETB-26(16-17)DL	SOIL	Benzene	37	D	26	26	ug/Kg
Z1845-05DL	ETB-26(16-17)DL	SOIL	Trichloroethene	76	D	26	26	ug/Kg
Total VOC's:				533.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				533.00				

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

Summary Sheet
SW-846

SDG No.: Z1845-01
Client: Earth Tech, Inc.

Order ID: Z1845
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-22(10-10.5)DL							
Z1845-16DL	ETB-22(10-10.5)DL	SOIL	cis-1,2-Dichloroethene	5000	D	290	57.5	ug/Kg
Z1845-16DL	ETB-22(10-10.5)DL	SOIL	Trichloroethene	84000	ED	290	57.5	ug/Kg
Total VOC's:				89000.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				89000.00				
Client ID:	ETB-22(10-10.5)DL2							
Z1845-16DL2	ETB-22(10-10.5)DL2	SOIL	cis-1,2-Dichloroethene	29000	D	29000	5750	ug/Kg
Z1845-16DL2	ETB-22(10-10.5)DL2	SOIL	Trichloroethene	720000	D	29000	5750	ug/Kg
Total VOC's:				749000.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				749000.00				
Client ID:	ETB-24(1-3)DL							
Z1845-11DL	ETB-24(1-3)DL	SOIL	Trichloroethene	1200	D	310	61.1	ug/Kg
Total VOC's:				1200.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				1200.00				
Client ID:	ETB-25(10-11.5)							
Z1845-09DL	ETB-25(10-11.5)	SOIL	Acetone	160	JD	620	62.4	ug/Kg
Z1845-09DL	ETB-25(10-11.5)	SOIL	cis-1,2-Dichloroethene	4500	D	310	62.4	ug/Kg
Z1845-09DL	ETB-25(10-11.5)	SOIL	Trichloroethene	83000	ED	310	62.4	ug/Kg
Total VOC's:				87660.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				87660.00				
Client ID:	ETB-25(10-11.5)DL2							
Z1845-09DL2	ETB-25(10-11.5)DL2	SOIL	1,4-Dioxane	19000	JD	620000	6240	ug/Kg
Z1845-09DL2	ETB-25(10-11.5)DL2	SOIL	Trichloroethene	140000	D	31000	6240	ug/Kg
Total VOC's:				159000.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				159000.00				
Client ID:	ETB-25(11.5-13)DL							
Z1845-10DL	ETB-25(11.5-13)DL	SOIL	Dichlorodifluoromethane	180	JD	290	58.7	ug/Kg
Z1845-10DL	ETB-25(11.5-13)DL	SOIL	cis-1,2-Dichloroethene	260	JD	290	58.7	ug/Kg
Z1845-10DL	ETB-25(11.5-13)DL	SOIL	Trichloroethene	2300	D	290	58.7	ug/Kg
Total VOC's:				2740.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				2740.00				

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

Summary Sheet
SW-846

SDG No.: Z1845-01
Client: Earth Tech, Inc.

Order ID: Z1845
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-25(1-2.5)DL							
Z1845-06DL	ETB-25(1-2.5)DL	SOIL	Dichlorodifluoromethane	280	JD	330	66.3	ug/Kg
Z1845-06DL	ETB-25(1-2.5)DL	SOIL	Acetone	170	JD	660	66.3	ug/Kg
Z1845-06DL	ETB-25(1-2.5)DL	SOIL	cis-1,2-Dichloroethene	2500	D	330	66.3	ug/Kg
Z1845-06DL	ETB-25(1-2.5)DL	SOIL	1,1,1-Trichloroethane	810	D	330	66.3	ug/Kg
Z1845-06DL	ETB-25(1-2.5)DL	SOIL	Trichloroethene	52000	ED	330	66.3	ug/Kg
Z1845-06DL	ETB-25(1-2.5)DL	SOIL	Tetrachloroethene	310	JD	330	66.3	ug/Kg
Total VOC's:				56070.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				56070.00				
Client ID:	ETB-25(1-2.5)DL2							
Z1845-06DL2	ETB-25(1-2.5)DL2	SOIL	Trichloroethene	80000	D	33000	6630	ug/Kg
Total VOC's:				80000.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				80000.00				

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

**ANALYTICAL RESULTS
SUMMARY**

PROJECT NAME: NYSDEC North East Alloys

**EARTH TECH, INC.
40 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
5189512200**

**CHEMTECH PROJECT NO.
ATTENTION:**

**Z2067
Caroline Benedict**

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(1-2.5)

Lab Name: Chemtech Contract: EART04

Lab Code: CHEM Case No.: Z2067 Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL Lab Sample ID: Z2067-01

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI017574.D

Level (TRACE/LOW/MED): LOW Date Received: 03/21/2008

% Moisture: not dec. 13 Date Analyzed: 03/31/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.7	U
74-87-3	Chloromethane	5.7	U
75-01-4	Vinyl Chloride	5.7	U
74-83-9	Bromomethane	5.7	U
75-00-3	Chloroethane	5.7	U
75-69-4	Trichlorofluoromethane	5.7	U
75-35-4	1,1-Dichloroethene	5.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.7	U
79-20-9	Methyl acetate	5.7	U
75-09-2	Methylene chloride	5.7	U
156-60-5	trans-1,2-Dichloroethene	5.7	U
1634-04-4	Methyl tert-Butyl ether	5.7	U
75-34-3	1,1-Dichloroethane	5.7	U
156-59-2	cis-1,2-Dichloroethene	20	
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.7	U
67-66-3	Chloroform	5.7	U
71-55-6	1,1,1-Trichloroethane	9.7	
110-82-7	Cyclohexane	5.7	U
56-23-5	Carbon Tetrachloride	5.7	U
71-43-2	Benzene	13	
107-06-2	1,2-Dichloroethane	5.7	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(1-2.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067

Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z2067-01

Sample wt/vol: 5.02 (g/mL) g

Lab File ID: VI017574.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/21/2008

% Moisture: not dec. 13

Date Analyzed: 03/31/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	1000	E
108-87-2	Methylcyclohexane	5.7	U
78-87-5	1,2-Dichloropropane	5.7	U
75-27-4	Bromodichloromethane	5.7	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	29	
10061-02-6	trans-1,3-Dichloropropene	5.7	U
79-00-5	1,1,2-Trichloroethane	5.7	U
127-18-4	Tetrachloroethene	5.7	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.7	U
106-93-4	1,2-Dibromoethane	5.7	U
108-90-7	Chlorobenzene	5.7	U
100-41-4	Ethylbenzene	57	
95-47-6	o-Xylene	32	
179601-23-1	m, p-Xylene	67	
100-42-5	Styrene	5.7	U
75-25-2	Bromoform	5.7	U
98-82-8	Isopropylbenzene	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U
541-73-1	1,3-Dichlorobenzene	5.7	U
106-46-7	1,4-Dichlorobenzene	5.7	U
95-50-1	1,2-Dichlorobenzene	5.7	U
96-12-8	1,2-Dibromo-3-chloropropane	5.7	U
120-82-1	1,2,4-Trichlorobenzene	5.7	U
87-61-6	1,2,3-Trichlorobenzene	5.7	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-21(1-2.5)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067 Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z2067-01

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI017574.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/21/2008

% Moisture: not dec. 13 Date Analyzed: 03/31/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.	000108-67-8	Benzene, 1,3,5-trimethyl-	13.55	40	JN
02.	000496-11-7	Indane	14.21	47	JN
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067

Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z2067-02

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI017575.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/21/2008

% Moisture: not dec. 11

Date Analyzed: 03/31/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	5.6	U
74-87-3	Chloromethane	5.6	U
75-01-4	Vinyl Chloride	5.6	U
74-83-9	Bromomethane	5.6	U
75-00-3	Chloroethane	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U
75-35-4	1,1-Dichloroethene	5.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U
67-64-1	Acetone	11	U
75-15-0	Carbon disulfide	5.6	U
79-20-9	Methyl acetate	5.6	U
75-09-2	Methylene chloride	5.6	U
156-60-5	trans-1,2-Dichloroethene	15	
1634-04-4	Methyl tert-Butyl ether	5.6	U
75-34-3	1,1-Dichloroethane	5.6	U
156-59-2	cis-1,2-Dichloroethene	400	E
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.6	U
67-66-3	Chloroform	5.6	U
71-55-6	1,1,1-Trichloroethane	5.6	U
110-82-7	Cyclohexane	5.6	U
56-23-5	Carbon Tetrachloride	5.6	U
71-43-2	Benzene	20	
107-06-2	1,2-Dichloroethane	5.6	U
123-91-1	1,4-Dioxane	110	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067

Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z2067-02

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI017575.D

Level (TRACE/LOW/MED): LOW

Date Received: 03/21/2008

% Moisture: not dec. 11

Date Analyzed: 03/31/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: _____

(uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	1800	E
108-87-2	Methylcyclohexane	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U
75-27-4	Bromodichloromethane	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	16	
10061-02-6	trans-1,3-Dichloropropene	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.6	U
106-93-4	1,2-Dibromoethane	5.6	U
108-90-7	Chlorobenzene	5.6	U
100-41-4	Ethylbenzene	19	
95-47-6	o-Xylene	9.5	
179601-23-1	m, p-Xylene	18	
100-42-5	Styrene	5.6	U
75-25-2	Bromoform	5.6	U
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U
87-61-6	1,2,3-Trichlorobenzene	5.6	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-19(1-3)

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067 Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z2067-02

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI017575.D

Level: (TRACE or LOW/MED) LOW Date Received: 03/21/2008

% Moisture: not dec. 11 Date Analyzed: 03/31/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 10 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.					
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
10.					
11.					
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21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
	¹ E966796	Total Alkanes	N/A		

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBK01

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067

Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: VBI0405W2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI017732.D

Level (TRACE/LOW/MED): MED

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/05/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	250	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	250	U
74-83-9	Bromomethane	250	U
75-00-3	Chloroethane	250	U
75-69-4	Trichlorofluoromethane	250	U
75-35-4	1,1-Dichloroethene	250	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon disulfide	250	U
79-20-9	Methyl acetate	250	U
75-09-2	Methylene chloride	250	U
156-60-5	trans-1,2-Dichloroethene	250	U
1634-04-4	Methyl tert-Butyl ether	250	U
75-34-3	1,1-Dichloroethane	250	U
156-59-2	cis-1,2-Dichloroethene	250	U
78-93-3	2-Butanone	500	U
74-97-5	Bromochloromethane	250	U
67-66-3	Chloroform	250	U
71-55-6	1,1,1-Trichloroethane	250	U
110-82-7	Cyclohexane	250	U
56-23-5	Carbon Tetrachloride	250	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	250	U
123-91-1	1,4-Dioxane	5000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBK01

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067

Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: VBI0405W2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI017732.D

Level (TRACE/LOW/MED): MED

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/05/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	250	U
108-87-2	Methylcyclohexane	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	250	U
79-00-5	1,1,2-Trichloroethane	250	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
124-48-1	Dibromochloromethane	250	U
106-93-4	1,2-Dibromoethane	250	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	250	U
95-47-6	o-Xylene	250	U
179601-23-1	m, p-Xylene	250	U
100-42-5	Styrene	250	U
75-25-2	Bromoform	250	U
98-82-8	Isopropylbenzene	250	U
79-34-5	1,1,2,2-Tetrachloroethane	250	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	250	U
95-50-1	1,2-Dichlorobenzene	250	U
96-12-8	1,2-Dibromo-3-chloropropane	250	U
120-82-1	1,2,4-Trichlorobenzene	250	U
87-61-6	1,2,3-Trichlorobenzene	250	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067 Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: VBI0405W2

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI017732.D

Level: (TRACE or LOW/MED) MED Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/05/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.	¹ E966796	Total Alkanes	N/A		J
02.					
03.					
04.					
05.					
06.					
07.					
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27.					
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30.					

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBK02

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067

Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: VBI0407W2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI017757.D

Level (TRACE/LOW/MED): MED

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/07/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	250	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	250	U
74-83-9	Bromomethane	250	U
75-00-3	Chloroethane	250	U
75-69-4	Trichlorofluoromethane	250	U
75-35-4	1,1-Dichloroethene	250	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon disulfide	250	U
79-20-9	Methyl acetate	250	U
75-09-2	Methylene chloride	250	U
156-60-5	trans-1,2-Dichloroethene	250	U
1634-04-4	Methyl tert-Butyl ether	250	U
75-34-3	1,1-Dichloroethane	250	U
156-59-2	cis-1,2-Dichloroethene	250	U
78-93-3	2-Butanone	500	U
74-97-5	Bromochloromethane	250	U
67-66-3	Chloroform	250	U
71-55-6	1,1,1-Trichloroethane	250	U
110-82-7	Cyclohexane	250	U
56-23-5	Carbon Tetrachloride	250	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	250	U
123-91-1	1,4-Dioxane	5000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBK02

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067

Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: VBI0407W2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI017757.D

Level (TRACE/LOW/MED): MED

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/07/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100 (uL)

Purge Volume: 5 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	250	U
108-87-2	Methylcyclohexane	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	250	U
79-00-5	1,1,2-Trichloroethane	250	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
124-48-1	Dibromochloromethane	250	U
106-93-4	1,2-Dibromoethane	250	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	250	U
95-47-6	o-Xylene	250	U
179601-23-1	m, p-Xylene	250	U
100-42-5	Styrene	250	U
75-25-2	Bromoform	250	U
98-82-8	Isopropylbenzene	250	U
79-34-5	1,1,2,2-Tetrachloroethane	250	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	250	U
95-50-1	1,2-Dichlorobenzene	250	U
96-12-8	1,2-Dibromo-3-chloropropane	250	U
120-82-1	1,2,4-Trichlorobenzene	250	U
87-61-6	1,2,3-Trichlorobenzene	250	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK02

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067 Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: VBI0407W2

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI017757.D

Level: (TRACE or LOW/MED) MED Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/07/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.	¹ E966796	Total Alkanes	N/A		J
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
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24.					
25.					
26.					
27.					
28.					
29.					
30.					

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(1-2.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067

Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z2067-01DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI017741.D

Level (TRACE/LOW/MED): MED

Date Received: 03/21/2008

% Moisture: not dec. 13

Date Analyzed: 04/05/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	320	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	320	U
74-83-9	Bromomethane	320	U
75-00-3	Chloroethane	320	U
75-69-4	Trichlorofluoromethane	320	U
75-35-4	1,1-Dichloroethene	320	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon disulfide	320	U
79-20-9	Methyl acetate	320	U
75-09-2	Methylene chloride	320	U
156-60-5	trans-1,2-Dichloroethene	420	D
1634-04-4	Methyl tert-Butyl ether	320	U
75-34-3	1,1-Dichloroethane	320	U
156-59-2	cis-1,2-Dichloroethene	7100	D
78-93-3	2-Butanone	650	U
74-97-5	Bromochloromethane	320	U
67-66-3	Chloroform	320	U
71-55-6	1,1,1-Trichloroethane	320	U
110-82-7	Cyclohexane	320	U
56-23-5	Carbon Tetrachloride	320	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	320	U
123-91-1	1,4-Dioxane	6500	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(1-2.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067

Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z2067-01DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI017741.D

Level (TRACE/LOW/MED): MED

Date Received: 03/21/2008

% Moisture: not dec. 13

Date Analyzed: 04/05/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	31000	ED
108-87-2	Methylcyclohexane	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	320	U
79-00-5	1,1,2-Trichloroethane	320	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	650	U
124-48-1	Dibromochloromethane	320	U
106-93-4	1,2-Dibromoethane	320	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	170	JD
95-47-6	o-Xylene	320	U
179601-23-1	m, p-Xylene	200	JD
100-42-5	Styrene	320	U
75-25-2	Bromoform	320	U
98-82-8	Isopropylbenzene	320	U
79-34-5	1,1,2,2-Tetrachloroethane	320	U
541-73-1	1,3-Dichlorobenzene	320	U
106-46-7	1,4-Dichlorobenzene	320	U
95-50-1	1,2-Dichlorobenzene	320	U
96-12-8	1,2-Dibromo-3-chloropropane	320	U
120-82-1	1,2,4-Trichlorobenzene	320	U
87-61-6	1,2,3-Trichlorobenzene	320	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-21(1-2.5)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067 Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z2067-01DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI017741.D

Level: (TRACE or LOW/MED) MED Date Received: 03/21/2008

% Moisture: not dec. 13 Date Analyzed: 04/05/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.	¹ E966796	Total Alkanes	N/A		JD
02.					
03.					
04.					
05.					
06.					
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27.					
28.					
29.					
30.					

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(1-2.5)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067

Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z2067-01DL2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI017762.D

Level (TRACE/LOW/MED): MED

Date Received: 03/21/2008

% Moisture: not dec. 13

Date Analyzed: 04/07/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 10.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	3200	U
74-87-3	Chloromethane	3200	U
75-01-4	Vinyl Chloride	3200	U
74-83-9	Bromomethane	3200	U
75-00-3	Chloroethane	3200	U
75-69-4	Trichlorofluoromethane	3200	U
75-35-4	1,1-Dichloroethene	3200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3200	U
67-64-1	Acetone	6500	U
75-15-0	Carbon disulfide	3200	U
79-20-9	Methyl acetate	3200	U
75-09-2	Methylene chloride	3200	U
156-60-5	trans-1,2-Dichloroethene	3200	U
1634-04-4	Methyl tert-Butyl ether	3200	U
75-34-3	1,1-Dichloroethane	3200	U
156-59-2	cis-1,2-Dichloroethene	7400	D
78-93-3	2-Butanone	6500	U
74-97-5	Bromochloromethane	3200	U
67-66-3	Chloroform	3200	U
71-55-6	1,1,1-Trichloroethane	3200	U
110-82-7	Cyclohexane	3200	U
56-23-5	Carbon Tetrachloride	3200	U
71-43-2	Benzene	3200	U
107-06-2	1,2-Dichloroethane	3200	U
123-91-1	1,4-Dioxane	65000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-21(1-2.5)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067

Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z2067-01DL2

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI017762.D

Level (TRACE/LOW/MED): MED

Date Received: 03/21/2008

% Moisture: not dec. 13

Date Analyzed: 04/07/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 10.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>	Q
79-01-6	Trichloroethene	35000	D
108-87-2	Methylcyclohexane	3200	U
78-87-5	1,2-Dichloropropane	3200	U
75-27-4	Bromodichloromethane	3200	U
10061-01-5	cis-1,3-Dichloropropene	3200	U
108-10-1	4-Methyl-2-pentanone	6500	U
108-88-3	Toluene	3200	U
10061-02-6	trans-1,3-Dichloropropene	3200	U
79-00-5	1,1,2-Trichloroethane	3200	U
127-18-4	Tetrachloroethene	3200	U
591-78-6	2-Hexanone	6500	U
124-48-1	Dibromochloromethane	3200	U
106-93-4	1,2-Dibromoethane	3200	U
108-90-7	Chlorobenzene	3200	U
100-41-4	Ethylbenzene	3200	U
95-47-6	o-Xylene	3200	U
179601-23-1	m, p-Xylene	3200	U
100-42-5	Styrene	3200	U
75-25-2	Bromoform	3200	U
98-82-8	Isopropylbenzene	3200	U
79-34-5	1,1,2,2-Tetrachloroethane	3200	U
541-73-1	1,3-Dichlorobenzene	3200	U
106-46-7	1,4-Dichlorobenzene	3200	U
95-50-1	1,2-Dichlorobenzene	3200	U
96-12-8	1,2-Dibromo-3-chloropropane	3200	U
120-82-1	1,2,4-Trichlorobenzene	3200	U
87-61-6	1,2,3-Trichlorobenzene	3200	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-21(1-2.5)DL2

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067 Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z2067-01DL2

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI017762.D

Level: (TRACE or LOW/MED) MED Date Received: 03/21/2008

% Moisture: not dec. 13 Date Analyzed: 04/07/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 10.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.	¹ E966796	Total Alkanes	N/A		JD
02.					
03.					
04.					
05.					
06.					
07.					
08.					
09.					
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30.					

¹EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(1-3)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067

Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z2067-02DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI017742.D

Level (TRACE/LOW/MED): MED

Date Received: 03/21/2008

% Moisture: not dec. 11

Date Analyzed: 04/05/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
75-71-8	Dichlorodifluoromethane	310	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	310	U
74-83-9	Bromomethane	310	U
75-00-3	Chloroethane	310	U
75-69-4	Trichlorofluoromethane	310	U
75-35-4	1,1-Dichloroethene	310	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon disulfide	310	U
79-20-9	Methyl acetate	310	U
75-09-2	Methylene chloride	310	U
156-60-5	trans-1,2-Dichloroethene	310	U
1634-04-4	Methyl tert-Butyl ether	310	U
75-34-3	1,1-Dichloroethane	310	U
156-59-2	cis-1,2-Dichloroethene	310	U
78-93-3	2-Butanone	620	U
74-97-5	Bromochloromethane	310	U
67-66-3	Chloroform	310	U
71-55-6	1,1,1-Trichloroethane	170	JD
110-82-7	Cyclohexane	310	U
56-23-5	Carbon Tetrachloride	310	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	310	U
123-91-1	1,4-Dioxane	6200	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ETB-19(1-3)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067

Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix (SOIL/SED/WATER): SOIL

Lab Sample ID: Z2067-02DL

Sample wt/vol: 5.00 (g/mL) g

Lab File ID: VI017742.D

Level (TRACE/LOW/MED): MED

Date Received: 03/21/2008

% Moisture: not dec. 11

Date Analyzed: 04/05/2008

GC Column: RTX-VMS ID: 0.25

(mm) Dilution Factor: 1.0

Soil Extract Volume: 5000

(uL) Soil Aliquot Volume: 100 (uL)

Purge Volume: 5

(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/Kg
79-01-6	Trichloroethene	7400	D
108-87-2	Methylcyclohexane	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	310	U
79-00-5	1,1,2-Trichloroethane	310	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
124-48-1	Dibromochloromethane	310	U
106-93-4	1,2-Dibromoethane	310	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	190	JD
95-47-6	o-Xylene	310	U
179601-23-1	m, p-Xylene	230	JD
100-42-5	Styrene	310	U
75-25-2	Bromoform	310	U
98-82-8	Isopropylbenzene	310	U
79-34-5	1,1,2,2-Tetrachloroethane	310	U
541-73-1	1,3-Dichlorobenzene	310	U
106-46-7	1,4-Dichlorobenzene	310	U
95-50-1	1,2-Dichlorobenzene	310	U
96-12-8	1,2-Dibromo-3-chloropropane	310	U
120-82-1	1,2,4-Trichlorobenzene	310	U
87-61-6	1,2,3-Trichlorobenzene	310	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ETB-19(1-3)DL

Lab Name: Chemtech

Contract: EART04

Lab Code: CHEM Case No.: Z2067 Mod. Ref No.: Z2067 SDG No.: Z2067-01

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z2067-02DL

Sample wt/vol: 5.00 (g/mL) g Lab File ID: VI017742.D

Level: (TRACE or LOW/MED) MED Date Received: 03/21/2008

% Moisture: not dec. 11 Date Analyzed: 04/05/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg Purge Volume: 5 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.	¹ E966796	Total Alkanes	N/A		JD
02.					
03.					
04.					
05.					
06.					
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10.					
11.					
12.					
13.					
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¹EPA-designated Registry Number.

Summary Sheet
SW-846

SDG No.: Z2067-01
Client: Earth Tech, Inc.

Order ID: Z2067
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-19(1-3)							
Z2067-02	ETB-19(1-3)	SOIL	trans-1,2-Dichloroethene	15		5.6	5.6	ug/Kg
Z2067-02	ETB-19(1-3)	SOIL	cis-1,2-Dichloroethene	400	E	5.6	5.6	ug/Kg
Z2067-02	ETB-19(1-3)	SOIL	Benzene	20		5.6	5.6	ug/Kg
Z2067-02	ETB-19(1-3)	SOIL	Trichloroethene	1800	E	5.6	5.6	ug/Kg
Z2067-02	ETB-19(1-3)	SOIL	Toluene	16		5.6	5.6	ug/Kg
Z2067-02	ETB-19(1-3)	SOIL	Ethylbenzene	19		5.6	5.6	ug/Kg
Z2067-02	ETB-19(1-3)	SOIL	o-Xylene	9.5		5.6	5.6	ug/Kg
Z2067-02	ETB-19(1-3)	SOIL	m,p-Xylene	18		5.6	5.6	ug/Kg
Total VOC's:				2297.50				
Total TIC's:				0.00				
Total VOC's and TIC's:				2297.50				
Client ID:	ETB-21(1-2.5)							
Z2067-01	ETB-21(1-2.5)	SOIL	cis-1,2-Dichloroethene	20		5.7	5.7	ug/Kg
Z2067-01	ETB-21(1-2.5)	SOIL	1,1,1-Trichloroethane	9.7		5.7	5.7	ug/Kg
Z2067-01	ETB-21(1-2.5)	SOIL	Benzene	13		5.7	5.7	ug/Kg
Z2067-01	ETB-21(1-2.5)	SOIL	Trichloroethene	1000	E	5.7	5.7	ug/Kg
Z2067-01	ETB-21(1-2.5)	SOIL	Toluene	29		5.7	5.7	ug/Kg
Z2067-01	ETB-21(1-2.5)	SOIL	Ethylbenzene	57		5.7	5.7	ug/Kg
Z2067-01	ETB-21(1-2.5)	SOIL	o-Xylene	32		5.7	5.7	ug/Kg
Z2067-01	ETB-21(1-2.5)	SOIL	m,p-Xylene	67		5.7	5.7	ug/Kg
Z2067-01	ETB-21(1-2.5)	SOIL	Benzene, 1,3,5-trimethyl-	* 40	JN	0	0	ug/Kg
Z2067-01	ETB-21(1-2.5)	SOIL	Indane	* 47	JN	0	0	ug/Kg
Total VOC's:				1227.70				
Total TIC's:				87.00				
Total VOC's and TIC's:				1314.70				

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

Summary Sheet
SW-846

SDG No.: Z2067-01
Client: Earth Tech, Inc.

Order ID: Z2067
Project ID: EART04

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	ETB-19(1-3)DL							
Z2067-02DL	ETB-19(1-3)DL	SOIL	1,1,1-Trichloroethane	170	JD	310	62.4	ug/Kg
Z2067-02DL	ETB-19(1-3)DL	SOIL	Trichloroethene	7400	D	310	62.4	ug/Kg
Z2067-02DL	ETB-19(1-3)DL	SOIL	Ethylbenzene	190	JD	310	62.4	ug/Kg
Z2067-02DL	ETB-19(1-3)DL	SOIL	m,p-Xylene	230	JD	310	62.4	ug/Kg
Total VOC's:				7990.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				7990.00				
Client ID:	ETB-21(1-2.5)DL							
Z2067-01DL	ETB-21(1-2.5)DL	SOIL	trans-1,2-Dichloroethene	420	D	320	64.9	ug/Kg
Z2067-01DL	ETB-21(1-2.5)DL	SOIL	cis-1,2-Dichloroethene	7100	D	320	64.9	ug/Kg
Z2067-01DL	ETB-21(1-2.5)DL	SOIL	Trichloroethene	31000	ED	320	64.9	ug/Kg
Z2067-01DL	ETB-21(1-2.5)DL	SOIL	Ethylbenzene	170	JD	320	64.9	ug/Kg
Z2067-01DL	ETB-21(1-2.5)DL	SOIL	m,p-Xylene	200	JD	320	64.9	ug/Kg
Total VOC's:				38890.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				38890.00				
Client ID:	ETB-21(1-2.5)DL2							
Z2067-01DL2	ETB-21(1-2.5)DL2	SOIL	cis-1,2-Dichloroethene	7400	D	3200	649	ug/Kg
Z2067-01DL2	ETB-21(1-2.5)DL2	SOIL	Trichloroethene	35000	D	3200	649	ug/Kg
Total VOC's:				42400.00				
Total TIC's:				0.00				
Total VOC's and TIC's:				42400.00				

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

APPENDIX E

ANALYTICAL DATA – SUB-SLAB VAPOR



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

DATA PACKAGE FOR VOLATILE ORGANICS

PROJECT NAME : NYSDEC NORTH EAST ALLOYS-AIR

**EARTH TECH, INC.
40 British American Blvd.**

**Latham , NY - 12110
Phone No: 5189512200**

**CHEMTECH PROJECT N
ATTENTION:**

**Z1583
Caroline Benedict**

COVER PAGE

ProjectID: NYSDEC North East Alloys-
OrderID: Z1583 CustomerName: Earth Tech, Inc.

LAB SAMPLE NO.

Z1583-01

Z1583-02

Z1583-03

Z1583-04

Z1583-05

CLIENT SAMPLE NO

SS-3

SS-4

SS-1

SS-2

SS-DUP

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: Mildred V. Keys Name: Mildred V. Keys
Date: 3/24/08 Title: QA/LOC

CHEMTECH

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

Project No.: Z1183
95536.056

Client Contact Information		Project Manager: <u>C. Benedict</u>		Courier: <u>FEDEX AIR</u>		1 of 1 COCs	
Company: <u>EMERTECH</u>		Phone: <u>same</u>		Samplers Name(s): <u>Caroline Benedict</u>		Analysis	
Address: <u>46 British Amer. Blvd</u>		Site Contact: <u>N/A</u>		AIR ANALYSIS CHAIN-OF-CUSTODY		Matrix	
City/State/Zip: <u>Latham, NY 12110</u>							
Phone: <u>518 951 2369</u>							
FAX: <u>518 951 2300</u>							
Project Name: <u>NE Almond</u>		Analysis Turnaround Time					
Site: <u>Utica, NY</u>		Standard: 15 business days		Data Package Type: <u>CAT B</u>			
PO # <u>95536.056</u>		Rush (Specify): <u>5</u> Days		EDD Type: <u>EXCEL</u>			

Sample Identification	Sample Date(s)	Time Start (24 hr clock)	Time Stop (24 hr clock)	Canister Pressure in Field (Psi) (Start)	Canister Pressure in Field (Psi) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Outgoing Canister Pressure (Psi) (Lab)	Incoming Canister Pressure (Psi) (Lab)	Flow Controller Can Size Readout (ml/min)	Can Cert ID	TO-15	Indoor / Ambient Air	Soil Gas
<u>SS-3</u>	<u>3-4-08</u>	<u>11:02</u>	<u>17:02</u>	<u>-28</u>	<u>-10</u>	<u>32</u>	<u>37-30</u>	<u>10699</u>	<u>10319</u>	<u>6L</u>	<u>8HR</u>	<u>012800</u>	<u>X</u>	<u>X</u>

Temperature (Fahrenheit)	
Ambient	Minimum
Start	
Stop	
Pressure (inches of Hg)	
Ambient	Minimum
Start	
Stop	

GC/MS Analyst Signature (TO-15) Specialist

Special Instructions/QC Requirements & Comments:

Suspected Contamination: High Medium Low PID Readings: 0

Sampling site (State): NYS

Quick Connector required: <u>10</u>		T-Connector required: <u>10</u>	
Canisters Shipped by: <u>3-6-08</u>	Date/Time: <u>3-6-08 9:15 AM</u>	Canisters Received by: <u>3-6-08</u>	Date/Time: <u>3-6-08 9:15 AM</u>
Samples Relinquished by: <u>3-6-08</u>	Date/Time: <u>3-6-08 16:00</u>	Received by: <u>3-6-08</u>	Date/Time: <u>3-6-08 16:00</u>
Relinquished by: <u>3-6-08</u>	Date/Time: <u>3-6-08 9:15 AM</u>	Received by: <u>3-6-08</u>	Date/Time: <u>3-6-08 9:15 AM</u>

Please follow the instructions on the back of this COC

Client Contact Information		Project Manager: <u>C. Benedict</u>		Courier: <u>FED EX AIR</u>		1 of 1 COCs																								
Company: <u>EPRI/TH TECH</u>		Phone: <u>same</u>		Samplers Name(s): <u>CAROLINE BENEDECT</u>		Analysis Matrix																								
Address: <u>40 British American Blvd</u>		Site Contact: <u>N/A</u>		AIR ANALYSIS CHAIN-OF-CUSTODY																										
City/State/Zip: <u>Latham, NY 12110</u>																														
Phone: <u>518 951 2369</u>																														
FAX: <u>518 951 2368</u>																														
Project Name: <u>NE Alloys-Air</u>		Analysis Turnaround Time																												
Site: <u>Utica NY</u>		Standard: 15 business days		Data Package Type: <u>CAT B</u>																										
PO # <u>9536.056</u>		Rush (Specify): <u>5</u> Days		EDD Type: <u>EXCEL</u>																										
Sample Identification	Sample Date(s)	Time Start (24 hr clock)	Time Stop (24 hr clock)	Canister Pressure in Field (Psi)	Canister Pressure in Lab (Psi)	Interior Temp. (F)	Interior Temp. (F)	Outgoing Canister Pressure (Psi)	Incoming Canister Pressure (Psi)	Flow Controller Can Size (L)	Flow Controller Readout (min/min)	Can Cert ID	Indoor / Ambient Air	Soil Gas																
SS-4	3/4/08	11:04	19:04	29	-1	38°	36°	30		10571	1498	6L	8HR	VL004692.0																
GC/MS Analyst Signature (TO-15)																														
<table border="1"> <tr> <th colspan="2">Temperature (Fahrenheit)</th> </tr> <tr> <th>Ambient</th> <th>Minimum</th> </tr> <tr> <td>Start</td> <td></td> </tr> <tr> <td>Stop</td> <td></td> </tr> <tr> <th colspan="2">Pressure (inches of Hg)</th> </tr> <tr> <th>Ambient</th> <th>Minimum</th> </tr> <tr> <td>Start</td> <td></td> </tr> <tr> <td>Stop</td> <td></td> </tr> </table>															Temperature (Fahrenheit)		Ambient	Minimum	Start		Stop		Pressure (inches of Hg)		Ambient	Minimum	Start		Stop	
Temperature (Fahrenheit)																														
Ambient	Minimum																													
Start																														
Stop																														
Pressure (inches of Hg)																														
Ambient	Minimum																													
Start																														
Stop																														
Special Instructions/QC Requirements & Comments:																														
Suspected Contamination: High Medium Low <u>Low</u> PID Readings: 0																														
Sampling site (State): <u>NYS</u>																														
Quick Connector required: <u>NO</u>																														
Canisters Shipped by: <u>EPRI</u>		Date/Time: <u>3/25/08</u>		Canisters Received by:		Date/Time:																								
Samples Relinquished by: <u>EPRI</u>		Date/Time: <u>3-5-08 16:00</u>		Received by:		Date/Time:																								
Relinquished by: <u>EPRI</u>		Date/Time: <u>3-6-08 9:10 AM</u>		Received by: <u>Jay Ledy Zussman</u>		Date/Time: <u>3/6/08 9:15</u>																								
001043																														

Project No.: Z1583
95336.056

Client Contact Information		Project Manager: <u>C. Benedict</u>		Courier: <u>FEDEX AIR</u>		1 of 1 COCs																																			
Company: <u>EARTH TECH</u>		Phone: <u>8412</u>		Samplers Name(s): <u>Caroline Benedict</u>		Analysis																																			
Address: <u>40 British Amer. Blvd</u>		Site Contact: <u>N/A</u>		AIR ANALYSIS CHAIN-OF-CUSTODY		Matrix																																			
City/State/Zip: <u>Latham, NY 12110</u>																																									
Phone: <u>518 951 2319</u>																																									
FAX: <u>518 951 2300</u>																																									
Project Name: <u>NE Alloy</u>		Analysis Turnaround Time		Data Package Type: <u>LAT B</u>																																					
Site: <u>Alloy</u>		Standard: 15 business days		EDD Type: <u>FIELD</u>																																					
PO # <u>95336.056</u>		Rush (Specify): <u>5</u> Days																																							
Sample Identification	Sample Date(s)	Time Start (24 hr clock)	Time Stop (24 hr clock)	Canister Pressure In Field (Psi)	Canister Pressure In Field (Psi)	Interior Temp. (F)	Interior Temp. (F)	Outgoing Canister Pressure (Psi)	Incoming Canister Pressure (Psi)	Flow Controller Readout (m/min)	Can Size (L)	Can ID	Flow Reg. ID	Can ID	TO-15	Indoor/Ambient Air	Soil Gas																								
SS-1	3-4-08	11:22	19:23-24	-10	32	37	-30																																		
Temperature (Fahrenheit) <table border="1"> <tr> <th>Ambient</th> <th>Maximum</th> <th>Minimum</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Start</td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> </tr> </table> Pressure (Inches of Hg) <table border="1"> <tr> <th>Ambient</th> <th>Maximum</th> <th>Minimum</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Start</td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> </tr> </table>																		Ambient	Maximum	Minimum				Start			Stop			Ambient	Maximum	Minimum				Start			Stop		
Ambient	Maximum	Minimum																																							
Start																																									
Stop																																									
Ambient	Maximum	Minimum																																							
Start																																									
Stop																																									
GC/MS Analyst Signature (TO-15): <u>Spencer</u>																																									
Special Instructions/QC Requirements & Comments: Suspected Contamination: <u>NYS</u> High Medium Low <u>Low</u> PID Readings: <u>0</u> Sampling site (State): <u>NYS</u>																																									
Quick Connector required: <u>NO</u> Caristers Shipped by: <u>Earth Tech</u> Samples Relinquished by: <u>Earth Tech</u> Relinquished by: <u>Fed Ex</u>																																									
Canisters Received by: <u>Earth Tech</u> Received by: <u>Earth Tech</u> Received by: <u>Earth Tech</u>																																									
Date/Time: <u>3/6/08 9:15</u>																																									
001044																																									

Project No.: Z1583

95536.056

Client Contact Information		Project Manager: <u>Benedict</u>		Courier: <u>FedEx AIR</u>		1 of 1 COCs																												
Company: <u>EARTH TECH</u>		Phone: <u>SAME</u>		Samplers Name(s): <u>Caroline Benedict</u>		Matrix																												
Address: <u>40 British Amer. Blvd</u>		Site Contact: <u>N/A</u>																																
City/State/Zip: <u>LAKEHURM NY 12110</u>																																		
Phone: <u>518 451 2366</u>																																		
FAX: <u>518 451 2300</u>																																		
Project Name: <u>NE ALCOA</u>		Analysis Turnaround Time		AIR ANALYSIS CHAIN-OF-CUSTODY																														
Site: <u>WH2A NY</u>		Standard: 15 business days		Data Package Type: <u>CAT B</u>																														
PO # <u>95536.056</u>		Rush (Specify): <u>5</u> Days		EDD Type: <u>EXCEL</u>																														
Sample Identification	Sample Date(s)	Time Start (24 hr clock)	Time Stop (24 hr clock)	Canister Pressure in Field (inHg) (Start)	Canister Pressure in Field (inHg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Outgoing Canister Pressure (inHg) (Lab)	Rooming Canister Pressure (inHg) (Lab)	Flow Controller Readout (m/min)	Can Size (L)	Can ID	Can Cat ID	TO-15	Indoor / Ambient Air	Soil Gas																		
<u>SS-2</u>	<u>3-4-08</u>	<u>10:51</u>	<u>18:58</u>	<u>22</u>	<u>4</u>	<u>32°</u>	<u>37°</u>	<u>30</u>			<u>6L</u>	<u>10155</u>	<u>801170</u>	<u>801170</u>	<u>801170</u>	<u>801170</u>	<u>801170</u>																	
Temperature (Fahrenheit) <table border="1"> <tr> <th>Ambient</th> <th>Maximum</th> <th>Minimum</th> </tr> <tr> <td>Start</td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> </tr> </table> Pressure (inches of Hg) <table border="1"> <tr> <th>Ambient</th> <th>Maximum</th> <th>Minimum</th> </tr> <tr> <td>Start</td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> </tr> </table>																	Ambient	Maximum	Minimum	Start			Stop			Ambient	Maximum	Minimum	Start			Stop		
Ambient	Maximum	Minimum																																
Start																																		
Stop																																		
Ambient	Maximum	Minimum																																
Start																																		
Stop																																		
GC/MS Analyst Signature (TO-15) <u>Spencer</u>																																		
Special Instructions/QC Requirements & Comments:																																		
Suspected Contamination: <u>High</u> <u>Medium</u> <u>Low</u> PID Readings: <u>0</u>																																		
Sampling site (State): <u>NY S</u>																																		
Quick Connector required: <u>NO</u> T-Connector required: <u>NO</u>																																		
Canisters Shipped by: <u>Earth Tech</u>		Date/Time: <u>3/4/08</u>		Canisters Received by:		Date/Time:																												
Samples Relinquished by: <u>Earth Tech</u>		Date/Time: <u>3-5-08 16:00</u>		Received by:		Date/Time:																												
Relinquished by: <u>Fed Ex</u>		Date/Time: <u>3-6-08 9:30</u>		Received by: <u>Spencer</u>		Date/Time: <u>3/6/08 9:15</u>																												
						001045																												

Project No.:

21583

9536-05

Client Contact Information						Project Manager: C. Benedict		Courier: FedEx Air	of		COCs						
Company: EARTH TECH						Phone: same		Samplers Name(s) Caroline Benedict		Analysis	Matrix						
Address: 40 British Amer. Blvd						Site Contact: N/A											
City/State/Zip: Latham NY 12110																	
Phone: 518 951 2364																	
FAX: 518 951 2300																	
Project Name: NE 41 long						Analysis Turnaround Time											
Site: Wtca NY						Standard: 15 business days											
PO # 95336-056						Rush (Specify): 5 Days											
Data Package Type: CHL B						EDD Type: EXCEL											
AIR ANALYSIS CHAIN-OF-CUSTODY																	
Sample Identification	Sample Date(s)	Time Start (24 hr clock)	Stop (24 hr clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Outgoing Canister Pressure ("Hg) (Lab)	Incoming Canister Pressure ("Hg) (Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min)	Gain Cert. ID	TO-15	Indoor / Ambient Air	Soil Gas
SS-DUP	3-4-08	8 HRS	~~10:25~~ -25	-10	32	37	30			10251025-6C	8H12	VL-009728	021408	VL-009728	X		X
GCMS Analyst Signature (TO-15) Kye... [Signature]																	
Temperature (Fahrenheit)																	
Ambient		Maximum		Minimum													
Start																	
Stop																	
Pressure (inches of Hg)																	
Ambient		Maximum		Minimum													
Start																	
Stop																	
PID Readings: Low																	
Special Instructions/QC Requirements & Comments:																	
Suspected Contamination: High Medium Low																	
Sampling site (State): NYS																	
Quick Connector required: NO																	
T-Connector required: YES																	
Canisters Shipped by: [Signature]																	
Date/Time: 02/25/08																	
Canisters Received by:																	
Received by:																	
Date/Time: 3/5/08 16:00																	
Relinquished by: Paul [Signature]																	
Date/Time: 3/6/08 9:15																	
001046																	

Avi Sagiv

From: Benedict, Caroline [Caroline.Benedict@earthtech.com]
Sent: Thursday, February 14, 2008 3:10 PM
To: Joe Dockery
Cc: Avi Sagiv
Subject: RE: North East alloys- Air
Follow Up Flag: Follow up
Due By: Friday, February 15, 2008 12:00 AM
Flag Status: Completed

Joe –

We need to order bottleware and canisters for NE Alloys. The work is scheduled for 2/25 (tentative) and should last a week. We are looking for 5-day TAT on the Form Is. We need:

- 5 Summa Canisters (4 samples, 1 DUP), individually-clean certified, with 8-hr regulators for the full TO-15 scan.
- 3 boxes of VOC jars for the soil analysis
- 4 sets of VOC vials for groundwater analysis.
- Chain of Custodies (10-15), custody seals
- 5 medium coolers

Please ensure that we get the bottleware and SUMMAs by Friday 2/22.

I attached a sub agreement to get signed for the work. There is a possibility that it will get postponed by a week or 2, but it is a high-priority job.

Caroline Benedict, CHMM

Project Manager/Geologist
Earth Tech, Inc.
40 British American Boulevard
Latham, New York 12110
Ph (518) 951-2369
Fx (518) 951-2300
caroline.benedict@earthtech.com
www.earthtech.com

Confidentiality Notice: This e-mail is intended to be delivered only to the named addressee(s) and may contain information that is confidential and proprietary. If this information is received by anyone other than the named addressee(s), the recipient(s) should immediately notify the sender by e-mail and promptly delete the transmitted material from your computer and server. In no event shall this material be read, used, stored, or retained by anyone other than the named addressee(s) without the express written consent of the sender or the named addressee(s).

From: Joe Dockery [mailto:jdockery@chemtech.net]
Sent: Tuesday, January 29, 2008 4:58 PM
To: Benedict, Caroline
Subject: north East alloys- Air

Caroline,

Attached is the confirming Q0801079 in support of the air phase of the project.

2/25/2008

The unit price for TO15. includes INDIVIDUALLY CERTIFIED CANISTERS as requested.

The laboratory requires at least 3 Bus. days to Process

We included the expedite factors for reporting form I data. (please note the DEC contract doesn't have a 3 Bus Day TAT factor in our current contract).

You will need to specify the Regulators duration required and the type of samples being obtained (Indoor air, sub-slab, soil Gas)

thanks and please call me if you have any questions (732)-688-2642

Joe Dockery

Chemtech

284 Sheffield Street

Mountainside, NJ 07092

Ph: 908-789-8900 X104

Fax: 908-789-8922

Cell 732-688-2642

FedEx® US Airbill
Express

FedEx Tracking Number: 8612 8437 9520

0200

Recipients Copy

1 From Date: 11/11/01 Phone: 111-1111

Sender's Name: 1111111111

Company: 1111111111 Dept./Floor/Suite/Room: 1111

Address: 1111111111 State: 11 ZIP: 11111

City: 1111111111

2 Your Internal Billing Reference: 1111111111

3 To Recipient's Name: 1111111111 Phone: 111-1111

Company: 1111111111

Recipient's Address: 1111111111

Address: 1111111111 State: 11 ZIP: 11111

City: 1111111111



8612 8437 9520

fedex.com 1.800.GoFedEx 1.800.463.3339

4a Express Package Service
FedEx Priority Overnight
FedEx Standard Overnight
FedEx 2Day
FedEx 3Day Freight
FedEx 1Day Freight

4b Express Freight Service
FedEx 2Day Freight
FedEx 3Day Freight
FedEx 1Day Freight

5 Packaging
FedEx Envelope
FedEx Pak
FedEx Tube
FedEx Box
FedEx Carton
FedEx Pallet

6 Special Handling
Saturday Delivery
HOLD Weekday
HOLD Saturday
HOLD Sunday

7 Payment
Bill To: Recipient
Bill To: Third Party
Bill To: Credit Card
Bill To: Cash/Check

8 Residential Delivery Signature Options
No Signature
Direct Signature
Indirect Signature

Total Packages: 00
Total Weight: 00
Total Declared Value: 00

9 Other Services
Dry Ice
Signature Required
Signature Not Required
Signature Restricted

10 Insurance
Insurance
Insurance

11 Customs
Customs
Customs

12 Other
Other
Other

13 Total
Total
Total

14 Remarks
Remarks
Remarks

15 Signature
Signature
Signature

16 Date
Date
Date

17 Initials
Initials
Initials

18 Other
Other
Other

Internal Chain of Custody

Instructions: Use 1 form for each 20 samples of aliquot

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample			
Laboratory: <u>Chemtech</u>	Location: <u>284 Sheffield Street, Mountainside, NJ 7092</u>		
Name: <u>ZUBAIR</u>	Title: <u>Sample Custodian</u>		
Field Sample Seal No.: <u>Z1583</u>	Date Broken: <u>3/6/2008</u>	Military Time Seal Broken: <u>09:15:00</u>	
Case No.: <u>NYSDEC North East Alloys-AIR</u>	Analytical Parameter/Fraction: <u>TO-15</u>		

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
Z1583-01	SS-3		
Z1583-02	SS-4		
Z1583-03	SS-1		
Z1583-04	SS-2		
Z1583-05	SS-DUP		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
3/6/08	14:00	Signature <u>Zubair ALP</u>	Signature <u>Samantha Yesil</u>	T/R TO VOA LAB
		Printed Name <u>Zubair ALP</u>	Printed Name <u>Samantha Yesil</u>	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	

Distribution: White - Original (Sent With Report)

Yellow - Contractor Archive

Pink - Sample Custodian - Interim Copy

Project No.: 95536.056

CHEMTECH

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

Client Contact Information		Project Manager: <u>C. Benedict</u>		Courier: <u>FEDEX AIR</u>		1 of 1 COCs	
Company: <u>EMITTECH</u>		Phone: <u>same</u>		Samplers Name(s): <u>Caroline Benedict</u>		Analysis Matrix	
Address: <u>46 Birch Ave., Budd</u>		Site Contact: <u>N/A</u>		AIR ANALYSIS CHAIN-OF-CUSTODY			
City/State/Zip: <u>Littleton, NY 12110</u>							
Phone: <u>518 951 2369</u>							
FAX: <u>518 951 2300</u>							
Project Name: <u>NE ALLOY</u>		Analysis Turnaround Time					
Site: <u>Utica, NY</u>		Standard: 15 business days		Data Package Type: <u>CAT B</u>			
CO # <u>95536.056</u>		Rush (Specify): <u>5</u> Days		EDD Type: <u>EXCEL</u>			

Sample Identification	Sample Date(s)	Time Start (24 hr clock)	Time Stop (24 hr clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Outgoing Canister Pressure ("Hg) (Lab)	Incoming Canister Pressure ("Hg) (Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (m/min)	Can Cert ID	TO-15	Indoor / Ambient Air	Soil Gas
<u>SS-3</u>	<u>3-4-08</u>	<u>11:02</u>	<u>17:02</u>	<u>-28</u>	<u>-10</u>	<u>32</u>	<u>37</u>	<u>30</u>	<u>82</u>	<u>10699</u>	<u>10319</u>	<u>6L</u>	<u>9HR</u>	<u>012808</u>	<u>X</u>		<u>X</u>

GC/MS Analyst Signature (TO-15) Sybilguy

Temperature (Fahrenheit)	
Ambient	Minimum
Start	
Stop	

Pressure (inches of Hg)	
Ambient	Minimum
Start	
Stop	

Special Instructions/QC Requirements & Comments: NYS PID Readings: 0 Low Medium High

Suspected Contamination: NYS

Sampling site (State): NYS

Quick Connector required: <u>10</u>		T-Connector required: <u>10</u>	
Canisters Supplied by: <u>EMITTECH</u>	Date/Time: <u>3-5-08 16:00</u>	Canisters Received by:	Date/Time:
Samples Relinquished by: <u>EMITTECH</u>	Date/Time: <u>3-5-08 16:00</u>	Received by:	Date/Time:
Relinquished by: <u>EMITTECH</u>	Date/Time: <u>3-6-08 9:15:00</u>	Received by: <u>g. waldy</u>	Date/Time: <u>3-6-08 9:15:00</u>

001042

284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax: (908) 789-8901

[illegible]

please follow the instructions on the back of this COC

Client Contact Information		Project Manager: C. Benedict Phone: 846-1234 Site Contact: N/A		Courier: FedEx Air	1 of 1 COCs										
Company: EARTH TECH		Address: 40 British Amer. Blvd City/State/Zip: Latham, NY 12110 Phone: 518 951 2369 FAX: 518 951 7300		Samplers Name(s) Caroline Benedict	Matrix										
PO # 95536.056		Project Name: NE Alley		AIR ANALYSIS CHAIN-OF-CUSTODY											
Standard: 15 business days		Rush (Specify): 5 Days		Data Package Type: CAT B											
				EDD Type: FUEL											
Sample Identification	Time Start (24 hr clock)	Time Stop (24 hr clock)	Canister Pressure In Field ("Hg) (Start)	Canister Pressure In Field ("Hg) (Stop)	Incoming Canister Pressure ("Hg) (Lab)	Outgoing Canister Pressure ("Hg) (Lab)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can Size (L)	Flow Controller Readout (ml/min)	Can Cert ID	TO-15	Indoor /Ambient Air	Soil Gas
SS-1	3-4-08 11:22	19:23-24	-10	32	37	-30	-82	10783	6L	P4R	VL 0047293	020868	X		
GCMS Analyst Signature (TO-15) <i>[Signature]</i>															
Special Instructions/QC Requirements & Comments:		PID Readings: Low													
Suspected Contamination: High Medium Low		Sampling site (State): NYS													
Quick Connector required:		T-Connector required: NO													
Canisters Shipped by: [Signature]		Date/Time: 3-6-08 9:20am													
Samples Relinquished by:		Received by: [Signature]													
Relinquished by: End Ex		Received by: [Signature]													

HEALTH

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

/ of / COCS

Courier: FEDEx AIR

Samplers Name(s)	Analysis	Matrix
Caroline Benedict		

AIR ANALYSIS CHAIN-OF-CUSTODY

[illegible][illegible]

Data Package Type: <u>511</u> EDD Type: <u>EXCEL</u>	Agent A

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

	Inlet	Flow Control	Outgoing Canister	Flow Control	Outlet
Interior					
Gas					

Temp. (F)	Canister Pressure (H _g)	Canister Pressure (H _g)	Can Size	Readout	Countdown
70	10	10	10	10	10
75	10	10	10	10	10
80	10	10	10	10	10
85	10	10	10	10	10
90	10	10	10	10	10
95	10	10	10	10	10
100	10	10	10	10	10
105	10	10	10	10	10
110	10	10	10	10	10
115	10	10	10	10	10
120	10	10	10	10	10
125	10	10	10	10	10
130	10	10	10	10	10
135	10	10	10	10	10
140	10	10	10	10	10
145	10	10	10	10	10
150	10	10	10	10	10
155	10	10	10	10	10
160	10	10	10	10	10
165	10	10	10	10	10
170	10	10	10	10	10
175	10	10	10	10	10
180	10	10	10	10	10
185	10	10	10	10	10
190	10	10	10	10	10
195	10	10	10	10	10
200	10	10	10	10	10
205	10	10	10	10	10
210	10	10	10	10	10
215	10	10	10	10	10
220	10	10	10	10	10
225	10	10	10	10	10
230	10	10	10	10	10
235	10	10	10	10	10
240	10	10	10	10	10
245	10	10	10	10	10
250	10	10	10	10	10
255	10	10	10	10	10
260	10	10	10	10	10
265	10	10	10	10	10
270	10	10	10	10	10
275	10	10	10	10	10
280	10	10	10	10	10
285	10	10	10	10	10
290	10	10	10	10	10
295	10	10	10	10	10
300	10	10	10	10	10
305	10	10	10	10	10
310	10	10	10	10	10
315	10	10	10	10	10
320	10	10	10	10	10
325	10	10	10	10	10
330	10	10	10	10	10
335	10	10	10	10	10
340	10	10	10	10	10
345	10	10	10	10	10
350	10	10	10	10	10
355	10	10	10	10	10
360	10	10	10	10	10
365	10	10	10	10	10
370	10	10	10	10	10
375	10	10	10	10	10
380	10	10	10	10	10
385	10	10	10	10	10
390	10	10	10	10	10
395	10	10	10	10	10
400	10	10	10	10	10
405	10	10	10	10	10
410	10	10	10	10	10
415	10	10	10	10	10
420	10	10	10	10	10
425	10	1			

[illegible]

5/6

$\frac{8}{7} \times \frac{7}{8} = 1$

2

71
128
4769
5

[illegible][illegible]

712 10015

GCMS Analyst Signature (10-15)

[illegible][illegible]

1

0
:sw/pe

መግቢያ:

100

[illegible]

Received by: _____ Date/Time: _____

Date/Time:	001045

2025 RELEASE UNDER E.O. 14176

Date/Time: 

2

Follow the instructions on the back of this COC

Project No.: 95536.056

HEMTECH

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

Client Information Company: <u>EMTECH TECH</u> Address: <u>40 Prichard Ave. Bldg</u> City/State/Zip: <u>LAUREL, NY 12110</u> Phone: <u>518 951 2364</u> Fax: <u>518 951 2300</u> Contact Name: <u>NE 41017</u> Project Name: <u>95536.056</u>		Project Manager: <u>C. Benedict</u> Phone: <u>SAME</u> Site Contact: <u>N/A</u>		Courier: <u>FedEx Air</u> Samplers Name(s): <u>Caroline Benedict</u>		1 of 1 COCs	
AIR ANALYSIS CHAIN-OF-CUSTODY							
Data Package Type: <u>CAI B</u> EDD Type: <u>EXCEL</u>				Analysis			
Analysis Turnaround Time Standard: 15 business days Rush (Specify): <u>5</u> Days				Matrix			
Sample Identification <u>SS-DUP</u> <u>3408</u> <u>8 HRS</u>		Time Start (24 hr clock) <u>8:25</u>	Time Stop (24 hr clock) <u>10:30</u>	Interior Temp. (F) <u>37</u>	Outgoing Canister Pressure (Psi) <u>30-8.2</u>	Incoming Canister Pressure (Psi) <u>10.5</u>	Flow Controller Readout (ml/min) <u>6C 8412</u> <u>021408</u> <u>VL-009728</u>
Sample Date(s) <u>3-4-08</u>		Canister Pressure In Field (Psi) <u>29</u>		Interior Temp. (F) <u>37</u>	Outgoing Canister Pressure (Psi) <u>30-8.2</u>	Incoming Canister Pressure (Psi) <u>10.5</u>	Flow Controller Readout (ml/min) <u>6C 8412</u> <u>021408</u> <u>VL-009728</u>
Ambient <u>Start</u> <u>Stop</u>		Maximum <u>Minimum</u>		Temperature (Fahrenheit)			
Ambient <u>Start</u> <u>Stop</u>		Maximum <u>Minimum</u>		Pressure (inches of Hg)			
Ambient <u>Start</u> <u>Stop</u>		Maximum <u>Minimum</u>		PID Readings: <u>Low</u>			
Special Instructions/QC Requirements & Comments:							
Expected Contamination: <u>High Medium Low</u>							
Sampling site (State): <u>NYS</u>							
Click Connector required: <u>NO</u>		T-Connector required: <u>NO</u>		GC/MS Analyst Signature (TO-15) <u>[Signature]</u>			
Canisters Shipped by: <u>[Signature]</u>		Canisters Received by:		Date/Time:			
Canisters Relinquished by: <u>[Signature]</u>		Received by:		Date/Time:			
Relinquished by:		Received by:		Date/Time:			
001046							



284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

Order ID: Z1583
Client : Earth Tech, Inc.
Contact : Caroline Benedict

Order Date: 2/19/2008
Project: NYSDEC North East Alloys-AIR
Location : VOA Lab

Lab ID	Client ID	Matrix	Test	Method	Sample Date	PrepDate	AnalDate	Received
Z1583-01	SS-3	AIR			03/04/08			03/06/08
		TO-15		TO-15			03/08/08	
Z1583-02	SS-4	AIR			03/04/08			03/06/08
		TO-15		TO-15			03/08/08	
Z1583-03	SS-1	AIR			03/04/08			03/06/08
		TO-15		TO-15			03/08/08	
Z1583-04	SS-2	AIR			03/04/08			03/06/08
		TO-15		TO-15			03/08/08	
Z1583-04DL	SS-2DL	AIR			03/04/08			03/06/08
		TO-15		TO-15			03/08/08	
Z1583-05	SS-DUP	AIR			03/04/08			03/06/08
		TO-15		TO-15			03/08/08	

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.



CASE NARRATIVE

Earth Tech, Inc.

Project Name: NYSDEC North East Alloys-AIR

Project # N/A

Chemtech Project # Z1583

A. Number of Samples and Date of Receipt:

5 Air samples were received on 3/6/08.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SUMMA Canister Rental, and TO-15. This data package contains results for TO-15.

C. Analytical Techniques:

The analysis performed on instrument MSVOA L were done using GC column RTX-1, which is 60 meters, 0.32 ID, 1.0 um df, Restek Cat. #10157. The Trap was supplied by Entech, glass bead and Tenax , Entech 7100A Preconcentrator.

The analysis of TO-15 was based on method TO-15.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The Blank Spike met requirements for all samples.

The Blank analysis indicated presence of Acetone due to possible lab contamination.

The Tuning criteria met requirements.

Samples SS-3, SS-1, SS-2 and SS-DUP were diluted due to bad matrices.

Sample SS-2 was diluted due to high concentrations.

Manual integration was performed for the followings:

Manual Integration Report							
Sequence		VL030708	Instrument		MSVOA_I		
Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
5 PPB ICC	VL004989.D	m/p-Xylene	apatel	3/8/2008 8:21:32 AM	sam	3/8/2008 10:57:23 AM	Peak Integrated by Software incorrectly
2 PPB ICC	VL004990.D	m/p-Xylene	apatel	3/8/2008 8:21:31 AM	sam	3/8/2008 10:57:28 AM	Peak Integrated by Software incorrectly
0.5 PPB ICC	VL004991.D	Ethanol	apatel	3/8/2008 8:21:22 AM	sam	3/8/2008 10:57:32 AM	Peak Integrated by Software incorrectly
0.5 PPB	VL004991.D	Styrene	apatel	3/8/2008	sam	3/8/2008	Peak Integrated by

ICC				8:21:22 AM		10:57:32 AM	Software incorrectly
0.5 PPB ICC	VL004991.D	1,4-Dichlorobenzene	apatel	3/8/2008 8:21:22 AM	sam	3/8/2008 10:57:32 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	Styrene	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	2-Chlorotoluene	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	2-Hexanone	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	1,2-Dibromoethane	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	m/p-Xylene	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	Tetrahydrofuran	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
0.1 PPB RPT	VL004996.D	t-1,3-Dichloropropene	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	Bromoform	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	cis-1,2-Dichloroethene	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	2-Butanone	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	1,4-Dioxane	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	1,1,2-Trichlorotrifluoroethane	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB	VL004996.D	1,1-Dichloroethene	apatel	3/8/2008	sam	3/8/2008	Peak

RPT				8:21:16 AM		10:57:40 AM	Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	Isopropyl Alcohol	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	Vinyl Chloride	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	Bromomethane	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VL004996.D	Propene	apatel	3/8/2008 8:21:16 AM	sam	3/8/2008 10:57:40 AM	Peak Integrated by Software incorrectly
BSL0306A	VL004998.D	m/p-Xylene	mmdadoda	3/8/2008 9:38:41 AM	sam	3/8/2008 10:57:46 AM	Peak Integrated by Software incorrectly

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
BSL0306A1	VL004999.D	m/p-Xylene	mmdadoda	3/8/2008 9:38:48 AM	sam	3/8/2008 11:05:51 AM	Peak Integrated by Software incorrectly
BSL0306A1	VL005000.D	m/p-Xylene	mmdadoda	3/8/2008 9:38:59 AM	sam	3/8/2008 10:57:50 AM	Peak Integrated by Software incorrectly
QC0.0408 CAN 10404	VL005006.D	2-Butanone	mmdadoda	3/8/2008 9:39:08 AM	sam	3/8/2008 10:57:54 AM	Peak Integrated by Software incorrectly
Z1583-03 10X	VL005009.D	Acetone	mmdadoda	3/8/2008 9:39:16 AM	sam	3/8/2008 10:57:59 AM	Peak Integrated by Software incorrectly
Z1583-04 10X	VL005010.D	Heptane	mmdadoda	3/8/2008 9:39:23 AM	sam	3/8/2008 11:05:04 AM	Peak Integrated by Software incorrectly
Z1583-04 10X	VL005010.D	Acetone	mmdadoda	3/8/2008 9:39:23 AM	sam	3/8/2008 11:05:04 AM	Peak Integrated by Software incorrectly
Z1583-04 10X	VL005010.D	Tetrachloroethene	mmdadoda	3/8/2008 9:39:23	sam	3/8/2008 11:05:04	Peak Integrated by

				AM		AM	Software incorrectly
Z1583-05 10X	VL005011.D	Acetone	mmdadoda	3/8/2008 9:39:31 AM	sam	3/8/2008 11:05:09 AM	Peak Integrated by Software incorrectly

E. Additional Comments:

The Initial Calibration met the requirements except for Methylene Chloride.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ Name: Mildred V. Reyes

Date: _____ Title: QA/QC

Method Detection Limit (MDL) Determination EQ Quality Assurance (MDLs)

Parameter(s): TO-15
Analysis Method: TO-15
Prep Method:

Matrix: AIR
Instrument: MSVOA L
Analyst: Sam

Analytes	Units: ppbv							Spike Amount ppbv	t value	MDL ppbv
	Replicate Number									
	1	2	3	4	5	6	7			
	VL000355.D	VL000356.D	VL000357.D	VL000358.D	VL000359.D	VL000360.D	VL000361.D			
Dichlorodifluoromethane	0.1	0.11	0.11	0.1	0.11	0.11	0.1	0.10000	3.14300	0.0168
Chloromethane	0.13	0.13	0.14	0.13	0.15	0.14	0.13	0.10000	3.14300	0.0247
Vinyl Chloride	0.11	0.11	0.12	0.11	0.12	0.12	0.1	0.10000	3.14300	0.0238
Bromomethane	0.11	0.11	0.12	0.11	0.12	0.12	0.1	0.10000	3.14300	0.0238
Chloroethane	0.12	0.12	0.13	0.13	0.13	0.13	0.12	0.10000	3.14300	0.0168
Dichlorotetrafluoroethane	0.11	0.11	0.11	0.1	0.12	0.11	0.1	0.10000	3.14300	0.0217
Propene	0.19	0.18	0.18	0.18	0.19	0.17	0.18	0.10000	3.14300	0.0217
Heptane	0.09	0.09	0.1	0.1	0.1	0.11	0.09	0.10000	3.14300	0.0238
Trichlorofluoromethane	0.12	0.1	0.12	0.11	0.12	0.11	0.1	0.10000	3.14300	0.0283
1,1,2-Trichlorotrifluoroethane	0.11	0.1	0.12	0.11	0.12	0.11	0.1	0.10000	3.14300	0.0257
Ethanol	0.2	0.19	0.24	0.23	0.24	0.25	0.27	0.10000	3.14300	0.0878
Bromoethane	0.1	0.11	0.1	0.09	0.11	0.11	0.1	0.10000	3.14300	0.0238
Acetone	0.31	0.34	0.33	0.36	0.37	0.35	0.3	0.10000	3.14300	0.0806
1,3-Butadiene	0.11	0.13	0.14	0.14	0.14	0.12	0.13	0.10000	3.14300	0.0363
tert-Butyl alcohol	0.18	0.15	0.18	0.15	0.11	0.13	0.15	0.10000	3.14300	0.0791
1,1-Dichloroethene	0.12	0.11	0.12	0.12	0.12	0.11	0.1	0.10000	3.14300	0.0247
Isopropyl Alcohol	0.14	0.13	0.18	0.16	0.16	0.14	0.14	0.10000	3.14300	0.0544
Methylene Chloride	0.14	0.14	0.15	0.14	0.15	0.14	0.14	0.10000	3.14300	0.0153
Allyl Chloride	0.14	0.11	0.15	0.13	0.1	0.12	0.15	0.10000	3.14300	0.0613
trans-1,2-Dichloroethene	0.11	0.11	0.12	0.12	0.13	0.11	0.1	0.10000	3.14300	0.0307
Vinyl Acetate	0.15	0.19	0.18	0.15	0.2	0.11	0.15	0.10000	3.14300	0.0968
1,1-Dichloroethane	0.13	0.12	0.14	0.12	0.13	0.13	0.12	0.10000	3.14300	0.0238
Ethyl Acetate	0.2	0.19	0.19	0.17	0.16	0.18	0.2	0.10000	3.14300	0.0475
Hexane	0.11	0.1	0.12	0.11	0.12	0.11	0.1	0.10000	3.14300	0.0257
Carbon Disulfide	0.08	0.08	0.09	0.08	0.09	0.08	0.08	0.10000	3.14300	0.0153
Methyl tert-Butyl Ether	0.11	0.11	0.12	0.11	0.12	0.12	0.11	0.10000	3.14300	0.0168
Chloroform	0.1	0.1	0.12	0.1	0.12	0.1	0.1	0.10000	3.14300	0.0307
Cyclohexane	0.12	0.12	0.12	0.11	0.12	0.12	0.12	0.10000	3.14300	0.0119

Method Detection Limit (MDL) Determination (continued)
E:\Quality Assurance\MDLs\

Parameter(s): TO-15
Analysis Method: TO-15
Prep Method:

Matrix: AIR
Instrument: MSVOA L
Analyst: Sam

Analytes	Units: ppbv							Spike Amount ppbv	t value	MDL ppbv
	1	2	3	4	5	6	7			
	VL000355.D	VL000356.D	VL000357.D	VL000358.D	VL000359.D	VL000360.D	VL000361.D			
cis-1,2-Dichloroethene	0.12	0.11	0.13	0.11	0.13	0.12	0.1	0.10000	3.14300	0.0350
1,1,1-Trichloroethane	0.09	0.09	0.09	0.1	0.09	0.1	0.08	0.10000	3.14300	0.0217
2-Butanone	0.26	0.26	0.26	0.21	0.18	0.24	0.26	0.10000	3.14300	0.1001
Carbon Tetrachloride	0.11	0.1	0.11	0.11	0.11	0.11	0.1	0.10000	3.14300	0.0168
Benzene	0.15	0.13	0.16	0.13	0.13	0.13	0.12	0.10000	3.14300	0.0439
1,2-Dichloroethane	0.14	0.13	0.16	0.14	0.13	0.15	0.11	0.10000	3.14300	0.0504
Trichloroethene	0.13	0.12	0.14	0.12	0.1	0.12	0.11	0.10000	3.14300	0.0406
1,2-Dichloropropane	0.17	0.16	0.15	0.15	0.15	0.15	0.12	0.10000	3.14300	0.0480
1,4-Dioxane	0.1	0.1	0.12	0.11	0.08	0.1	0.08	0.10000	3.14300	0.0460
Tetrahydrofuran	0.18	0.22	0.19	0.2	0.23	0.23	0.16	0.10000	3.14300	0.0840
Bromodichloromethane	0.12	0.11	0.15	0.1	0.12	0.11	0.11	0.10000	3.14300	0.0504
Methyl Methacrylate	0.2	0.18	0.2	0.15	0.16	0.17	0.16	0.10000	3.14300	0.0625
2,2,4-Trimethylpentane	0.11	0.1	0.12	0.1	0.1	0.11	0.1	0.10000	3.14300	0.0247
1,1,3-Dichloropropene	0.09	0.09	0.11	0.08	0.09	0.09	0.05	0.10000	3.14300	0.0570
cis-1,3-Dichloropropene	0.1	0.11	0.12	0.08	0.11	0.09	0.08	0.10000	3.14300	0.0495
1,1,2-Trichloroethane	0.14	0.13	0.16	0.13	0.12	0.14	0.12	0.10000	3.14300	0.0439
Dibromochloromethane	0.08	0.08	0.08	0.07	0.07	0.09	0.09	0.10000	3.14300	0.0257
Bromoform	0.05	0.04	0.05	0.04	0.04	0.04	0.04	0.10000	3.14300	0.0153
4-Methyl-2-Pentanone	0.15	0.14	0.13	0.12	0.11	0.14	0.11	0.10000	3.14300	0.0495
2-Hexanone	0.16	0.2	0.2	0.16	0.13	0.22	0.18	0.10000	3.14300	0.0968
Tetrachloroethene	0.09	0.1	0.13	0.09	0.11	0.12	0.1	0.10000	3.14300	0.0475
Toluene	0.12	0.11	0.13	0.11	0.1	0.14	0.1	0.10000	3.14300	0.0475
1,2-Dibromoethane	0.15	0.16	0.06	0.12	0.11	0.11	0.05	0.10000	3.14300	0.1301
Chlorobenzene	0.12	0.12	0.13	0.11	0.12	0.13	0.11	0.10000	3.14300	0.0257
Ethyl Benzene	0.09	0.09	0.1	0.09	0.09	0.09	0.08	0.10000	3.14300	0.0181
m/p-Xylene	0.2	0.19	0.2	0.19	0.19	0.18	0.16	0.20000	3.14300	0.0434
o-Xylene	0.1	0.1	0.1	0.09	0.09	0.09	0.08	0.10000	3.14300	0.0238
Styrene	0.12	0.12	0.09	0.08	0.08	0.09	0.07	0.10000	3.14300	0.0621
1,1,2,2-Tetrachloroethane	0.08	0.08	0.09	0.08	0.09	0.09	0.07	0.10000	3.14300	0.0238
Benzyl Chloride	0.03	0.04	0.04	0.04	0.03	0.03	0.02	0.10000	3.14300	0.0238
2-Chlorotoluene	0.16	0.16	0.16	0.14	0.14	0.15	0.13	0.10000	3.14300	0.0382
4-Ethyltoluene	0.07	0.06	0.07	0.05	0.06	0.06	0.05	0.10000	3.14300	0.0257
1,3,5-Trimethylbenzene	0.09	0.09	0.1	0.07	0.08	0.08	0.07	0.10000	3.14300	0.0350
1,2,4-Trimethylbenzene	0.12	0.12	0.12	0.11	0.11	0.11	0.1	0.10000	3.14300	0.0238

Method Detection Limit (MDL) Determination (continued)

E:Quality Assurance\MDLs\

Parameter(s): TO-15 Matrix: AIR
 Analysis Method: TO-15 Instrument: MSVOA L
 Prep Method: Analyst: Sam

Analytes	Units: ppbv							Spike Amount ppbv	t value	MDL ppbv
	1	2	3	4	5	6	7			
	VL000355.D	VL000356.D	VL000357.D	VL000358.D	VL000359.D	VL000360.D	VL000361.D			
1,3-Dichlorobenzene	0.08	0.08	0.07	0.08	0.07	0.07	0.07	0.10000	3.14300	0.0168
1,4-Dichlorobenzene	0.09	0.07	0.07	0.08	0.07	0.07	0.08	0.10000	3.14300	0.0247
1,2-Dichlorobenzene	0.08	0.08	0.07	0.06	0.07	0.07	0.07	0.10000	3.14300	0.0217
Hexachloro-1,3-Butadiene	0.08	0.08	0.09	0.07	0.08	0.09	0.08	0.10000	3.14300	0.0217
1,2,4-Trichlorobenzene	0.1	0.08	0.07	0.08	0.07	0.07	0.07	0.10000	3.14300	0.0350

Project:
Field ID Number:
Laboratory ID Number:

TARGET ANALYTES -
AIR RESULTS

Sampling Date:
Analysis Date:

Sample ID		SS-3					
Lab Sample Number		Z1583-01					
Sampling Date		03/04/08					
Matrix		AIR					
Dilution Factor		10.0					
XX							
Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
Dichlorodifluoromethane	75-71-8	120.9	0.170	U	0.84		
tert-butyl alcohol	75-65-0	74.12	0.790	U	2.39		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.250	U	0.52		
Vinyl chloride	75-01-4	62.50	0.240	U	0.61		
Bromoethene	593-60-2	106.9	0.240	U	1.05		
Chloroethane	75-00-3	64.52	0.170	U	0.45		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.280	U	1.57		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.220	U	1.54		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	187.4	0.260	U	1.99		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.240	U	0.93		
n-Heptane	142-82-5	100.2	1.6	J	6.56		
1,1-Dichloroethene	75-35-4	96.94	0.250	U	0.99		
Acetone (2-propanone)	67-64-1	58.08	11	B	26.13		
Carbon disulfide	75-15-0	76.14	0.150	U	0.47		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.170	U	0.61		
Methylene chloride	75-09-2	84.94	1.3	J	4.52		
3-Chloropropene (allyl chloride)	107-05-1	76.53	0.610	U	1.91		
1,2-Dichloroethene (trans)	156-60-5	96.94	0.310	U	1.23		
1,1-Dichloroethane	75-34-3	98.96	0.240	U	0.97		
Cyclohexane	110-82-7	84.16	0.120	U	0.41		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	1.0	U	2.95		
Carbon tetrachloride	56-23-5	153.8	0.170	U	1.07		
1,2-Dichloroethene (cis)	156-59-2	96.94	12		47.58		
Chloroform	67-66-3	119.4	0.310	U	1.51		
1,4 Dioxane	123-91-1	133	0.460	U	2.50		
1,1,1-Trichloroethane	71-55-6	133.4	0.220	U	1.20		
Tetrahydrofuran	109-99-9	154	0.840	U	5.29		
2,2,4-Trimethylpentane	540-84-1	114.2	0.250	U	1.17		
Benzene	71-43-2	78.11	1.0	J	3.19		
1,2-Dichloroethane	107-06-2	98.96	0.500	U	2.02		
Trichloroethene (TCE)	79-01-6	131.4	33		177.35		
1,2-Dichloropropane	78-87-5	113.0	0.480	U	2.22		
Bromodichloromethane	75-27-4	163.8	0.500	U	3.35		

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Sample ID		SS-3					
Lab Sample Number		Z1583-01					
Sampling Date		03/04/08					
Matrix		AIR					
Dilution Factor		10.0					
xx							
Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	0.500	U	2.05		
Toluene	108-88-3	92.14	1.1	J	4.15		
trans-1,3-Dichloropropene	10061-02-6	111.0	0.570	U	2.59		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.500	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.440	U	2.40		
Dibromochloromethane	124-48-1	208.3	0.260	U	2.22		
1,2-Dibromoethane	106-93-4	187.9	1.3	U	9.99		
Tetrachloroethene (PCE)	127-18-4	165.8	0.480	U	3.25		
Chlorobenzene	108-90-7	112.6	0.260	U	1.20		
Ethylbenzene	100-41-4	106.2	2.4	J	10.42		
Xylenes (m&p)	126777-61-2	106.2	0.430	U	1.87		
Xylenes (o)	95-47-6	106.2	0.240	U	1.04		
Styrene	100-42-5	104.1	2.6	J	11.07		
Bromoform	75-25-2	252.8	0.150	U	1.55		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.240	U	1.65		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.350	U	1.72		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.240	U	1.18		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.260	U	1.28		
1,3-Dichlorobenzene	541-73-1	147.0	0.170	U	1.02		
1,4-Dichlorobenzene	106-46-7	147.0	0.250	U	1.50		
1,2-Dichlorobenzene	95-50-1	147.0	0.220	U	1.32		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.350	U	2.60		
Hexachlorobutadiene	87-68-3	260.8	0.220	U	2.35		
1,3-Butadiene	106-99-0	54.09	0.360	U	0.80		
n-Hexane	110-54-3	86.17	0.260	U	0.92		
Methyl methacrylate	80-62-6	100.117	0.630	U	2.58		
2-Chlorotoluene	95-49-8	126.58	0.380	U	1.97		

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Sample ID		SS-4					
Lab Sample Number		Z1583-02					
Sampling Date		03/04/08					
Matrix		AIR					
Dilution Factor		1.0					
XX							
Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
Dichlorodifluoromethane	75-71-8	120.9	0.5		2.47		
tert-butyl alcohol	75-65-0	74.12	0.079	U	0.24		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.6		1.24		
Vinyl chloride	75-01-4	62.50	0.024	U	0.06		
Bromoethene	593-60-2	106.9	0.024	U	0.10		
Chloroethane	75-00-3	64.52	0.017	U	0.04		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.3	J	1.69		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.022	U	0.15		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	187.4	0.026	U	0.20		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.024	U	0.09		
n-Heptane	142-82-5	100.2	1.4		5.74		
1,1-Dichloroethene	75-35-4	96.94	0.025	U	0.10		
Acetone (2-propanone)	67-64-1	58.08	5.2	B	12.35		
Carbon disulfide	75-15-0	76.14	0.4	J	1.25		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.017	U	0.06		
Methylene chloride	75-09-2	84.94	0.4	J	1.39		
3-Chloropropene (allyl chloride)	107-05-1	76.53	0.061	U	0.19		
1,2-Dichloroethene (trans)	156-60-5	96.94	0.031	U	0.12		
1,1-Dichloroethane	75-34-3	98.96	0.024	U	0.10		
Cyclohexane	110-82-7	84.16	0.6		2.07		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	0.4	J	1.18		
Carbon tetrachloride	56-23-5	153.8	0.09		0.57		
1,2-Dichloroethene (cis)	156-59-2	96.94	0.035	U	0.14		
Chloroform	67-66-3	119.4	0.031	U	0.15		
1,4 Dioxane	123-91-1	133	0.046	U	0.25		
1,1,1-Trichloroethane	71-55-6	133.4	0.022	U	0.12		
Tetrahydrofuran	109-99-9	154	0.084	U	0.53		
2,2,4-Trimethylpentane	540-84-1	114.2	0.7		3.27		
Benzene	71-43-2	78.11	1.9		6.07		
1,2-Dichloroethane	107-06-2	98.96	0.050	U	0.20		
Trichloroethene (TCE)	79-01-6	131.4	0.230		1.24		
1,2-Dichloropropane	78-87-5	113.0	0.048	U	0.22		
Bromodichloromethane	75-27-4	163.8	0.050	U	0.33		

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Sample ID		SS-4					
Lab Sample Number		Z1583-02					
Sampling Date		03/04/08					
Matrix		AIR					
Dilution Factor		1.0					
xx							
Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	0.2	J	0.82		
Toluene	108-88-3	92.14	13		48.99		
trans-1,3-Dichloropropene	10061-02-6	111.0	0.057	U	0.26		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.050	U	0.23		
1,1,2-Trichloroethane	79-00-5	133.4	0.044	U	0.24		
Dibromochloromethane	124-48-1	208.3	0.026	U	0.22		
1,2-Dibromoethane	106-93-4	187.9	0.130	U	1.00		
Tetrachloroethene (PCE)	127-18-4	165.8	0.2	J	1.36		
Chlorobenzene	108-90-7	112.6	0.026	U	0.12		
Ethylbenzene	100-41-4	106.2	0.7		3.04		
Xylenes (m&p)	126777-61-2	106.2	0.9		3.91		
Xylenes (o)	95-47-6	106.2	0.3	J	1.30		
Styrene	100-42-5	104.1	0.2	J	0.85		
Bromoform	75-25-2	252.8	0.015	U	0.16		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.024	U	0.16		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.2	J	0.98		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.5	J	2.46		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.1	J	0.49		
1,3-Dichlorobenzene	541-73-1	147.0	0.017	U	0.10		
1,4-Dichlorobenzene	106-46-7	147.0	0.025	U	0.15		
1,2-Dichlorobenzene	95-50-1	147.0	0.022	U	0.13		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.035	U	0.26		
Hexachlorobutadiene	87-68-3	260.8	0.022	U	0.23		
1,3-Butadiene	106-99-0	54.09	0.036	U	0.08		
n-Hexane	110-54-3	86.17	4.4		15.51		
Methyl methacrylate	80-62-6	100.117	0.063	U	0.26		
2-Chlorotoluene	95-49-8	126.58	0.038	U	0.20		

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Sample ID		SS-1					
Lab Sample Number		Z1583-03					
Sampling Date		03/04/08					
Matrix		AIR					
Dilution Factor		10.0					
XX							
Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
Dichlorodifluoromethane	75-71-8	120.9	0.170	U	0.84		
tert-butyl alcohol	75-65-0	74.12	0.790	U	2.39		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.250	U	0.52		
Vinyl chloride	75-01-4	62.50	0.240	U	0.61		
Bromoethene	593-60-2	106.9	0.240	U	1.05		
Chloroethane	75-00-3	64.52	0.170	U	0.45		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.280	U	1.57		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.220	U	1.54		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	187.4	0.260	U	1.99		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.240	U	0.93		
n-Heptane	142-82-5	100.2	0.240	U	0.98		
1,1-Dichloroethene	75-35-4	96.94	0.250	U	0.99		
Acetone (2-propanone)	67-64-1	58.08	5.1	B	12.11		
Carbon disulfide	75-15-0	76.14	0.150	U	0.47		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.170	U	0.61		
Methylene chloride	75-09-2	84.94	1.3	J	4.52		
3-Chloropropene (allyl chloride)	107-05-1	76.53	0.610	U	1.91		
1,2-Dichloroethene (trans)	156-60-5	96.94	0.310	U	1.23		
1,1-Dichloroethane	75-34-3	98.96	1.3	J	5.26		
Cyclohexane	110-82-7	84.16	0.120	U	0.41		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	1.0	U	2.95		
Carbon tetrachloride	56-23-5	153.8	0.170	U	1.07		
1,2-Dichloroethene (cis)	156-59-2	96.94	54		214.10		
Chloroform	67-66-3	119.4	0.310	U	1.51		
1,4 Dioxane	123-91-1	133	0.460	U	2.50		
1,1,1-Trichloroethane	71-55-6	133.4	3.9	J	21.28		
Tetrahydrofuran	109-99-9	154	0.840	U	5.29		
2,2,4-Trimethylpentane	540-84-1	114.2	0.250	U	1.17		
Benzene	71-43-2	78.11	0.440	U	1.41		
1,2-Dichloroethane	107-06-2	98.96	0.500	U	2.02		
Trichloroethene (TCE)	79-01-6	131.4	48		257.96		
1,2-Dichloropropane	78-87-5	113.0	0.480	U	2.22		
Bromodichloromethane	75-27-4	163.8	0.500	U	3.35		

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Sample ID		SS-1					
Lab Sample Number		Z1583-03					
Sampling Date		03/04/08					
Matrix		AIR					
Dilution Factor		10.0					
xx							
Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	0.500	U	2.05		
Toluene	108-88-3	92.14	1.0	J	3.77		
trans-1,3-Dichloropropene	10061-02-6	111.0	0.570	U	2.59		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.500	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.440	U	2.40		
Dibromochloromethane	124-48-1	208.3	0.260	U	2.22		
1,2-Dibromoethane	106-93-4	187.9	1.3	U	9.99		
Tetrachloroethene (PCE)	127-18-4	165.8	0.480	U	3.25		
Chlorobenzene	108-90-7	112.6	0.260	U	1.20		
Ethylbenzene	100-41-4	106.2	0.180	U	0.78		
Xylenes (m&p)	126777-61-2	106.2	0.430	U	1.87		
Xylenes (o)	95-47-6	106.2	0.240	U	1.04		
Styrene	100-42-5	104.1	0.620	U	2.64		
Bromoform	75-25-2	252.8	0.150	U	1.55		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.240	U	1.65		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.350	U	1.72		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.240	U	1.18		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.260	U	1.28		
1,3-Dichlorobenzene	541-73-1	147.0	0.170	U	1.02		
1,4-Dichlorobenzene	106-46-7	147.0	0.250	U	1.50		
1,2-Dichlorobenzene	95-50-1	147.0	0.220	U	1.32		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.350	U	2.60		
Hexachlorobutadiene	87-68-3	260.8	0.220	U	2.35		
1,3-Butadiene	106-99-0	54.09	0.360	U	0.80		
n-Hexane	110-54-3	86.17	0.260	U	0.92		
Methyl methacrylate	80-62-6	100.117	0.630	U	2.58		
2-Chlorotoluene	95-49-8	126.58	0.380	U	1.97		

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Sample ID		SS-2					
Lab Sample Number		Z1583-04					
Sampling Date		03/04/08					
Matrix		AIR					
Dilution Factor		10.0					
XX							
Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
Dichlorodifluoromethane	75-71-8	120.9	0.170	U	0.84		
tert-butyl alcohol	75-65-0	74.12	0.790	U	2.39		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.250	U	0.52		
Vinyl chloride	75-01-4	62.50	4.0	J	10.22		
Bromoethene	593-60-2	106.9	0.240	U	1.05		
Chloroethane	75-00-3	64.52	0.170	U	0.45		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.280	U	1.57		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.220	U	1.54		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	187.4	0.260	U	1.99		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.240	U	0.93		
n-Heptane	142-82-5	100.2	2.5	J	10.25		
1,1-Dichloroethene	75-35-4	96.94	2.2	J	8.72		
Acetone (2-propanone)	67-64-1	58.08	6.0	B	14.25		
Carbon disulfide	75-15-0	76.14	0.150	U	0.47		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.170	U	0.61		
Methylene chloride	75-09-2	84.94	6.7		23.28		
3-Chloropropene (allyl chloride)	107-05-1	76.53	0.610	U	1.91		
1,2-Dichloroethene (trans)	156-60-5	96.94	2.3	J	9.12		
1,1-Dichloroethane	75-34-3	98.96	1.8	J	7.29		
Cyclohexane	110-82-7	84.16	0.120	U	0.41		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	1.4	J	4.13		
Carbon tetrachloride	56-23-5	153.8	0.170	U	1.07		
1,2-Dichloroethene (cis)	156-59-2	96.94	200	E	792.97		
Chloroform	67-66-3	119.4	0.310	U	1.51		
1,4 Dioxane	123-91-1	133	0.460	U	2.50		
1,1,1-Trichloroethane	71-55-6	133.4	1.1	J	6.00		
Tetrahydrofuran	109-99-9	154	0.840	U	5.29		
2,2,4-Trimethylpentane	540-84-1	114.2	0.250	U	1.17		
Benzene	71-43-2	78.11	5.8		18.53		
1,2-Dichloroethane	107-06-2	98.96	0.500	U	2.02		
Trichloroethene (TCE)	79-01-6	131.4	120		644.91		
1,2-Dichloropropane	78-87-5	113.0	0.480	U	2.22		
Bromodichloromethane	75-27-4	163.8	0.500	U	3.35		

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Sample ID		SS-2					
Lab Sample Number		Z1583-04					
Sampling Date		03/04/08					
Matrix		AIR					
Dilution Factor		10.0					
xx							
Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	0.500	U	2.05		
Toluene	108-88-3	92.14	5.9		22.23		
trans-1,3-Dichloropropene	10061-02-6	111.0	0.570	U	2.59		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.500	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.440	U	2.40		
Dibromochloromethane	124-48-1	208.3	0.260	U	2.22		
1,2-Dibromoethane	106-93-4	187.9	1.3	U	9.99		
Tetrachloroethene (PCE)	127-18-4	165.8	1.7	J	11.53		
Chlorobenzene	108-90-7	112.6	0.260	U	1.20		
Ethylbenzene	100-41-4	106.2	1.2	J	5.21		
Xylenes (m&p)	126777-61-2	106.2	1.4	J	6.08		
Xylenes (o)	95-47-6	106.2	0.240	U	1.04		
Styrene	100-42-5	104.1	1.7	J	7.24		
Bromoform	75-25-2	252.8	0.150	U	1.55		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.240	U	1.65		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.350	U	1.72		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.240	U	1.18		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.260	U	1.28		
1,3-Dichlorobenzene	541-73-1	147.0	0.170	U	1.02		
1,4-Dichlorobenzene	106-46-7	147.0	0.250	U	1.50		
1,2-Dichlorobenzene	95-50-1	147.0	0.220	U	1.32		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.350	U	2.60		
Hexachlorobutadiene	87-68-3	260.8	0.220	U	2.35		
1,3-Butadiene	106-99-0	54.09	0.360	U	0.80		
n-Hexane	110-54-3	86.17	0.260	U	0.92		
Methyl methacrylate	80-62-6	100.117	0.630	U	2.58		
2-Chlorotoluene	95-49-8	126.58	0.380	U	1.97		

Project:
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TARGET ANALYTES -
AIR RESULTS

Sampling Date:
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Sample ID		SS-2DL					
Lab Sample Number		Z1583-04DL					
Sampling Date		03/04/08					
Matrix		AIR					
Dilution Factor		20.0					
XX							
Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
Dichlorodifluoromethane	75-71-8	120.9	0.340	U	1.68		
tert-butyl alcohol	75-65-0	74.12	1.6	U	4.85		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.490	U	1.01		
Vinyl chloride	75-01-4	62.50	5.8	JD	14.83		
Bromoethene	593-60-2	106.9	0.480	U	2.10		
Chloroethane	75-00-3	64.52	0.340	U	0.90		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.570	U	3.20		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.430	U	3.01		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	187.4	0.510	U	3.91		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.480	U	1.86		
n-Heptane	142-82-5	100.2	4.0	JD	16.39		
1,1-Dichloroethene	75-35-4	96.94	3.0	JD	11.89		
Acetone (2-propanone)	67-64-1	58.08	29	DB	68.89		
Carbon disulfide	75-15-0	76.14	0.310	U	0.97		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.340	U	1.23		
Methylene chloride	75-09-2	84.94	18	D	62.53		
3-Chloropropene (allyl chloride)	107-05-1	76.53	1.2	U	3.76		
1,2-Dichloroethene (trans)	156-60-5	96.94	2.8	JD	11.10		
1,1-Dichloroethane	75-34-3	98.96	2.2	JD	8.90		
Cyclohexane	110-82-7	84.16	0.240	U	0.83		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	2.0	U	5.90		
Carbon tetrachloride	56-23-5	153.8	0.340	U	2.14		
1,2-Dichloroethene (cis)	156-59-2	96.94	270	D	1,070.50		
Chloroform	67-66-3	119.4	0.610	U	2.98		
1,4 Dioxane	123-91-1	133	0.920	U	5.00		
1,1,1-Trichloroethane	71-55-6	133.4	0.430	U	2.35		
Tetrahydrofuran	109-99-9	154	1.7	U	10.71		
2,2,4-Trimethylpentane	540-84-1	114.2	0.490	U	2.29		
Benzene	71-43-2	78.11	8.8	JD	28.11		
1,2-Dichloroethane	107-06-2	98.96	1.0	U	4.05		
Trichloroethene (TCE)	79-01-6	131.4	160	D	859.88		
1,2-Dichloropropane	78-87-5	113.0	0.960	U	4.44		
Bromodichloromethane	75-27-4	163.8	1.0	U	6.70		

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Sample ID		SS-2DL					
Lab Sample Number		Z1583-04DL					
Sampling Date		03/04/08					
Matrix		AIR					
Dilution Factor		20.0					
xx							
Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	0.990	U	4.06		
Toluene	108-88-3	92.14	9.4	JD	35.42		
trans-1,3-Dichloropropene	10061-02-6	111.0	1.1	U	4.99		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.990	U	4.49		
1,1,2-Trichloroethane	79-00-5	133.4	0.880	U	4.80		
Dibromochloromethane	124-48-1	208.3	0.510	U	4.34		
1,2-Dibromoethane	106-93-4	187.9	2.6	U	19.98		
Tetrachloroethene (PCE)	127-18-4	165.8	2.6	JD	17.63		
Chlorobenzene	108-90-7	112.6	0.510	U	2.35		
Ethylbenzene	100-41-4	106.2	3.4	JD	14.77		
Xylenes (m&p)	126777-61-2	106.2	3.6	JD	15.64		
Xylenes (o)	95-47-6	106.2	0.480	U	2.08		
Styrene	100-42-5	104.1	3.6	JD	15.33		
Bromoform	75-25-2	252.8	0.310	U	3.21		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.480	U	3.30		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.700	U	3.44		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.480	U	2.36		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.510	U	2.51		
1,3-Dichlorobenzene	541-73-1	147.0	0.340	U	2.04		
1,4-Dichlorobenzene	106-46-7	147.0	0.490	U	2.95		
1,2-Dichlorobenzene	95-50-1	147.0	0.430	U	2.59		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.700	U	5.20		
Hexachlorobutadiene	87-68-3	260.8	0.430	U	4.59		
1,3-Butadiene	106-99-0	54.09	0.730	U	1.61		
n-Hexane	110-54-3	86.17	15	D	52.87		
Methyl methacrylate	80-62-6	100.117	1.3	U	5.32		
2-Chlorotoluene	95-49-8	126.58	0.760	U	3.93		

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TARGET ANALYTES -
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Sampling Date:
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Sample ID		SS-DUP					
Lab Sample Number		Z1583-05					
Sampling Date		03/04/08					
Matrix		AIR					
Dilution Factor		10.0					
XX							
Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
Dichlorodifluoromethane	75-71-8	120.9	0.170	U	0.84		
tert-butyl alcohol	75-65-0	74.12	0.790	U	2.39		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.250	U	0.52		
Vinyl chloride	75-01-4	62.50	0.240	U	0.61		
Bromoethene	593-60-2	106.9	0.240	U	1.05		
Chloroethane	75-00-3	64.52	0.170	U	0.45		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.280	U	1.57		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.220	U	1.54		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	187.4	0.260	U	1.99		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.240	U	0.93		
n-Heptane	142-82-5	100.2	0.240	U	0.98		
1,1-Dichloroethene	75-35-4	96.94	0.250	U	0.99		
Acetone (2-propanone)	67-64-1	58.08	4.8	JB	11.40		
Carbon disulfide	75-15-0	76.14	0.150	U	0.47		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.170	U	0.61		
Methylene chloride	75-09-2	84.94	1.5	J	5.21		
3-Chloropropene (allyl chloride)	107-05-1	76.53	0.610	U	1.91		
1,2-Dichloroethene (trans)	156-60-5	96.94	0.310	U	1.23		
1,1-Dichloroethane	75-34-3	98.96	1.5	J	6.07		
Cyclohexane	110-82-7	84.16	0.120	U	0.41		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	1.0	U	2.95		
Carbon tetrachloride	56-23-5	153.8	0.170	U	1.07		
1,2-Dichloroethene (cis)	156-59-2	96.94	57		226.00		
Chloroform	67-66-3	119.4	0.310	U	1.51		
1,4 Dioxane	123-91-1	133	0.460	U	2.50		
1,1,1-Trichloroethane	71-55-6	133.4	4.1	J	22.37		
Tetrahydrofuran	109-99-9	154	0.840	U	5.29		
2,2,4-Trimethylpentane	540-84-1	114.2	0.250	U	1.17		
Benzene	71-43-2	78.11	1.1	J	3.51		
1,2-Dichloroethane	107-06-2	98.96	0.500	U	2.02		
Trichloroethene (TCE)	79-01-6	131.4	53		284.83		
1,2-Dichloropropane	78-87-5	113.0	0.480	U	2.22		
Bromodichloromethane	75-27-4	163.8	0.500	U	3.35		

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Sample ID		SS-DUP					
Lab Sample Number		Z1583-05					
Sampling Date		03/04/08					
Matrix		AIR					
Dilution Factor		10.0					
xx							
Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	0.500	U	2.05		
Toluene	108-88-3	92.14	0.480	U	1.81		
trans-1,3-Dichloropropene	10061-02-6	111.0	0.570	U	2.59		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.500	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.440	U	2.40		
Dibromochloromethane	124-48-1	208.3	0.260	U	2.22		
1,2-Dibromoethane	106-93-4	187.9	1.3	U	9.99		
Tetrachloroethene (PCE)	127-18-4	165.8	0.480	U	3.25		
Chlorobenzene	108-90-7	112.6	0.260	U	1.20		
Ethylbenzene	100-41-4	106.2	0.180	U	0.78		
Xylenes (m&p)	126777-61-2	106.2	0.430	U	1.87		
Xylenes (o)	95-47-6	106.2	0.240	U	1.04		
Styrene	100-42-5	104.1	0.620	U	2.64		
Bromoform	75-25-2	252.8	0.150	U	1.55		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.240	U	1.65		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.350	U	1.72		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.240	U	1.18		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.260	U	1.28		
1,3-Dichlorobenzene	541-73-1	147.0	0.170	U	1.02		
1,4-Dichlorobenzene	106-46-7	147.0	0.250	U	1.50		
1,2-Dichlorobenzene	95-50-1	147.0	0.220	U	1.32		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.350	U	2.60		
Hexachlorobutadiene	87-68-3	260.8	0.220	U	2.35		
1,3-Butadiene	106-99-0	54.09	0.360	U	0.80		
n-Hexane	110-54-3	86.17	0.260	U	0.92		
Methyl methacrylate	80-62-6	100.117	0.630	U	2.58		
2-Chlorotoluene	95-49-8	126.58	0.380	U	1.97		

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