

# **REMEDIAL INVESTIGATION REPORT**

## **MORRIS PARK YARD RICHMOND HILL, NEW YORK**

Prepared For:

**Long Island Rail Road  
Jamaica, New York**

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TRC Project No. 107865-00010-0007  
LIRR Contract No. 5662-9B-4, Releases A & C

March 2009

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## 1.0 INTRODUCTION

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A remedial investigation (RI) of the Long Island Rail Road Morris Park Yard in Richmond Hill, New York (the “Site”) has been completed to delineate chlorofluorocarbons (CFCs) and the chlorinated solvents tetrachloroethene (PCE) and trichloroethene (TCE) in the unconsolidated upper aquifer. Sampling was performed in accordance with the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) approved RI Work Plan (RIWP) dated February 2006, revised figures issued in August 2006, and the Supplemental RI Work Plan (Supplemental RIWP) dated January 18, 2008. This Remedial Investigation Report (RIR) presents the findings and results of investigations at the Site and off-site locations, and represents the basis for the evaluation of remedial alternatives for the Site, as warranted.

Based on the findings of previous studies (refer to Section 3.0), the principal contaminants of concern at the Site are CFCs, PCE, and TCE. With respect to CFCs, previous reports have identified the CFCs of concern to be trichlorofluoromethane (TCFM or Freon 11), chlorodifluoromethane (CDFM or Freon 22), dichlorofluoromethane (DCFM or Freon 21), and dichlorodifluoromethane (DCDFM or Freon 12).

The principal objectives of the RI were as follows:

- Investigate potential on-site sources areas for CFCs, PCE and TCE above and below the water table (refer to Section 3.4 for a list of the specific potential source areas),
- Delineate the extent of CFCs, PCE and TCE in groundwater, confirm groundwater flow direction, and determine the elevation of the bottom of the unconsolidated aquifer (i.e., top of Gardiners Clay unit),
- Determine concentrations of CFCs, PCE and TCE in soil-gas at on-site and off-site locations, and
- Generate sufficient data for completing a qualitative exposure assessment, in accordance with NYSDEC DER-10 guidance (December 2002), and as necessary identify and evaluate appropriate remedies for CFCs, PCE, and TCE in groundwater, soil and soil vapor, including monitored natural attenuation.



In response to the results of the initial RI, additional RI activities described in the Supplemental RIWP were performed to evaluate potential upgradient sources of CFCs, PCE and TCE in the groundwater and to further investigate volatile organic compounds (VOCs) in soil vapor at the Site and in the surrounding area.

## **2.0 SITE DESCRIPTION**

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### **2.1 Site Location and Surrounding Land Use**

The Site encompasses approximately 23 acres in the Richmond Hill section of Queens, New York. The Site is bounded by the LIRR Richmond Hill Yard to the north, Atlantic Avenue to the south, 121<sup>st</sup> Street to the west, and the Van Wyck Expressway to the east. Figure 1 shows the project Site location.

The surrounding area consists of mixed residential, light industrial and commercial zones. Figure 2 shows the uses of properties in the surrounding area, and nearby sensitive receptors, such as hospitals and schools.

### **2.2 Site History and Uses**

Review of historic Sanborn Maps from 1901 to 1996 and prior reports indicates that the Site has been utilized as a railroad yard for over 100 years. Historic Sanborn Maps show the surrounding area immediately to the northeast and hydraulically upgradient of the Site was used for industrial and commercial purposes.

According to the Remedial Investigation Report by STV dated 1998, the LIRR has utilized the Site primarily to overhaul and repair diesel locomotives and diesel and electric coach cars, and to rebuild major mechanical and electrical components of equipment transported to the Site from other LIRR facilities. Historic Site uses also include periodic and routine maintenance and fueling of diesel locomotives. Many of the facility operations ceased in the early 1990s, coinciding with the opening of the LIRR's Hillside Maintenance Complex ("Hillside"), and only routine maintenance and fueling of diesel locomotives are currently performed at the Site. In January 1997, Dvirka and Bartilucci Consulting Engineers (D&B) documented the closure of two hazardous waste management units (HWMUs) at the Site relating to former paint stripping and container storage. According to the D&B report, paint stripping operations for electric cars ceased in 1990.

Buildings and structures relating to former maintenance and repair activities at the Site have been demolished since the transfer of operations to Hillside, including the following:

- Electrical car and truck shops
- Paint and air conditioning (a/c) shops

- Component shop
- West and east transfer pits
- Boiler house
- Diesel wheel and maintenance shop

In connection with several of these former structures, investigations and remediation were performed in accordance with approved NYSDEC work plans. Figure 3 shows the locations of several historic areas of concern at the Site relevant to the Remedial Investigation, which is the subject of this report.

### **2.3 Regional Geology and Hydrogeology**

The geology of Queens consists of unconsolidated glacial deposits overlying crystalline bedrock. Based on the findings of previous studies (refer to Section 3.0) and available literature (Buxton, Soren, Posner, and Shernoff, 1981), the subsurface geology in the area of the Site likely includes the following formations:

- Pleistocene upper glacial deposits (an aquifer),
- Pleistocene Gardiners Clay (a confining unit),
- Pleistocene Jameco Gravel (an aquifer),
- Possibly the Cretaceous Magothy Formation and Matwan Group (confining unit and aquifer),
- Cretaceous Raritan Formation (confining unit and aquifer), and
- Precambrian/Paleozoic metamorphic and igneous bedrock.

The upper glacial deposits at the Site consist of outwash gravels, sands and silty sands extending from land surface to the Gardiners Clay. Groundwater in the unconsolidated glacial deposits at the Site (the “Unconsolidated Upper Aquifer”) is encountered at approximately 40 feet below ground surface (bgs), and groundwater flow direction is to the southwest, toward Jamaica Bay. According to the RI report by STV (STV, 1998), the hydraulic conductivity of the Unconsolidated Upper Aquifer has been estimated at 270 feet per day.

The Gardiners Clay underlying the Unconsolidated Upper Aquifer consists of greenish-gray clays and silts, with some interbedded sands, and represents a confining layer. The Gardiners Clay at the Site is generally encountered at about 140 to 160 feet bgs. The hydraulic conductivity of this geologic unit is very low.

Based on review of previous reports, borings have not been advanced into the Gardiners Clay at the Site. According to geological literature for the area, the Magothy Formation usually underlies the Gardiners Clay and consists of very fine to coarse sands and silty sands, and supports an aquifer. In western Long Island, these geological units have been eroded, and therefore may not be beneath the Site. The Raritan Formation lies beneath the Magothy Formation and Matawan Group or, if these are not present, beneath the Gardiners Clay, and consists of an upper clay unit and a lower sand unit, known as the Lloyd Sand Member, which represents the deepest potential aquifer below the Site.

## **2.4 Water Supply Resources**

Presently, the Site and surrounding area properties do not receive water from the unconsolidated aquifer for domestic use; rather, the Site and most of Queens receive water from public reservoirs in Upstate New York that are part of the New York City reservoir system. The confined aquifers below the unconsolidated aquifer, such as the Magothy or Raritan, are used to provide drinking water to parts of Queens.

In the past, the unconsolidated aquifer in the area had been used to supply public water, from approximately 1904 to 1947, when overpumping of the aquifer resulted in saltwater intrusion (Buxton, Soren, Posner, and Shernoff, 1981). Two public water supply wells (New York City Department of Environmental Protection [NYCDEP] Well Nos. 31 and 45), screened in the upper unconsolidated aquifer, are located within one-mile of the Site. According to regulatory agency database reports prepared by Environmental Data Resources, Inc. (EDR), Well No. 31 is located adjacent to, northeast and upgradient of the Site. The NYCDEP lists Well No. 31 as “inactive” (<http://www.nyc.gov/html/dep/pdf/gwsservice07.pdf>). The regulatory agency database reports indicate that NYCDEP Well No. 45 is approximately 2,200 feet southwest and downgradient of the Site. The NYCDEP indicates that Well No. 45 was “not operated in 2007” (<http://www.nyc.gov/html/dep/pdf/gwsservice07.pdf>). The EDR regulatory agency database reports are provided in Appendix E.

### **3.0 PRIOR INVESTIGATIONS**

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A number of previous investigations by others have been completed at the Site, including: preliminary site investigations by STV and EPM (STV/EPM, 1994), testing associated with petroleum tank closures by STV and EPM (STV/EPM 1995 and STV/EPM 1998), testing associated with closures of HWMUs by D&B (D&B, 1997 and 2000), an RI of the Site by STV (STV, 1998), and groundwater sampling by LIRR of existing monitoring wells at the Site (LIRR, March, June and October 2005). The preliminary site investigation by STV and the testing associated with tank closures evaluated petroleum-related areas of concern (AOCs), and therefore do not relate to the contaminants of concern for this study. The other previous investigations are discussed further below.

#### **3.1 Site Investigations Related to the Closure of Hazardous Waste Management Units**

D&B documented the closure of two HWMUs (the Former Container Storage Area and the Former Paint Stripping Operations Area) at the Site in its initial closure report dated January 1997, and supplemental closure report dated November 2000. Groundwater sampling results indicated no detectable quantities of CFCs or TCE and only trace amounts of PCE (i.e., estimated values less than 10 parts per billion [ppb]) in the groundwater monitoring wells located downgradient of the hazardous waste management units.

#### **3.2 1996/1997 Remedial Investigation**

STV completed an RI of the Site between January 1996 and March 1997 in accordance with a NYSDEC-approved work plan, and documented the findings of the RI in a report dated May 1998. The RI by STV identified and delineated the approximate extent of CFCs in groundwater at the Site, identified CFCs in off-site wells, defined important aquifer properties (groundwater flow direction and velocity), and predicted contaminant migration rates for the CFCs. The RI did not indicate complete delineation of the extent of off-site groundwater contamination or identify on-site sources of CFCs in soil above and below the water table.

#### **3.3 LIRR Groundwater Sampling**

In 2005, LIRR performed four rounds of groundwater sampling of existing wells that could be located at the Site and off-site. Laboratory results for the 2005 groundwater sampling by LIRR showed noticeable improvements in groundwater quality with regard to CFC contamination

compared to the results of STV's 1997 study. The concentration of trichlorofluoromethane (TCFM) in off-site monitoring well MW-10-160, which previously exhibited the highest levels of TCFM, decreased from 680 micrograms per liter (µg/L) to non-detect. Groundwater samples collected from other wells also exhibited significant decreases in CFC concentrations, including samples collected from MW-1-60, MW-2-50R, MW-1-140, MW-2U-60, MW-2D-60, MW-9-60, MW-10-60, and MW-11-140.

### 3.4 Summary of Prior Investigations

Prior reports indicate that past use of the Site for maintenance of train cars involved the use of solvents and refrigerants. The prior investigations by D&B relating to the closure of the two former on-site HWMUs found no PCE or TCE in the soil above NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046 guidance values and only trace concentrations of PCE in groundwater, slightly above the NYSDEC Class GA standard. For this reason, in the February 2006 RIWP the former HWMUs are not considered a potential chlorinated solvent source area. The 1998 RI Report by STV identified elevated levels of CFCs in the groundwater in monitoring wells MW-1-60 and MW-17-60<sup>1</sup>, and a closed air conditioning shop that represented potential source areas of CFCs.

Based on review of available historic data (summarized above) and documentation regarding an abandoned sewer line, the NYSDEC-approved February 2006 RIWP identified the following areas of concern with respect to CFCs and/or chlorinated solvents.

Area of Concern	Nature of Concern
Air Conditioning Shop (closed)	Potential source area for CFCs in groundwater due to potential past Site use for maintenance of trains
Abandoned sewer line	Potential source area for CFCs and chlorinated solvents in groundwater due to potential past Site use for maintenance of trains
Area of former monitoring well MW-17-60	Potential CFCs source area based on historic CFC levels in groundwater
Area of monitoring well MW-1-60	Potential CFCs source area based on historic CFC levels in groundwater
Area of monitoring well MW-5-180	Potential chlorinated solvent source area based on historic levels of TCE and PCE in groundwater
Groundwater (on-site and off-site)	CFCs above Class GA groundwater standards and guidance values

<sup>1</sup> Monitoring well MW-17-60, which was sampled by STV in 1997, was reinstalled and renamed MW-17-50R.

## **4.0 REMEDIAL INVESTIGATION SCOPE AND METHODS**

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Following NYSDEC and NYSDOH approval of the RIWP in August 2006, TRC implemented the remedial investigation fieldwork between September and December 2006. Following NYSDEC and NYSDOH approval of the Supplemental RIWP in February 2008, TRC installed and sampled three additional upgradient monitoring wells to evaluate potential off-site sources of chlorinated solvents in groundwater and advanced and sampled 11 additional soil vapor probes to complete the characterization of volatile organic compounds (VOCs) in soil vapor on Site and in surrounding areas.

A Fish and Wildlife Resources Impact Analysis was not required, as indicated by the completed DER-10 Fish and Wildlife Resources Impact Analysis Decision Key Form (refer to Appendix A for a completed copy of this form).

### **4.1 Remedial Investigation Objectives and Scope**

The principal objectives of the RI were as follows:

- Investigate potential on-site sources areas for CFCs, PCE and TCE above and below the water table (refer to Section 3.4 for a list of the specific potential source areas),
- Delineate the extent of CFCs, PCE and TCE in groundwater, confirm groundwater flow direction, and determine depth of the bottom of the unconsolidated aquifer (i.e., top of Gardiners Clay unit),
- Determine concentrations of CFCs, PCE and TCE in soil-gas at on-site and off-site locations, and
- Generate sufficient data for completing a qualitative exposure assessment, in accordance with NYSDEC DER-10 guidance, and as necessary identify and evaluate appropriate remedies for CFCs, PCE, and TCE in groundwater, soil and soil vapor, including monitored natural attenuation.

The initial scope of work for the RI included the following:

- Advancing four soil borings and selecting soil samples from the borings for laboratory analysis to evaluate potential source areas at the Site,
- Installing, developing, and sampling 16 groundwater monitoring wells (MW-17-50R, MW-2-160R, MW-21S, MW-21D, MW-22S, MW-23S, MW-23D, MW-24S, MW-25S, MW-25D, MW-26S, MW-27D, MW-28S, MW-28D, MW-29D, and MW-30D) screened in the unconsolidated aquifer to further delineate the extent of CFCs and chlorinated solvent contamination on-Site and off-Site,
- Additionally to further delineate the extent of CFCs and chlorinated solvents, repairing, as required, and collecting for analysis, groundwater samples from 17 existing wells (MW-1-60, MW-1-140, MW-2-50R, MW-2D-60, MW-3U-60, MW-3D-60, MW-3-160, MW-5-60, MW-5-180, MW-6-168, MW-8-60, MW-8-150, MW-9-60, MW-10-60, MW-10-160, MW-11-60, and MW-12-60) on-Site and off-Site,
- Advancing 14 on-Site and off-Site permanent probes (SG-1 through SG-14), and collecting soil vapor samples for laboratory analysis to determine the concentrations of CFCs and chlorinated solvents in soil gas, and
- Collecting geologic and hydrogeologic data.

Except for sampling of one proposed deep, off-site monitoring well, MW-24D, TRC implemented the scope of work proposed in the approved RIWP. Monitoring well MW-24D was damaged during well development and therefore was not utilized for groundwater sampling. As explained further in this report, sampling of nearby monitoring wells adequately delineated the off-site extent of CFCs and chlorinated solvent-related contamination in the groundwater. Consequently, there was no need to reinstall monitoring well MW-24D. Also a departure from the RIWP scope, TRC collected groundwater samples for laboratory analysis from nine additional existing monitoring wells: MW-2U-60, MW-PMW-5, MW-4-60, MW-6-60, MW-11-140, MW-15-60, MW-16-60, MW-19-60, and MW-20-50. Lastly, TRC installed three more soil borings than proposed in the RIWP: borings B-1, B-6 and B-7. Boring B-1 was advanced within the general vicinity of the abandoned sewer lines and the location of the former Air Conditioning Shop. Borings B-6 and B-7 coincided with groundwater monitoring wells MW-29D and MW-30, respectively.



After completing the initial scope of work, TRC prepared a Supplemental RIWP to further evaluate potential off-site upgradient sources of groundwater contamination and to complete the characterization of VOCs in soil vapor at on-site and off-site locations. To aid in the evaluation of potential off-site, upgradient sources of groundwater contamination, the scope of the Supplemental RIWP included a review of regulatory agency databases and Historic Sanborn Maps of the surrounding area.

Following NYSDEC and NYSDOH approval of the Supplemental RIWP, TRC installed and sampled an additional three permanent groundwater monitoring wells (MW-31D, MW-32D, and MW-33D) at upgradient locations and an additional 11 permanent soil vapor probes (SG-15 through SG-25).

The Site-specific sampling techniques in the Quality Assurance Project Plan (QAPP), which is part of the RIWP, were followed during implementation of the RI. Presented below are detailed descriptions of each phase of the remedial investigation.

## **4.2 Soil Sampling**

The overall objective of this task was to investigate potential on-site sources of CFCs, PCE, and TCE. The areas of concern (AOC) were an abandoned sewer line that had served the east and west transfer pits, the location of the former Air Conditioning Shop, and the locations of monitoring wells MW-1-60, MW-17-60, and MW-5-180. As shown on Figure 4, TRC installed seven soil borings to evaluate these AOCs.

Soil borings were advanced to the water table utilizing a hollow stem auger drill rig. Refer to Figure 4 for soil boring locations. In the case of borings B-5, B-6, and B-7 that were converted to wells screened at the bottom of the unconsolidated aquifer (i.e., “deep wells”), soil borings were advanced to the top of the Gardiners Clay. Soil boring samples above the water table were continuously collected at 2-foot intervals and screened for VOCs utilizing a flame ionization detector (FID) and a photoionization detector (PID). Additionally, field observations (e.g., staining, odors, etc.) were recorded. Below the water table, soil boring samples were collected at 10-foot intervals and screened in the same manner as described above. Geologic descriptions of the soil, field screening results and observations were recorded in field logs. Appendix B contains soil boring logs.

Based on field measurements and observations, TRC selected 18 soil samples from the seven soil borings for laboratory analysis, exceeding the minimum sampling and analysis frequency of the RIWP (i.e., two soil samples per boring). Soil samples were analyzed for Target Compound List Volatile Organic Compounds (TCL VOCs) by United States Environmental Protection Agency (USEPA) Method 8260.

### **4.3 Groundwater Sampling**

The overall objective of this task was to further delineate the extent of CFCs, PCE and TCE in the Unconsolidated Aquifer on-site and off-site. TRC collected groundwater samples from the 19 newly installed monitoring wells and 26 existing monitoring wells shown in Figure 5. Consistent with the previous study by STV, groundwater wells screened to intercept the top of the upper unconsolidated aquifer are referred to as “shallow wells” and those screened in the bottom 20 feet of the unconsolidated aquifer are referred to as “deep wells”.

Groundwater was generally encountered between 30 to 40 feet bgs. The shallow groundwater monitoring wells were screened from approximately 6 feet above the water table to approximately 13 feet below the water table. The deep monitoring wells were screened in the lowermost 20 feet of the upper unconsolidated aquifer, above the top of the Gardiners Clay. The groundwater monitoring wells installed by TRC were constructed of threaded Schedule 40 polyvinyl chloride (PVC) well casing and 20-slot Schedule 40 PVC well screen. Well construction diagrams for the wells installed by TRC are in Appendix B.

Following installation, the groundwater monitoring wells were developed, using a submersible pump until the turbidity of the water was less than or equal to 50 nephelometric turbidity units (NTUs) or consecutive measurements of groundwater parameters (pH, conductivity, temperature, and dissolved oxygen) sufficiently stabilized. The groundwater wells were surged aggressively to remove disturbed fines from the formation and sand pack. The groundwater conditions were allowed to equilibrate for at least 7 days prior to sampling. The volumes of water removed, the well development times, and field instrument readings were recorded on a field log, and facsimiles of the logs are in Appendix B.

Groundwater monitoring wells were purged utilizing a low-flow, submersible stainless steel pump with dedicated polyethylene tubing connected to a flow-through cell for monitoring water quality parameters. The submersible pump was decontaminated prior to sampling utilizing a solution of deionized water andalconox. Low purging rates were used to minimize suspension

of particulate matter in the well. Field parameters including temperature, conductivity, pH, oxidation-reduction potential (ORP), turbidity and dissolved oxygen (DO) were recorded prior to and during sampling. Groundwater samples were collected after field parameters had stabilized for three consecutive readings within established ranges.

In 2006, groundwater samples collected from monitoring wells during implementation of the original RIWP were analyzed for TCL VOCs by USEPA Method 8260 and TCL semivolatile organic compounds (TCL SVOCs) by USEPA Method 8270. In 2008, groundwater samples collected from monitoring wells installed during implementation of the Supplemental RIWP were analyzed for TCL VOCs by EPA Method 8260.

#### **4.4 Soil Vapor Sampling**

The overall objective of this task was to obtain sufficient data to characterize levels of VOCs in soil vapor at the Site and in surrounding areas. As shown on Figure 8, TRC installed 25 permanent soil vapor probes, nine located near the perimeter of the Site and the remaining 16 located off-site in the sidewalks of public streets. A hollow stem auger drill rig was used to install two deep soil vapor probes (SG-23 and SG-24) to an approximate depth of 27 feet bgs. The permanent soil vapor probes were constructed in accordance with the relevant guidance in the NYSDOH document titled, *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated October 2006 (“NYSDOH Vapor Intrusion Guidance”).

The soil vapor probes were not sampled until at least 48 hours after installation. Prior to sampling, one to three volumes of each soil vapor probe and sampling tube were purged. Soil vapor samples were collected in SUMMA canisters in accordance with the NYSDEC-approved work plan and analyzed by modified EPA TO-15 for volatile organic compounds, including CFCs, PCE, and TCE.

#### **4.5 Characterization of Geology and Hydrogeology**

As part of the remedial investigation, TRC studied the subsurface geology, groundwater flow direction and the depth to the top of the Gardiners Clay. TRC logged and classified subsurface conditions at each monitoring well location, determined groundwater flow directions using existing and new shallow and deep wells, and determined the depth to the top of the Gardiners Clay at the newly installed deep groundwater monitoring well locations. For the determination of groundwater flow directions, groundwater surface elevations were measured in monitoring wells, the locations and elevations of the top of the casings of new and existing groundwater

monitoring wells were established by a New York State licensed land surveyor, Munoz Engineering, P.C. (“Munoz”), the groundwater surface elevation measurements were mapped, and water table surface elevation contours were generated. Elevations of the tops of the casings of new and existing wells were surveyed to the Borough of Queens Topographical Bureau Datum (QTBD), which is 2.725 feet above mean sea level at Sandy Hook, New Jersey, 1929.

#### **4.6 Evaluation of Chlorinated Solvent Use in Surrounding Area**

As part of preparing the Supplemental RIWP, TRC reviewed regulatory agency database search reports and Historic Sanborn Maps to identify potential sites of chlorinated solvent use in the surrounding area. The regulatory agency database search reports were prepared by Environmental Data Resources, Inc. (EDR) of Milford, Connecticut. Due to the size of the Site, the evaluation of off-site surrounding properties required ordering two regulatory agency database search reports -- one targeting properties south of the Site (91-90 121<sup>st</sup> Street), and the other targeting properties north of the Site (127-90 89<sup>th</sup> Street). Historic Sanborn Maps for immediately surrounding properties were provided by EDR for the years 1901, 1911, 1925, 1942, 1951, 1963, 1967, 1981, 1991, and 1996.

In addition, TRC reviewed reports concerning an off-site property obtained by a Freedom of Information Act (FOIA) request made to the NYSDEC. The FOIA request was submitted to the NYSDEC for the property located at 129-09 Jamaica Avenue (a.k.a. “Uniforms for Industry”).

#### **4.7 Investigation Derived Waste**

Investigation derived waste (IDW) generated during the RI included soil cuttings, and wastewater from well sampling, development and decontamination of sampling equipment. The IDW was placed in U.S. Department of Transportation (DOT) – approved drums and disposed of at an appropriate off-site disposal facility.

## 5.0 RESULTS OF REMEDIAL INVESTIGATION

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A discussion of the results of the remedial investigation is presented in this section of the report. Soil boring logs, groundwater monitoring well construction logs, and groundwater sampling forms are in Appendix B. Laboratory analytical data packages (electronic copies) for soil and groundwater samples are in Appendix C. Laboratory analytical data packages for soil vapor samples are in Appendix D. Database search reports, Historic Sanborn Maps, and documentation regarding an off-site property obtained from a FOIA request (electronic copies) are in Appendix E. Data evaluation and data usability summary reports (DUSRs) are in Appendix F.

### 5.1 Soil Sampling Results

Soil samples were collected in September and October 2006 and analyzed by Chemtech Laboratories of Mountainside, New Jersey. Table 1 provides a summary of the soil sampling results and evaluation criteria.

As indicated on Figure 4, soil borings were advanced at the four locations (i.e., B-1 through B-4<sup>2</sup>) specified in the RIWP, plus three additional boring locations (i.e., B-5 through B-7). Borings B-2, B-5, B-6 and B-7 were converted into permanent groundwater monitoring wells MW-17-50R, MW-2-160R, MW-29D, and MW-30D, respectively. The boreholes for the three deep monitoring wells (B-5/MW-2-160R, B-6/MW-29D, and B-7/MW-30D) were used to evaluate soil conditions to the top of the Gardiners Clay.

Consistent with historical data, field observations during soil sampling revealed that the upper unconsolidated aquifer under the Site consists of glacial outwash gravels and medium to coarse sands, with minor fine sand and silt, particularly in the lower portion. Grossly contaminated soil, as defined in DER-10, was not encountered during soil sampling. With the exception of borings B-2 and B-7, odors or elevated FID and PID readings were not encountered during soil sampling. In boring B-2, a soil sample collected near the groundwater table, at a depth of 38 to 40 feet bgs, exhibited petroleum odors. In boring B-7, soil below the water table exhibited petroleum odors and elevated FID and PID readings at approximate depths of 50 to 67 feet bgs. The soil sample collected from boring B-7 at 145 to 147 feet bgs exhibited a chemical odor, but no elevated PID

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<sup>2</sup> Groundwater monitoring well MW-GF-20 was later installed by LIRR at the location of B-4 in response to an unrelated request made by NYSDEC in connection with former gasoline USTs in the area.

or FID readings. Borings B-2 and B-7 were advanced near or within an area of the Site currently undergoing remediation for petroleum-related contamination.

In accordance with guidance provided by the NYSDEC, soil sampling results were evaluated by comparison to 6 NYCRR Part 375 Restricted Residential Soil Cleanup Objectives (SCOs) for Protection of Public Health. Significant results of the soil sampling are as follows:

- VOCs were not detected above the SCOs.
- Except for in soil collected from boring B-2, CFCs, PCE and TCE were not detected in soil samples collected above the water table, and there were no VOCs detected at concentrations above the SCOs in soil samples collected above the water table. (Note: there are no SCOs for the CFCs targeted as part of the RI). TCFM and PCE were both detected at 1,600 parts per billion (ppb) in the soil sample collected 24 to 26 feet bgs in boring B-2. Chlorodifluoromethane (CDFM) was also detected in this soil sample, at 241 ppb.
- Except for in soil samples collected from borings B-2, B-5 and B-7, CFCs, PCE and TCE were not detected in soil samples collected at and below the water table. TCFM was detected at 1,400 ppb, CDFM was detected at 190 ppb, and PCE was detected at 1,300 ppb in the soil sample collected 38 to 40 feet bgs in boring B-2. TCFM was detected at 72 ppb in the soil sample collected 170 to 172 feet bgs in boring B-5. TCE was detected at 970 ppb, which is less than the SCO for TCE of 10,000 ppb, in the soil sample collected 145 to 147 feet bgs from boring B-7.
- Acetone was found in soil samples collected from borings B-1, B-5 and B-7. Acetone is a common laboratory contaminant and was also detected in the field blank. Therefore, the presence of acetone in the soil samples most likely represents an artifact from laboratory contamination.

## **5.2 Groundwater Sampling Results**

As part of the initial RI, groundwater samples were collected from 42 groundwater monitoring wells (23 on-site and 19 off-site locations) in November and December 2006 (refer to Figure 5). Groundwater samples from this initial round were analyzed for VOCs and SVOCs by Chemtech of Mountainside, New Jersey. As part of the Supplemental RIWP, groundwater samples were

collected from three newly installed upgradient offsite, deep groundwater monitoring wells in October 2008. Groundwater samples from this subsequent round were analyzed for VOCs by Con-Test Analytical Laboratory in East Longmeadow, MA. In total, the RI and Supplemental RI included the collection and analysis of 45 groundwater samples, plus an additional nine quality assurance/quality control samples (i.e., duplicates, field blanks, and trip blanks).

The groundwater sampling results are summarized in Tables 2A and 2B. Figure 5 shows the concentrations of CFCs, PCE and TCE detected in the groundwater monitoring wells and, if applicable, the concentrations of these VOCs detected in the groundwater monitoring wells during the most recent, prior sampling performed by STV in 1997 or LIRR in 2005. Tables 3A and 3B provide a comparison between the groundwater sampling results of the prior studies and those of the RI with respect to VOCs in shallow and deep wells. Figures 6 and 7 show inferred total CFCs concentration contours based on the results of the RI and Supplemental RI, in the shallow and deep wells, respectively, at the Site and in surrounding areas.

Except for deep monitoring wells located northwest of the turntable and at off-site, upgradient locations to the north, the groundwater sampling results generally revealed no significant impacts to groundwater conditions. TCE and PCE were not detected in shallow groundwater monitoring wells above NYSDEC Class GA groundwater quality standards or guidance values (“Class GA Values”). The concentrations of CFCs detected in most groundwater monitoring wells also were below Class GA Values. In the area northwest of the turntable, TCE and PCE were detected above Class GA Values in deep wells MW-5-180, MW-29D, and MW-30D. TCE was also detected above the Class GA Value in the deep groundwater monitoring well MW-3-160 located southwest of the turntable. TCE and PCE were also detected above Class GA Values in the four off-site upgradient deep monitoring wells MW-28D, MW-31D, MW-32D and MW-33D.

A detailed discussion of the results of the analyses of the groundwater samples collected in 2006 and 2008 is presented below:

- CFCs above Class GA Values were detected in 14 of 45 groundwater monitoring wells sampled by TRC, with levels of total CFCs in on-site wells decreasing significantly since the groundwater sampling event in January 1997 by STV. The decrease in concentrations of total CFCs in groundwater wells ranged from 15 to 100 percent. Exceptions to this overall decrease in CFC levels are with respect to monitoring well MW-2D-60 where the concentration of TCFM increased slightly from 46 ppb to 51 ppb, and monitoring well MW-6-168 where the concentration of TCFM increased from non-detect to 1.2 ppb.

Also, total CFCs increased slightly from 2 ppb in January 1997 to 24 ppb in December 2006 in monitoring well MW-5-180.

- TCE was detected above the Class GA Value in eight of the 45 groundwater monitoring wells, and these exceedances for TCE were found only in deep wells. Four of the TCE exceedances were detected in the off-site upgradient groundwater monitoring wells MW-28D, MW-31D, MW-32D, and MW-33D and three of the TCE exceedances were detected in groundwater monitoring wells MW-29D, MW-30D, and MW-5-180 located northwest of the turntable. On-site monitoring well MW-3-160, located south of the turntable, also exhibited a concentration of TCE above the Class GA Value.
- PCE was detected above the Class GA Value in seven of the 45 groundwater monitoring wells. Concentrations of PCE above the Class GA Value were detected only in the four off-site upgradient deep wells MW-28D, MW-31D, MW-32D and MW-33D and the three on-site monitoring wells MW-29D, MW-30D, and MW-5-180 located northwest of the turntable.
- SVOCs were detected above Class GA Values in four of the 42 groundwater monitoring wells. In the sample collected from monitoring well MW-6-60, naphthalene was detected at 68 ppb, which exceeds the Class GA Value of 10 ppb. In samples collected from three groundwater monitoring wells (MW-10-60, MW-25S, and MW-10-160), bis(2-ethylhexyl)phthalate was detected above the Class GA Value of 5 ppb. This compound is a common laboratory contaminant, and its presence in the groundwater samples most likely reflects an artifact arising from laboratory contamination.
- The off-site groundwater monitoring wells (MW-21S, MW-21D, MW-23S, MW-23D, MW-25S, MW-25D, MW-22S and MW-27D) delineated the approximate off-site extent of CFC-related groundwater contamination in the unconsolidated aquifer. As a result, proposed downgradient monitoring well MW-24D, which would have been located further southwest of the Site, was not installed.

### **5.3 Soil Vapor Sampling Results**

As part of the scope of the initial RIWP, soil vapor samples were collected from six on-site and eight off-site permanent soil vapor probe locations in November 2006. As part of the Supplemental RIWP, soil vapor samples were collected from three additional on-site and eight



additional off-site permanent soil vapor probes in October 2008. Figure 8 shows the nine on-site and 16 off-site soil vapor probe locations. Soil vapor samples were analyzed by Air Toxics LTD of Folsom, California for VOCs.

The soil vapor sampling results are summarized in Table 4. Figure 8 shows the concentrations of CFCs, TCE, PCE, trans-1,2-dichloroethene, cis-1,2-dichloroethene, and vinyl chloride detected in the sample collected from each soil vapor probe. The laboratory analytical data packages for the soil vapor samples are in Appendix E.

The results of the analyses of the soil vapor samples are discussed below. Note that specific screening criteria were not applied to the evaluation of the soil gas sampling results, since there is no regulatory guidance for soil vapor in New York State.

- CFCs were detected in soil vapor probe samples, except the samples collected from probes SG-7 and SG-18. The highest concentration of CFCs (individual and total) was found in on-Site soil vapor probe SG-1 located in the south central part of the Site. In SG-1 TCFM and CDFM were detected at 3,000 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) and 2,000  $\mu\text{g}/\text{m}^3$ , respectively.
- The highest concentration of PCE (3,600  $\mu\text{g}/\text{m}^3$ ) was found in the on-Site deep soil vapor probe SG-23, located near the western Site boundary. Elevated concentrations of PCE were also found in on-Site shallow soil vapor probe SG-13 and off-site shallow soil vapor probe SG-6.
- Concentrations of TCE detected in soil vapor samples were significantly lower than the concentrations of PCE detected. The highest detected concentration of TCE (77  $\mu\text{g}/\text{m}^3$ ) was detected in on-Site, deep soil vapor probe SG-23.
- Except for SG-14, concentrations of degradation products of TCE and PCE, including cis- and trans-1,2-dichloroethene and vinyl chloride, when detected, were at less than 10  $\mu\text{g}/\text{m}^3$ . The highest concentrations of cis-1,2-dichloroethene (60  $\mu\text{g}/\text{m}^3$ ) and vinyl chloride (220  $\mu\text{g}/\text{m}^3$ ) were detected in shallow on-Site soil vapor probe SG-14.

## 5.4 Site Geology and Hydrogeology

Geological data obtained during the RI is consistent with the findings of the previous characterization of the site geology by STV. Unconsolidated glacial deposits are present beneath the Site, and consist of medium to coarse sands with cobbles, gravel and boulders. The sands with cobbles, gravel and boulders extend from the surface to approximately 30 feet bgs or and approximate elevation of 20 feet with respect to Queens Topographical Bureau Datum (QTBD), and are interpreted by TRC and STV to represent a glacial till. Under the glacial till are, light brown, medium to coarse sands that extend to the top of the Gardiners Clay.

The top of the Gardiners Clay generally slopes downward from northeast to southwest. Northeast of the Site, in the boreholes for off-site monitoring wells MW-31D and MW-32D, the top of the Gardiners Clay was encountered at an approximate elevation of -70 feet (QTBD). Southwest of the Site, in the borehole for off-site groundwater monitoring well MW-25D, the top of the Gardiners Clay was encountered at an approximate elevation of -115 feet (QTBD). Exceptions to this overall slope of the top of the Gardiners Clay were encountered in the boreholes for groundwater monitoring wells MW-2-160R, MW-11-140, and MW-1-140. In the location of groundwater monitoring well MW-2-160R, the top of the Gardiners Clay appears to drop to form a localized depression. In the vicinity of groundwater monitoring wells MW-11-140 and MW-1-140, the top of the Gardiners Clay rises to form a localized mound.

Figures 9 and 10 provide geological cross-sections of the Site and immediately surrounding area based on TRC's and STV's borings. Figure 11 is an elevation contour map of the top of the Gardiners Clay based on data obtained from deep borings converted to groundwater monitoring wells. Table 5 provides a summary of top of clay elevation data from deep borings and wells.

Groundwater was generally encountered between 35 and 39 feet bgs in the on-site and off-site wells. A New York State-licensed land surveyor surveyed most of the locations and elevations of tops of casings of existing and new groundwater monitoring wells except for monitoring well MW-29D, which could not be surveyed due to lack of access. After the wells were surveyed, TRC measured groundwater surface elevations in monitoring wells prior to groundwater sampling. Groundwater surface elevations and surveyed information are presented in Table 6. Groundwater surface elevation contour maps generated from measurements in shallow and deep wells are presented on Figures 12 and 13, respectively, and depict a groundwater flow direction of northeast to southwest for shallow wells and northeast to southwest for deep wells.

## **5.5 Evaluation of Chlorinated Solvent Use in Surrounding Area**

The regulatory agency database search report identified nearby potential sources of chlorinated solvents in the surrounding area, including dry cleaners, RCRA generators of solvents, and a property being considered for the New York State Brownfield Cleanup Program (BCP). The potential BCP site is the Uniforms for Industry (UFI) property located at 129-01 Jamaica Avenue, which is upgradient and approximately 1,700 feet northeast of the Site.

According to documentation obtained from a FOIA request, the UFI property has caused on-site and off-site chlorinated solvent groundwater contamination and the direction of groundwater flow from the UFI property is to the southwest (i.e., toward the Site). The off-site investigation memorandum report by Roux Associates Inc. dated June 1, 2006 and a subsurface investigation report by G.C. Environmental Inc. dated March 29, 2006, document the presence of the following chlorinated solvents in groundwater at the UFI property: dichloroethene (DCE), vinyl chloride, PCE, and TCE. The concentrations of these chlorinated solvents in groundwater beneath the UFI property exceed the NYSDEC Class GA Values. Maps showing the concentrations of PCE and TCE in groundwater reveal off-site exceedances of Class GA Values south of the UFI property. The results of soil vapor sampling in connection with the UFI property in a report dated December 2008 reveal elevated concentrations of PCE (4,200,000 ug/m<sup>3</sup>) and TCE (220,000 ug/m<sup>3</sup>).

The review of Historic Sanborn Maps revealed significant industrial use north of the Site that potentially involved solvents, and included foundries, machine shops, laundries, a plastics manufacturer, and a knitting mill. The Historic Sanborn Map review also showed a historic dry cleaner (Unexcelled Laundry System) near the northwest corner of the intersection of 121<sup>st</sup> Street and Atlantic Avenue (immediately southwest of the Site, across 121<sup>st</sup> Street) and an ink manufacturer immediately adjacent to the western boundary of the Site.

Figure 14 shows the locations of the off-site sources of chlorinated solvents which have potentially impacted groundwater quality on the Site.

## **5.6 Quality Assurance/Quality Control Data Evaluation**

A QA/QC program for the Remedial Investigation was instituted to confirm that the project objectives were met. The QA/QC program was consistent with the Quality Assurance Project Plan (QAPP), which was submitted with the RIWP and detailed the data quality objectives

(DQOs) for each analytical parameter for the entire investigation. During the program, the collection of QC samples was monitored by the TRC Project QA Officer to verify that the field QC samples were collected at the proper frequency. Finally, the QA/QC program included data validation for an appropriate percentage of the analytical data, as outlined in the QAPP.

For the RI, approximately 40 percent of the analytical data generated from groundwater sampling and 40 percent of the analytical data generated for the soil vapor sampling was subjected to data validation.

The results of the data validation are summarized in Data Usability Summary Reports (DUSRs). The DUSRs are in Appendix F and include a discussion on each qualified result, the potential bias and the effects on data usability. The groundwater data and soil vapor data were found to be valid and usable for decision-making purposes. Two potential issues described below, were noted, but in general, these issues do not adversely affect the decision-making process.

- The reporting limits for most VOCs in groundwater exceed those required in the QAPP; however, the reporting limits generally are below the project action levels in most cases. In all cases, the laboratory reported results below the reporting limits are qualified as estimated (J) values, if present. Therefore, the presence of these compounds at the project action levels could still be assessed. For these reasons, TRC has concluded that the data can be utilized for decision-making purposes.
- The laboratory inadvertently did not report results for CDFM (Freon 22) as required in the QAPP. In order to evaluate whether or not Freon 22 was present in the groundwater samples, the laboratory was requested to perform a calibration for this compound on each instrument used to determine the retention time and response factor of this compound. Sample data were then evaluated to determine if Freon 22 was present at the approximate retention time determined. All results for Freon 22 were therefore qualified as estimated since calibration was performed after sample analysis. However, these results are still usable for evaluating the presence or absence of this compound.

## **6.0 QUALITATIVE EXPOSURE ASSESSMENT**

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This subsection summarizes the Qualitative Exposure Assessment, which is presented in its entirety in Appendix G.

Based on the findings of the RI and prior investigations by others, the principal contaminants of potential concern (COPCs) associated with either off-site or on-site sources are chlorinated solvents, tetrachloroethene (PCE) and trichloroethene (TCE); petroleum-related compounds benzene, ethylbenzene, methyl tert-butyl ether (MTBE) naphthalene and isopropylbenzene; and chlorofluorocarbons (CFCs), trichlorofluoromethane (TCFM) or freon 11, and dichlorodifluoromethane (DCDFM) or freon 12.

The following COPCs were considered to originate from the Site ("Site-related"): CFCs in groundwater and soil vapor and benzene, ethylbenzene, isopropylbenzene and naphthalene in groundwater. The following COPCs were considered to originate primarily from off-site sources ("not Site related"): chlorinated solvents (PCE, TCE, 1,2-dichloroethene, and vinyl chloride) in deep groundwater and soil vapor, methylene chloride in groundwater, MTBE in groundwater, bis(2-ethylhexyl)phthalate in groundwater, and chloroform in soil vapor.

The qualitative exposure assessment evaluated the potential for exposure associated with Site-related chemicals identified in groundwater, soil and soil vapor. Non-Site-related chemicals were identified and also considered in this evaluation.

There are no potentially complete exposure pathways for current industrial workers, future construction workers and current and future off-site residents with respect to Site-related chemicals. The only potentially complete exposure pathway for Site-related COPCs is the vapor intrusion exposure pathway for future industrial workers. Benzene and naphthalene, two Site-related COPCs, were identified above vapor intrusion screening criteria in shallow groundwater at monitoring well location MW-6, located in the track yard. The potential for exposure exists only if a building is constructed in this area. However, there are no plans for the construction of a building in the track yard; therefore, the potential for exposure by a future industrial worker is remote. In addition, concentrations of PCE and TCE in soil vapor on-Site, exclusive of sampling locations on the south property boundary near an apparent off-Site source, were below screening criteria and therefore do not pose a risk to Site receptors.

The potential exists for off-Site residents to be exposed to non-Site-related VOCs (PCE, TCE and chloroform) via the vapor intrusion exposure pathway as these compounds were detected above screening criteria at two off-Site locations.

## **7.0 UPDATED SITE CONCEPTUAL MODEL**

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The updated conceptual model explains the nature and extent of the contaminants known to be present at the Site and in surrounding areas, the dominant fate and transport characteristics, potential exposure pathways, and potential impacts to receptors. In summary, the updated conceptual model for the Site consists of likely chlorinated solvent-related impacts to groundwater and soil vapor from off-site sources, and CFC-related impacts to soil vapor and groundwater from past use of CFCs at the Site. The chlorinated solvent-related groundwater contamination above Class GA Values was primarily found in deep groundwater wells located near the upgradient boundary of the Site and off-site, in upgradient locations north/northeast of the Site. Solvent-related groundwater contamination above Class GA Values was not found in shallow groundwater monitoring wells installed at the Site. CFC-related groundwater contamination above Class GA Values was found in some shallow groundwater wells in the downgradient portion of the Site and in deep groundwater wells downgradient of the Site. The groundwater contaminants at the Site presently pose no significant risk to receptors since groundwater is not utilized for consumption. The highest concentrations of PCE detected in soil vapor were in samples collected near off-site sources to the southwest and west.

According to Historic Sanborn Maps, the surrounding area northeast and upgradient of the Site has been occupied by various industries that very likely utilized chlorinated solvents, including foundries, machine shops, a plastics manufacturer, laundries, and a knitting mill. The regulatory agency database report also revealed past and current use of chlorinated solvents in nearby areas to the northeast, including the UFI Site and property proposed for entry into the Brownfield Cleanup Program (BCP) with documented solvent-related groundwater contamination.

The presence of solvent-related groundwater contamination in only deep groundwater monitoring wells is consistent with an off-site source. In a separate phase state, the chlorinated solvents are heavier than water and behave as a dense nonaqueous phase liquid (DNAPL), and can move downward through the saturated zone until reaching a low permeability hydrogeological unit, which, for the Site and surrounding area, could be the top of the Gardiners Clay. In the case of the Site, the Gardiners Clay is expected to control the movement of solvent-related groundwater contamination.

An ink manufacturer and a dry cleaner, industries that in the past commonly utilized chlorinated solvents, historically occupied nearby properties immediately west and southwest of the Site, respectively. Such past uses of nearby properties could have caused chlorinated solvent-related

impacts to soil vapor in these locations and in surroundings areas. Soil vapor sampling results support this hypothesis.

The Site has been utilized as a maintenance facility for steam and diesel locomotives and coaches for over 100 years. Maintenance activities have included rebuilding and routine service of major mechanical and electrical components, including air conditioning units for coaches. CFCs were introduced in the 1930s as a refrigerant, and their use was essentially unregulated until passage of amendments to the Clean Air Act in the early 1990s that banned intentional venting of CFC gases during maintenance and decommissioning of appliances. Therefore, the potential existed for releases of CFCs due to routine service work associated with air conditioning units for approximately 60 years at the Site.

CFCs typically exist as volatile liquids at most temperatures in the environment. In a liquid state, CFCs are more dense than water and therefore, when in a separate phase, act in a similar manner to chlorinated solvents. The Gardiners Clay also represents a barrier to downward migration of CFCs at the Site. Except for in soil collected from boring B-2, CFCs were not found in soil samples collected above the water table; therefore, soil sampling results indicate that downward migration of CFCs already has occurred at the Site. CFCs were found in soils samples collected below the water table, and their concentrations generally vary, showing no discernable contaminant trend with depth. This finding is likely consistent with releases that occurred long ago, in which adsorption and desorption of CFCs from the aquifer matrix and transport of dissolved CFCs within the unconsolidated aquifer have taken place. Groundwater sampling results reveal significant decreases in total CFCs in the unconsolidated aquifer since the STV RI. This finding shows that natural attenuation of CFC-related groundwater contamination is occurring at the Site.

A discussion of exposure pathways and potential impacts to receptors is presented above in Section 6.0.



## **8.0 CONCLUSIONS AND RECOMMENDATIONS**

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The results of the RI have established an off-site source or sources as being responsible for chlorinated solvent-related impacts to deep groundwater quality at the Site and to soil vapor quality at off-site locations. The RI delineated the approximate on-Site and off-site extent of elevated CFCs in groundwater, and generally has confirmed the trend of significantly decreasing levels of CFCs in groundwater established by LIRR groundwater sampling since the STV study. The RI results also have revealed no evidence of persisting on-site sources of CFCs, which is generally consistent with the decrease in levels of CFCs in groundwater over time. The RI results also revealed no on-site source (s) of chlorinated solvents, as indicated by the lack of Class GA Value exceedances in shallow groundwater wells at the Site.

Specific conclusions regarding soil, groundwater, and soil vapor conditions are presented below.

### **8.1 Soil**

Soil sampling results revealed no sources of solvent-related compounds or CFCs at the Site. VOCs were not detected in soil samples above SCOs. PCE was detected at 1,600 ppb in the soil sample collected from 24 to 26 feet bgs in boring B-2, which slightly exceeds the protection of groundwater value for PCE of 1,300 ppb. Detectable concentrations of PCE, however, were not found in the sample collected from groundwater monitoring well MW-17-50R installed at this location.

### **8.2 Groundwater**

As shown on Figure 5, groundwater sampling results revealed chlorinated solvent-related impacts in the deep unconsolidated aquifer from off-site upgradient source(s) to the northeast. The highest concentrations of TCE (1,810 ppb) and PCE (198 ppb) were found in upgradient, off-site deep groundwater monitoring well MW-33D. The highest concentrations of chlorinated solvent-related compounds in samples collected from on-Site wells were found in deep wells located near the upgradient boundary of the Site. PCE or TCE were not detected above Class GA Values in any of the on-site or off-site shallow wells. This finding is consistent with the downward movement of chlorinated solvent-related groundwater contamination from a distant off-site source. Additionally, information obtained from regulatory agency databases and Historic Sanborn Maps reveal the potential use of chlorinated solvents in the off-site and upgradient surrounding area to the northeast.

The qualitative exposure assessment indicated that the chlorinated solvent and CFC-related groundwater contamination at the Site and locations downgradient of the Site do not pose a significant risk to human receptors since groundwater is not utilized for consumption.

### **8.3 Soil Vapor**

In the absence of guidance values for VOCs in soil gas, total concentrations in soil vapor were evaluated with respect to location and depth.

Soil vapor sampling results generally revealed higher concentrations of CFCs in soil vapor at on-Site than at off-site soil vapor sampling locations. This finding is consistent with the past use of the Site as the principal source of CFC contamination. At off-site, co-located shallow soil vapor probe SG-6 and deep soil vapor probe SG-24 (SG-6/SG-24), the concentrations of total CFCs detected are higher than other off-site locations. CFCs were detected at higher concentrations in the deep soil vapor probe, SG-24, than in the shallow probe, SG-6, indicating that CFCs in soil vapor increase with depth. However, CFCs were not detected above Class GA Values in groundwater monitoring well MW-10-60 located adjacent to the soil vapor sampling locations, indicating that groundwater may not be the source of CFCs in soil vapor.

Soil vapor sampling results revealed higher concentrations of PCE in soil vapor near the western boundary of the Site and at off-site locations to the west than in on-Site soil vapor sampling locations. A likely explanation for this distribution of PCE in soil vapor is the presence of historic off-site sources of solvents located immediately west of the Site. Specifically, the highest concentration of PCE in soil vapor (3,600 ug/m<sup>3</sup>) was detected in deep soil vapor probe SG-23, which was installed near the western property boundary, co-located with shallow probe SG-13. An elevated concentration (1,600 ug/m<sup>3</sup>) of PCE in soil vapor was also detected in soil vapor probe SG-13. As shown on Figure 8, SG-13 and SG-23 are located immediately adjacent to the site of an off-site historic ink manufacturer and engraver. The second highest concentration (2,700 ug/m<sup>3</sup>) of PCE in soil vapor was detected in shallow soil vapor probe SG-6. An elevated concentration (910 ug/m<sup>3</sup>) of PCE in soil vapor was also detected in the deep soil vapor probe SG-24. As shown on Figure 8, these soil vapor probe locations are immediately adjacent to a historic dry cleaner. Excluding the soil vapor probes (SG-3, SG-4, SG-13, SG-14, SG-22, and SG-23) near the west property boundary, which could be influenced by nearby off-site sources of chlorinated solvents (i.e., historic ink manufacturer and dry cleaner), similar concentrations of PCE were found in on-site and off-site soil vapors probes. For example, PCE

concentrations detected in samples collected from on-Site soil vapor probes SG-1, SG-2 and SG-21 range from 43 to 130 ug/m<sup>3</sup>. PCE concentrations detected in samples collected from off-site soil vapor probes SG-8, SG-11, SG-12, SG-15, SG-16, SG-17, SG-18, SG-19, and SG-25, which are not located near known potential chlorinated solvents sources, range from 12 to 230 ug/m<sup>3</sup>. Therefore, the concentrations of PCE found in the soil vapor on the Site may be representative of background conditions.

Soil vapor sampling results generally revealed no elevated concentrations of TCE or degradation products of PCE and TCE in soil gas.

#### **8.4 Conclusions/Recommendations**

Based on the findings of the RI, remedial action for the Site does not appear to be warranted. Chlorinated solvent-related contamination in deep groundwater and soil vapor at the Site is the result of off-site sources or can be attributed to background conditions. CFC-related contamination in groundwater and soil vapor can be attributed to past on-Site use; however, groundwater sampling results show a continuation of natural attenuation of CFCs in groundwater, and the on-Site conditions have been evaluated as part of the qualitative risk assessment. Therefore, no further action with respect to chlorinated solvents and CFCs is recommended on Site.

## 9.0 REFERENCES

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## **TABLES**

**TABLE 1**  
**Volatile Organic Compounds in Soil**

Table 1  
Volatile Organic Compounds in Soil  
Long Island Rail Road Morris Park Yard

SAMPLE NAME	NYSDEC Brownfield Residential Use Soil Cleanup Objectives <sup>(1)</sup>	B-1 (18-20)	B-1 (36-38)	B2-(24-26)	B2-(38-40)	B-3(23-25)	B-3(27-29)	B-3(37-39)	B-4(25-27)	B4-(39-41)	B5 (37-39)	B5 (170-172)	B6-(36-38)	B6-(48-50)	B6-(165-167)	B6-(165-167)	B7-(35-37)	B7-(57-59)
LAB SAMPLE ID		X4794-01	X4794-02	MW-17-50R	MW-17R	X4494-06	X4494-07	X4494-08	X4494-09	X4494-10	(MW-2-160R)	(MW-2-160R)	MW-29D	MW-29D	MW-29D	MW-29D (Dup.)	MW-30D	MW-30D
DATE SAMPLED		10/3/06	10/3/06	09/18/06	09/18/06	09/19/06	09/19/06	09/19/06	09/20/06	09/20/06	X4572-02	X4494-03	X4494-11	X4494-12	X4673-01	X4673-02	X4449-01	X4449-02
DEPTH INTERVAL		18-20 foot	36-38 foot	24-26 foot	38-40 foot	23-25 foot	27-29 foot	37-39 foot	25-27 foot	39-41 foot	37-39 foot	170-172 foot	36-38 foot	48-50 foot	165-167 foot	165-167 foot	35-37 foot	57-59 foot
DILUTION FACTOR		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	(ug/Kg)	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dichlorodifluoromethane (DCDFM)	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Chloromethane	NC	100 J	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Vinyl Chloride	210	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Bromomethane	NC	100 J	200 J	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Chloroethane	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Trichlorofluoromethane (TCFM)	NC	390 U	450 U	1600	1400	450 U	420 U	380 U	380 U	2500 U	560 U	72 J	320 U	320 U	370 U	370 U	450 U	590 U
1,1,2-Trichlorotrifluoroethane	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
1,1-Dichloroethene	100,000	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Acetone	100,000	2000	2200	1900 U	2000 U	2200 U	2100 U	1900 U	1900 U	12000 U	840 J	510 J	1600 U	1600 U	1800 U	1900 U	470 J	2900 U
Carbon Disulfide	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Methyl Tert-Butyl Ether	62,000	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Methyl Acetate	NC	390 U	450 U	130 J	210 J	130 J	140 J	110 J	120 J	430 J	560 U	350 U	85 J	100 J	370 U	370 U	450 U	590 U
Methylene Chloride	51,000	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
trans-1,2-Dichloroethene	100,000	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
1,1-Dichloroethane	19,000	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Cyclohexane	NC	390 U	450 U	380 U	380 U	510	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	450 U	590 U
2-Butanone	100,000	1900 U	2200 U	550 J	660 J	770 J	690 J	600 J	540 J	2800 J	2800 U	1700 U	370 J	500 J	1800 U	1900 U	2200 U	2900 U
Carbon Tetrachloride	1,400	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
cis-1,2-Dichloroethene	59,000	390 U	450 U	380 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	450 U	590 U
Chloroform	10,000	390 U	450 U	55 J	51 J	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
1,1,1-Trichloroethane	100,000	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Methylcyclohexane	NC	390 U	450 U	100 J	1200	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Benzene	2,900	390 U	450 U	1500	1300	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
1,2-Dichloroethane	2,300	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Trichloroethene (TCE)	10,000	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
1,2-Dichloropropane	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Bromodichloromethane	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
4-Methyl-2-Pentanone	NC	1900 U	2200 U	380 U	2000 U	2200 U	2100 U	1900 U	1900 U	12000 U	2800 U	1700 U	1600 U	1600 U	1800 U	1900 U	2200 U	2900 U
Toluene	100,000	390 U	450 U	1600	1500	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	120 J	320 U	370 U	370 U	450 U	590 U
t-1,3-Dichloropropene	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
cis-1,3-Dichloropropene	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
1,1,2-Trichloroethane	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
2-Hexanone	NC	1900 U	2200 U	1900 U	2000 U	2200 U	2100 U	1900 U	1900 U	12000 U	2800 U	1700 U	320 U	1600 U	1800 U	1900 U	2200 U	2900 U
Dibromochloromethane	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
1,2-Dibromoethane	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Tetrachloroethene (PCE)	5,500	390 U	450 U	1600	1300	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Chlorobenzene	100,000	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Ethylbenzene	30,000	390 U	450 U	49 J	45 J	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
m/p-Xylenes	100,000 <sup>(2)</sup>	780 U	900 U	390 J	380 J	890 U	830 U	770 U	770 U	5000 U	1100 U	690 U	640 U	640 U	740 U	750 U	890 U	1200 U
o-Xylene	100,000 <sup>(2)</sup>	390 U	450 U	110 J	160 J	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Styrene	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Bromoform	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Isopropylbenzene	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
1,1,2,2-Tetrachloroethane	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
1,3-Dichlorobenzene	17,000	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
1,4-Dichlorobenzene	9,800	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
1,2-Dichlorobenzene	100,000	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
1,2-Dibromo-3-Chloropropane	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
1,2,4-Trichlorobenzene	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Chlorofluoromethane	NC	390 U	450 U	380 U	410 U	450 U	420 U	380 U	380 U	2500 U	560 U	350 U	320 U	320 U	370 U	370 U	450 U	590 U
Chlorodifluoromethane (CDFM)	NC	3900 U	4500 U	241 J	190 J	4500 U	4200 U	3800 U	3800 U	25000 U	5600 U	3500 U	3200 U	3200 U	3700 U	3700 U	4500 U	5900 U
Fluorodichloromethane (DCFM)	NC	5000 U	5000 U	3800 U	4100 U	4500 U	4200 U	3800 U	3800 U	25000 U	5000 U	3500 U	3200 U	3200 U	5000 U	5000 U	5000 U	5000 U

NOTES:  
(1) Soil Cleanup Objective is Protection of Public Health for Residential Use (6NYCRR Subpart 3.75-6.8(b))  
(2) There is no Soil Cleanup Objective for m/p-xylenes or o-xylene.  
The Soil Cleanup Objective for total xylenes is 100,000 ug/kg.  
Bold shaded values exceed Soil Cleanup Objective  
B - Analyte found in associated method blank  
NC - No Soil Cleanup Objective  
U - Not detected  
J - Estimated value  
UJ - Estimated nondetect

Table 1  
Volatile Organic Compounds in Soil  
Long Island Rail Road Morris Park Yard

SAMPLE NAME	NYSDEC Brownfield Residential Use Soil Cleanup Objectives <sup>(1)</sup>	B-7(69-71) MW-30D X4449-03 09/12/06 69-71 foot 1.0 ug/Kg	B-7(145-147) MW-30D X4559-01 09/13/06 145-147 foot 1.0 ug/Kg	Field Blank X4794-03 10/3/2006 NA	Trip Blank X4794-04 10/3/2006 NA	FIELDBLANK X4449-04 09/11/06 NA	TRIPBLANK X4449-05 09/11/06 NA	FIELDBLANK X4572-03 09/15/06 NA	TRIPBLANK X4572-04 09/15/06 NA	FIELDBLANK X4559-02 09/13/06 NA	TRIPBLANK X4559-03 09/13/06 NA	FIELDBLANK X4494-13 09/20/06 NA	TRIPBLANK X4494-14 09/20/06 NA	FIELDBLANK X4673-03 09/22/06 NA	TRIPBLANK X4673-04 09/22/06 NA
LAB SAMPLE ID DATE SAMPLED DEPTH INTERVAL DILUTION FACTOR	(ug/Kg)	ug/Kg	ug/Kg	ug/L	ug/L	ug/L	ug/Kg	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane (DCDFM)	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	210	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane (TCFM)	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichlorotrifluoroethane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	100,000	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	100,000	2800 U	2900 U	10 JB	9.9 JB	9.6 J	2300 U	7.3 J	25 U	10 J	7.3 J	25 U	25 U	25 U	25 U
Carbon Disulfide	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Tert-Butyl Ether	62,000	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Acetate	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	51,000	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	100,000	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	19,000	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cyclohexane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone	100,000	2800 U	2900 U	25 U	25 U	25 U	2300 U	25 U	2.5 U	25 U	25 U	2.5 J	1.4 J	25 U	25 U
Carbon Tetrachloride	1,400	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	59,000	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	10,000	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane	100,000	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylcyclohexane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	2,900	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	2,300	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene (TCE)	10,000	570 U	970	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone	NC	2800 U	2900 U	25 U	25 U	25 U	2300 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Toluene	100,000	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
t-1,3-Dichloropropene	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	NC	2800 U	2900 U	25 U	25 U	25 U	2300 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Dibromochloromethane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene (PCE)	5,500	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	100,000	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	30,000	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
m/p-Xylenes	100,000 <sup>(2)</sup>	1100 U	1200 U	10 U	10 U	10 U	930 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
o-Xylene	100,000 <sup>(2)</sup>	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	17,000	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	9,800	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	100,000	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-Chloropropane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorofluoromethane	NC	570 U	580 U	5.0 U	5.0 U	5.0 U	460 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorodifluoromethane (CDFM)	NC	5700 U	5800 U	50 U	50 U	50 U	4600 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Fluorodichloromethane (DCFM)	NC	5000 U	5000 U	50 U	4600 U	50 U	5000 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U

NOTES:  
(1) Soil Cleanup Objective is Protection of Public Health for Residential Use (6NYCRR Subpart 3.75-6.8(b))  
(2) There is no Soil Cleanup Objective for m/p-xylenes or o-xylene.  
The Soil Cleanup Objective for total xylenes is 100,000 ug/kg.  
Bold shaded values exceed Soil Cleanup Objective  
B - Analyte found in associated method blank  
NC - No Soil Cleanup Objective  
U - Not detected  
J - Estimated value  
UJ - Estimated nondetect



**TABLE 2A**  
**Volatile Organic Compounds in Groundwater**

**Table 2A**  
**Volatile Organic Compounds in Groundwater**  
**Long Island Rail Road Morris Park Yard**

WELL TYPE		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	
SAMPLE NAME	Class GA Groundwater Standards/ Guidance	MW-1-60	MW-2-50R	MW-2D-60	MW-2U-60	MW-3U-60	MW3D-60	MW-4-60	MW-5-60	MW-PMW-05	MW-6-60	MW-8-60	MW-9-60	MW-10-60	MW-11-60	MW-12-60	MW-15-60	MW-16-60	MW-17-50R	MW-19-60	MW-20-50	MW-21S	MW-22S
LAB SAMPLE ID	Standards/ Guidance	X5892-04	X5892-14	X5669-13	X5892-13	X5831-10	X5669-12	X5831-11	X5831-14	X5892-12	X5831-05	X5892-08	X5669-07	X5669-09	X5669-10	X5831-13	X5831-01	X5831-04	X5892-16	X5831-12	X5892-10	X5831-07	X5669-03
DATE SAMPLED	Values <sup>2</sup> (ppb)	12/13/06	12/14/06	12/01/06	12/14/06	12/07/06	11/30/06	12/07/06	12/07/06	12/14/06	12/06/06	12/14/06	11/30/06	11/30/06	11/30/06	12/07/06	12/06/06	12/06/06	12/15/06	12/07/06	12/14/06	12/06/06	11/28/06
Dichlorodifluoromethane (DCDFM)	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Chloromethane	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Vinyl Chloride	2.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Bromomethane	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Chloroethane	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Trichlorofluoromethane (TCFM)	5.00 <sup>1</sup>	3.0 J	10	51	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	3.4 J	5.0 U	5.0 U	2.6 J	5.0 U	5.0 U	5.0 U	3.4 J	5.0 U	1.3 J	5.0 U	5.0 U	5.0 U	
1,1,2-Trichlorotrifluoroethane	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,1-Dichloroethene	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Acetone	50.00 <sup>2</sup>	25.0 U	25.0 U	25.0 U	14 J	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	
Carbon Disulfide	60.00 <sup>2</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
MTBE	10.00 <sup>2</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.4 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Methyl Acetate	N/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Methylene Chloride	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3	5.0 U	5.0 U	5.0 U	
trans-1,2-Dichloroethene	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,1-Dichloroethane	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Cyclohexane	N/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.9 J	5.0 U	5.0 U	4.1 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
2-Butanone	50.00 <sup>2</sup>	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	
Carbon Tetrachloride	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
cis-1,2-Dichloroethene	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Chloroform	7.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.5 J	5.0 U	5.0 U	5.0 U	
1,1,1-Trichloroethane	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Methylcyclohexane	N/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.5 J	5.0 U	5.0 U	6.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Benzene	1.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	9.0	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,2-Dichloroethane	0.600 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Trichloroethene (TCE)	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,2-Dichloropropane	1.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Bromodichloromethane	50.00 <sup>2</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
4-Methyl-2-Pentanone	N/L	25.0 U	25.0 U	25.0 U	6.3 J	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	
Toluene	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
trans-1,3-Dichloropropene <sup>1</sup>	0.40 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
cis-1,3-Dichloropropene <sup>3</sup>	0.40 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,1,2-Trichloroethane	1.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
2-Hexanone	50.00 <sup>2</sup>	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	
Dibromochloromethane	50.00 <sup>2</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,2-Dibromoethane	0.006 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Tetrachloroethene (PCE)	5.00 <sup>1</sup>	1.2 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	3.6 J	5.0 U	5.0 U	1.1 J	3.7 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Chlorobenzene	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Ethylbenzene	5.00 <sup>1</sup>	5.0 U	3.8 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	16	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	7.4	5.0 U	5.0 U	5.0 U	
m/p-Xylenes	5.00 <sup>1</sup>	10.0 U	2.6 J	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	1.6 J	10.0 U	10.0 U	10.0 U	
o-Xylene	5.00 <sup>1</sup>	5.0 U	1.3 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Styrene	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Bromoform	50.00 <sup>2</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Isopropylbenzene	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.4 J	5.0 U	5.0 U	9.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	8.1	5.0 U	5.0 U	5.0 U	
1,1,2,2-Tetrachloroethane	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,3-Dichlorobenzene	3.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,4-Dichlorobenzene	3.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,2-Dichlorobenzene	3.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,2-Dibromo-3-Chloropropane	0.04 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,2,4-Trichlorobenzene	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Chlorofluoromethane	N/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.3 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Fluorodichloromethane (DCFM)	5.00 <sup>1</sup>	5.0 U	4.81 J	85	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	17	5.0 U	5.0 U	5.0 U	
Chlorodifluoromethane (CDFM)	5.00 <sup>1</sup>	5.0 U	5.0 U																				

**NOTES:**  
All results in micrograms per liter (ug/L) or parts per billion (ppb)

Bold shaded values exceed Class GA Values.

<sup>1</sup> - New York State Ambient Water Quality Standard.<sup>2</sup> - New York State Ambient Water Quality Guidance Value.

<sup>3</sup> - 0,4 ug/l applies to the sum of cis- and trans-1,3-dichloropropene.

<sup>4</sup> - Total CFCs = the sum of dichlorodifluoromethane,

trichlorofluoromethane, fl

N/L= No Class GA Value

U = Not detected  
L = Approximate value

D = Sample was diluted

UJ = Estimated non-

ND = Not detected

NA = Not analyzed

Shallow = refers to wells screened to intercept top of unconsolidated aquifer

Deep = refers to wells screened from 20 to 40 feet above to

bottom of unconsolidated aquifer

**Table 2A**  
**Volatile Organic Compounds in Groundwater**  
**Long Island Rail Road Morris Park Yard**

[illegible]

All results in micrograms per liter (ug/L) or parts per billion (ppb)

Bold shaded values exceed Class GA Values.

<sup>4</sup> - New York State Ambient Water Quality Standard.<sup>2</sup> - New York State Ambient Water Quality Guidance Value

<sup>3</sup> - 0.4 ug/l applies to the sum of cis- and trans-1,3-dichloropropene.

\* - Total CFCs = the sum of dichlorodifluoromethane,

3.1.6     3.1.6.1     3.1.6.2     3.1.6.3     3.1.6.4

N = Not detected

J = Approximate value

D = Sample was diluted

ND = Not detected

NA = Not analyzed

Shallow = refers to

Deep – refers to wells screened from 20 to 40 feet ab

bottom of unconsolidated aquifer

Table 2A  
Volatile Organic Compounds in Groundwater  
Long Island Rail Road Morris Park Yard

WELL TYPE		Deep	QA/QC	QA/QC	QA/QC	QA/QC	QA/QC	QA/QC	QA/QC	QA/QC	Shallow	Shallow
SAMPLE NAME	Class GA Groundwater Standards <sup>1</sup> / Guidance	MW-33D	FIELDBLANK	TRIPBLANK	TRIPBLANK	TRIPBLANK	TRIPBLANK	DUP 1	FB 1	TB	MW6-60(DUP)	MW17-60R(DUP)
LAB SAMPLE ID		08B41929	X5892-15	X5892-01	X5892-19	X5831-09	X5831-09	08B41927	08B41930	08B41931	X5831-06	X5892-17
DATE SAMPLED	Values <sup>2</sup> (ppb)	10/14/2008	12/06/06	12/11/06	12/11/06	12/11/2006	12/11/2006	10/14/2008	10/14/2008	10/14/2008	12/06/06	12/6/2006
Dichlorodifluoromethane (DCDFM)	5.00 <sup>1</sup>	<b>40.8</b>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.85 J	2.0 U	2.0 U	5.0 U	5.0 U
Chloromethane	5.00 <sup>1</sup>	0.32 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 UJ	2.0 U	2.0 U	5.0 U	5.0 U
Vinyl Chloride	2.00 <sup>1</sup>	2.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	<b>10.1</b>	2.0 U	2.0 U	5.0 U	5.0 U
Bromomethane	5.00 <sup>1</sup>	2.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 UJ	2.0 UJ	2.0 UJ	5.0 U	5.0 U
Chloroethane	5.00 <sup>1</sup>	2.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U
Trichlorofluoromethane (TCFM)	5.00 <sup>1</sup>	2.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 J
1,1,2-Trichlorotrifluoroethane	5.00 <sup>1</sup>	0.08 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
1,1-Dichloroethene	5.00 <sup>1</sup>	3.3	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.11 J	1.0 U	1.0 U	5.0 U	5.0 U
Acetone	50.00 <sup>2</sup>	50.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	50.0 U	1.49 J	0.66 J	25.0 U	25.0 U
Carbon Disulfide	60.00 <sup>2</sup>	3.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U	5.0 U	5.0 U
MTBE	10.00 <sup>2</sup>	<b>45.8</b>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	<b>11.2 J</b>	1.0 U	1.0 U	5.8	5.0 U
Methyl Acetate	N/L	1.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 UJ	1.0 UJ	1.0 UJ	5.0 U	5.0 U
Methylene Chloride	5.00 <sup>1</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 J
trans-1,2-Dichloroethene	5.00 <sup>1</sup>	0.66 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5.00 <sup>1</sup>	1.1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.26 J	1.0 U	1.0 U	5.0 U	5.0 U
Cyclohexane	N/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.3 J	5.0 U
2-Butanone	50.00 <sup>2</sup>	20.0 U	25.0 U	25 U	25.0 U	25.0 U	25.0 U	20.0 U	20.0 U	20.0 U	25.0 U	25.0 U
Carbon Tetrachloride	5.00 <sup>1</sup>	1.1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5.00 <sup>1</sup>	<b>27.7</b>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	<b>6.6</b>	2.0 U	2.0 U	5.0 U	5.0 U
Chloroform	7.00 <sup>1</sup>	1.3 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	3.8 J	2.0 U	2.0 U	5.0 U	1.4 J
1,1,1-Trichloroethane	5.00 <sup>1</sup>	0.72 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.16 J	1.0 U	1.0 U	5.0 U	5.0 U
Methylcyclohexane	N/L	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	6.4	5.0 U
Benzene	1.00 <sup>1</sup>	0.09 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.1 J	1.0 U	1.0 U	<b>9.0</b>	5.0 U
1,2-Dichloroethane	0.600 <sup>1</sup>	0.32 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
Trichloroethene (TCE)	5.00 <sup>1</sup>	<b>1810</b>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	<b>22.1</b>	1.0 U	1.0 U	5.0 U	5.0 U
1,2-Dichloropropane	1.00 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
Bromodichloromethane	50.00 <sup>2</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.33 J	1.0 U	1.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone	N/L	10.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	10.0 U	10.0 U	10.0 U	25.0 U	25.0 U
Toluene	5.00 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene <sup>3</sup>	0.40 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene <sup>3</sup>	0.40 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	1.00 <sup>1</sup>	0.62 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
2-Hexanone	50.00 <sup>2</sup>	10.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	10.0 U	10.0 U	10.0 U	25.0 U	25.0 U
Dibromochloromethane	50.00 <sup>2</sup>	0.5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.5 U	0.5 U	0.5 U	5.0 U	5.0 U
1,2-Dibromoethane	0.006 <sup>1</sup>	0.5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.5 U	0.5 U	<b>0.5</b> U	5.0 U	5.0 U
Tetrachloroethene (PCE)	5.00 <sup>1</sup>	<b>198</b>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	<b>10.5 J</b>	1.0 U	1.0 U	5.0 U	5.0 U
Chlorobenzene	5.00 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
Ethylbenzene	5.00 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	<b>16</b>	<b>7.1</b>
m/p-Xylenes	5.00 <sup>1</sup>	2.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	2.0 U	2.0 U	2.0 U	1.3 J	1.8 J
o-Xylene	5.00 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
Styrene	5.00 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
Bromoform	50.00 <sup>2</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
Isopropylbenzene	5.00 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	<b>9.9</b>	<b>7.8</b>
1,1,2,2-Tetrachloroethane	5.00 <sup>1</sup>	0.5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.5 U	0.5 U	0.5 U	5.0 U	5.0 U
1,3-Dichlorobenzene	3.00 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	3.00 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	3.00 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
1,2-Dibromo-3-Chloropropane	0.04 <sup>1</sup>	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	<b>5.0</b> UJ	5.0 U	5.0 U
1,2,4-Trichlorobenzene	5.00 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
Chlorofluoromethane	N/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	NA	5.5	5.0 U
Fluorodichloromethane (DCFM)	5.00 <sup>1</sup>	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	<b>11</b>
Chlorodifluoromethane (CDFM)	5.00 <sup>1</sup>	1 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	1 UJ	1 UJ	1 UJ	50 UJ	50 UJ
TOTAL CFCs <sup>4</sup>		40.8	ND	ND	ND	ND	ND	0.85 J	ND	ND	ND	12

NOTES:  
All results in micrograms per liter (ug/L) or parts per billion (ppb)

Bold shaded values exceed Class GA Values.

<sup>1</sup> - New York State Ambient Water Quality Standard.

<sup>2</sup> - New York State Ambient Water Quality Guidance Value.

<sup>3</sup> - 0.4 ug/l applies to the sum of cis- and trans-1,3-dichloropropene.

<sup>4</sup> - Total CFCs = the sum of dichlorodifluoromethane,

trichlorofluoromethane, fluorodichloromethane, and chlorodifluoromethane

N/L= No Class GA Value

U = Not detected

J = Approximate value

D = Sample was diluted

UJ = Estimated nondetect

ND = Not detected

NA = Not analyzed

Shallow = refers to wells screened to intercept top of

unconsolidated aquifer

Deep = refers to wells screened from 20 to 40 feet above to

bottom of unconsolidated aquifer

**TABLE 2B**  
**Semi-Volatile Organic Compounds in Groundwater**

Table 2B  
Semi-Volatile Organic Compounds in Groundwater  
Long Island Rail Road Morris Park Yard

WELL TYPE		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow		
SAMPLE NAME LAB SAMPLE ID DATE SAMPLED Semi-Volatile Organic Compound	Class GA Groundwater Standards <sup>1</sup> / Guidance Values <sup>2</sup> (ppb)	MW-1-60 X5892-04 12/13/06 ug/L	MW-2-50R X5892-14 12/14/06 ug/L	MW-2D-60 X5669-13 12/01/06 ug/L	MW-2U-60 X5892-13 12/14/06 ug/L	MW-3D-60 X5669-12 11/30/06 ug/L	MW-3U-60 X5831-10 12/07/06 ug/L	MW-4-60 X5831-11 12/07/06 ug/L	MW-PMW-05 X5892-12 12/14/06 ug/L	MW-5-60 X5831-14 12/07/06 ug/L	MW-6-60 X5831-05 12/06/06 ug/L	MW-8-60 X5892-08 12/14/06 ug/L	MW-9-60 X5669-07 11/30/06 ug/L	MW-10-60 X5669-09 11/30/06 ug/L	MW-11-60 X5669-10 11/30/06 ug/L	MW-12-60 X5831-13 12/07/06 ug/L	MW-15-60 X5831-01 12/06/06 ug/L	MW-16-60 X5831-04 12/06/06 ug/L	MW-17-50R X5892-16 12/15/06 ug/L	MW-19-60 X5831-12 12/07/06 ug/L	MW-20-50 X5892-10 12/14/06 ug/L	MW-21S X5831-07 12/06/06 ug/L	MW-22S X5669-03 11/28/06 ug/L	MW-23S X5669-04 11/29/06 ug/L	MW-24S X5669-06 11/29/06 ug/L	MW-25S X5669-01 11/28/06 ug/L	
bis(2-Chloroethyl)ether	1 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U
1,2-Dichlorobenzene	3 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	1.6 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U
1,3-Dichlorobenzene	3 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U
1,4-Dichlorobenzene	3 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U
2,2-oxybis(1-Chloropropane)	5 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U
N-Nitroso-di-n-propylamine	N/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U
Hexachloroethane	5 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U
Nitrobenzene	0.4 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U
Isophorone	50 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U
bis(2-Chloroethoxy)methane	5 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U
1,2,4-Trichlorobenzene	5 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	11 U
Naphthalene	10 <sup>1</sup>	11 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	68	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	11 U
4-Chloroaniline	5 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	11 U
Hexachlorobutadiene	0.5 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	11 U
2-Methylnaphthalene	N/L	11 U	1.1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	300 D <sup>(5)</sup>	10 U	10 U	10 U	10 U	10 U	10 U	1.4 J	200 D <sup>(10)</sup>	10 U	10 U	10 U	11 U	11 U	10 U	10 U	11 U
Hexachlorocyclopentadiene	5 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	11 U
2-Chloronaphthalene	10 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	11 U
2-Nitroaniline	5 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	11 U
Dimethyl phthalate	50 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	11 U
Acenaphthylene	N/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
2,6-Dinitrotoluene	5 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	11 U
3-Nitroaniline	5 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	11 U
Acenaphthene	20 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Dibenzofuran	N/L	11 U	10 U	10 U	10 U	10 U	10 U	1.4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8.3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
2,4-Dinitrotoluene	5 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U
Diethyl phthalate	50 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U
4-Chlorophenyl phenyl ether	N/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Fluorene	50 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	1.7 J	10 U	27	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
4-Nitroaniline	5 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
N-Nitrosodiphenylamine	50 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
4-Bromophenyl phenyl ether	N/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Hexachlorobenzene	0.04 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Phenanthrene	50 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	37	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Anthracene	50 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3.6 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Carbazole	N/L	11 U	10 U	10 U	10 U	10 U	10 U	2.6 J	10 U	10 U	11	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Di-n-butyl phthalate	50 <sup>1</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Fluoranthene	50 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Pyrene	50 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Butyl benzyl phthalate	50 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
3,3'-Dichlorobenzidine	5 <sup>1</sup>	22 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U	22 U	22 U	20 U	20 U	20 U	20 U	20 U	22 U	22 U	10 U	10 U	10 U	11 U
Benzo(a)anthracene	0.002 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Chrysene	0.002 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
bis(2-Ethylhexyl)phthalate	5 <sup>1</sup>	11 U	10 U	2.4 JB	3.7 J	3.5 JB	10 U	10 U	10 U	10 U	10 U	10 U	4.3 JB	8.5 JB	2.4 JB	10 U	10 U	10 U	3.7 J	10 U	10 U	10 U	3.9 J	2.5 JB	2.1 JB	3.2 JB	5.6 JB
Di-n-octyl phthalate	50 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Benzo(b)fluoranthene	0.002 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Benzo(k)fluoranthene	0.002 <sup>2</sup>	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Benzo(a)pyrene	ND	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Indeno(1,2,3-cd)pyrene	0.002 <sup>2</sup>	11 U	10 U	10 U	10 U</																						

Table 2B  
Semi-Volatile Organic Compounds in Groundwater  
Long Island Rail Road Morris Park Yard

WELL TYPE		Shallow	Shallow	Shallow	Shallow	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Deep	QA/QC	QA/QC	
SAMPLE NAME	Class GA	MW-26S	MW-28S	MW-17-	MW-6-60																FIELDBLANK	FIELDBLANK	
LAB SAMPLE ID	Groundwater Standards <sup>1</sup> / <sub></sub>	X5831-16	X5892-03	X5892-17	X5831-06	X5892-05	X5892-11	MW-3-160	X5831-03	X5831-15	X5831-02	X5892-09	X5669-08	X5669-11	X5831-08	X5669-05	X5669-02	X5892-18	X5892-02	X5892-06	X5892-07	X5831-09	X5892-15
DATE SAMPLED	Guidance Values <sup>2</sup> (ppb)	12/08/06	12/13/06	12/15/06	12/06/06	12/13/06	12/14/06	12/06/06	12/06/06	12/07/06	12/06/06	12/14/06	11/30/06	11/30/06	12/06/06	11/29/06	11/28/06	12/15/06	12/13/06	12/14/06	12/14/06	12/06/06	12/15/06
Semi-Volatile Organic Compound		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
bis(2-Chloroethyl)ether	1 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
1,2-Dichlorobenzene	3 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
1,3-Dichlorobenzene	3 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
1,4-Dichlorobenzene	3 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
2,2-oxybis(1-Chloropropane)	5 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
N-Nitroso-di-n-propylamine	N/L	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Hexachloroethane	5 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Nitrobenzene	0.4 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Isophorone	50 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
bis(2-Chloroethoxy)methane	5 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
1,2,4-Trichlorobenzene	5 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Naphthalene	10 <sup>1</sup>	10 U	11 U	6.1 J	54	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
4-Chloroaniline	5 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Hexachlorobutadiene	0.5 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
2-Methylnaphthalene	N/L	10 U	11 U	170 D <sup>(10)</sup>	230 D <sup>(5)</sup>	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	1.4 J	11 U	11 U	11 U	11 U	10 U
Hexachlorocyclopentadiene	5 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
2-Chloronaphthalene	10 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
2-Nitroaniline	5 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Dimethyl phthalate	50 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Acenaphthylene	N/L	10 U	11 U	1.8 J	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
2,6-Dinitrotoluene	5 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
3-Nitroaniline	5 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Acenaphthene	20 <sup>2</sup>	10 U	11 U	4.9 J	7.4 J	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Dibenzofuran	N/L	10 U	11 U	6.7 J	7.1 J	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
2,4-Dinitrotoluene	5 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Diethyl phthalate	50 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	6 J
4-Chlorophenyl phenyl ether	N/L	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Fluorene	50 <sup>2</sup>	10 U	11 U	9.6 J	14	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
4-Nitroaniline	5 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
N-Nitrosodiphenylamine	50 <sup>2</sup>	10 U	11 U	7.1 J	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
4-Bromophenyl phenyl ether	N/L	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Hexachlorobenzene	0.04 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Phenanthrene	50 <sup>2</sup>	10 U	11 U	14	14	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Anthracene	50 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Carbazole	N/L	10 U	11 U	10 U	13	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Di-n-butyl phthalate	50 <sup>1</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	1.4 J
Fluoranthene	50 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Pyrene	50 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Butyl benzyl phthalate	50 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
3,3'-Dichlorobenzidine	5 <sup>1</sup>	20 U	22 U	21 U	20 U	21 U	21 U	22 U	20 U	21 U	20 U	20 U	22 U	21 U	20 U	11 U	10 U	20 U	22 U	22 U	22 U	22 U	20 U
Benzo(a)anthracene	0.002 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Chrysene	0.002 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
bis(2-Ethylhexyl)phthalate	5 <sup>1</sup>	10 U	11 U	3.0 J	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	8.1 JB	11 U	3.5 J	2.3 JB	2.9 JB	10 U	11 U	11 U	11 U	11 U	10 U
Di-n-octyl phthalate	50 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Benzo(b)fluoranthene	0.002 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Benzo(k)fluoranthene	0.002 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Benzo(a)pyrene	ND	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U
Indeno(1,2,3-cd)pyrene	0.002 <sup>2</sup>	10 U	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U													

NOTES:  
All results in micrograms per liter (ug/L) or parts per billion (ppb)  
<sup>1</sup> = New York State Ambient Water Quality Standard.  
<sup>2</sup> = New York State Ambient Water Quality Guidance Value.  
N/L = No Class GA Value  
Bold shaded values exceeds Class GA Values.  
U - Not detected  
J - Approximate value  
D - Sample diluted by factor indicated  
UI = Estimated nondetect  
JB - Approximate value, analyte found in associated method  
blank  
Shallow = refers to wells screened to intercept top of unconsolidated aquifer  
Deep = refers to wells screened from 20 to 40 feet above to bottom of unconsolidated aquifer

**TABLE 3A**  
**Comparison of Groundwater Sampling Results - VOCs in Shallow Wells**



Table 3A  
Comparison of Groundwater Sampling Results - VOCs in Shallow Wells  
Long Island Rail Road Morris Park Yard

Volatile Organic Compound	Class GA Groundwater Standards <sup>1</sup> / Guidance Value <sup>2</sup> (ppb)	MW-1-60			MW-2-50R			MW-2U-60			MW-2D-60				MW-3D-60			MW-3U-60			MW-4-60			
		1/23/97-STV	12/28/2005- LIRR	2006 TRC	1/27/1997- STV	12/28/2005- LIRR	2006 TRC	1/27/97 - STV	12/28/2005- LIRR	2006 TRC	1/23/97 -STV	10/3/2005-LIRR	12/28/2005- LIRR	2006 TRC	1/28/97 -STV	12/28/2005- LIRR	2006 TRC	1/30/97 -STV	3/15/2005- LIRR	2006 TRC	4/25/96 -STV	12/28/2005- LIRR	2006 TRC	
Dichlorodifluoromethane (DCDFM)	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	NS	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
Chloromethane	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	NS	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
Vinyl chloride	2.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromomethane	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	NS	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
Chloroethane	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	NS	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
Trichlorofluoromethane (TCFM)	5.00 <sup>3</sup>	<b>580</b>	<b>D</b>	ND	3.0	<b>J</b>	<b>52</b>	ND	<b>10</b>	<b>40</b>	<b>18</b>	ND	<b>46</b>	<b>37</b>	NS	<b>51</b>	<b>D</b>	ND	ND	ND	ND	ND	ND	
1,1,2-Trichlorotrifluoroethane	5.00 <sup>3</sup>	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	
1,1-Dichloroethene	5.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acetone	50.00 <sup>3</sup>	NA	NA	ND	NA	NA	ND	NA	NA	14	<b>J</b>	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	
Carbon Disulfide	60.00 <sup>3</sup>	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	
MTBE	10.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	<b>13</b>	ND	ND	ND	4	ND	ND	ND	ND	
Methyl Acetate	N/L	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	
Methylene chloride	5.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	5.00 <sup>3</sup>	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	
1,1-Dichloroethane	5.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	
Cyclohexane	N/L	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	2.9	<b>J</b>
2-Butanone	50.00 <sup>3</sup>	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	
Carbon Tetrachloride	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	NS	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
1,2-Dichloroethene (Total)	N/L	NA	ND	ND	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	ND	2	NA	NA	ND	NA	
cis-1,2-Dichloroethene	5.00 <sup>3</sup>	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	
Chloroform	7.00 <sup>3</sup>	1	<b>J</b>	ND	ND	ND	ND	2	<b>J</b>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,1-Trichloroethane	5.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Methylcyclohexane	N/L	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	4.5	<b>J</b>
Benzene	1.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	
1,2-Dichloroethane	0.600 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
Trichloroethene (TCE)	5.00 <sup>3</sup>	ND	ND	ND	2	<b>J</b>	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	4	<b>J</b>	<b>17</b>	ND	ND	ND	
1,2-Dichloropropane	1.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
Bromodichloromethane	50.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Methyl-2-Pentanone	N/L	NA	NA	ND	NA	NA	ND	NA	NA	6.3	<b>J</b>	NA	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	
Toluene	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	NS	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
trans-1,3-Dichloropropene <sup>3</sup>	0.40 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	NS	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
cis-1,3-Dichloropropene <sup>2</sup>	0.40 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	NS	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
1,1,2-Trichloroethane	1.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
2-Hexanone	50.00 <sup>3</sup>	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	
Dibromochloromethane	50.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dibromoethane	0.006 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
Tetrachloroethene (PCE)	5.00 <sup>3</sup>	<b>8</b>	<b>9.8</b>	1.2	<b>J</b>	1	<b>J</b>	ND	ND	2	<b>J</b>	ND	ND	1	<b>J</b>	ND	NS	ND	2	<b>J</b>	ND	ND	2	ND
Chlorobenzene	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	NS	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
Ethylbenzene	5.00 <sup>3</sup>	ND	ND	ND	<b>6</b>	ND	3.8	<b>J</b>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
m/p-Xylenes	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	2.6	<b>J</b>	NA	ND	NA	ND	NS	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
o-Xylene	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	1.3	<b>J</b>	NA	ND	ND	NA	NS	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
Total Xylenes	N/L	ND	NA	NA	7	NA	NA	NA	ND	NA	NA	NA	NS	NA	ND	NA	NA	ND	NA	ND	NA	NA	NA	
Styrene	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	NS	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
Bromoform	50.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
Isopropylbenzene	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	1.4	<b>J</b>
1,1,2,2-Tetrachloroethane	5.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,3-Dichlorobenzene	3.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
1,4-Dichlorobenzene	3.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
1,2-Dichlorobenzene	3.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
1,2-Dibromo-3-chloropropane	0.04 <sup>4</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
1,2,4-Trichlorobenzene	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
Chlorofluoromethane (CFM)	N/L	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	
Fluorodichloromethane (DCFM)	5.00 <sup>3</sup>	ND	NA	ND	<b>660</b>	<b>D</b>	NA	4.81	<b>J</b>	ND	NA	ND	<b>14</b>	NA	NA	<b>85</b>	ND	NA	ND	NA	NA	ND	NA	ND
1,1,1,2-Tetrachloroethane	5.00 <sup>3</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
1,1-Dichloropropene	5.00 <sup>3</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
1,2,3-Trichlorobenzene	5.00 <sup>3</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
1,2,3-Trichloropropane	0.04 <sup>4</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
1,2,3-Trimethylbenzene	5.00 <sup>3</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
1,2,4-Trimethylbenzene	5.00 <sup>3</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
1,3,5-Trimethylbenzene	5.00 <sup>3</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
1,3-Dichloropropane	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	
1-Chlorohexane	N/L	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
2,2-Dichloropropane	5.00 <sup>3</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
2-Chlorotoluene	5.00 <sup>3</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
4-Chlorotoluene	5.00 <sup>3</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
Bromobenzene	5.00 <sup>3</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
Bromochloromethane	5.00 <sup>3</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
Chlorodifluoromethane (CDFM)	5.00 <sup>3</sup>	NA	ND	ND	<b>32</b>	ND	ND	<b>23</b>	ND	ND	<b>9</b>	NA	NS	<b>5.73</b>	<b>J</b>	ND	ND	ND	ND	NA	ND	NA	ND	ND
Dibromomethane	5.00 <sup>3</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NS	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	
Hexachlorobutadiene	0.50 <sup>2</sup>	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NS	NA	NA	ND	NA	NA	ND	NA	NA	ND		

Table 3A  
Comparison of Groundwater Sampling Results - VOCs in Shallow Wells  
Long Island Rail Road Morris Park Yard

Volatile Organic Compound	Class GA Groundwater Standards <sup>1/</sup> Guidance Value <sup>2</sup> (ppb)	MW-5-60			MW-PMW-5		MW-8-60		MW-9-60			MW-10-60			MW-11-60			MW-12-60		
		1/28/97-STV	12/28/2005- LIRR	2006 TRC	12/28/2005- LIRR	2006 TRC	1/23/97 -STV	2006 TRC	1/21/97 -STV	12/28/2005- LIRR	2006 TRC	1/21/97 -STV	12/28/2005- LIRR	2006 TRC	1/21/97 -STV	12/28/2005- LIRR	2006 TRC	1/30/97 -STV	12/28/2005- LIRR	2006 TRC
Dichlorodifluoromethane (DCDFM)	5.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
Chloromethane	5.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
Vinyl chloride	2.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
Chloroethane	5.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
Trichlorofluoromethane (TCFM)	5.00 <sup>3</sup>	ND	ND	ND	ND	3.4 J	120	ND	200	ND	2.6 J	520 D	ND	ND	2 J	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5.00 <sup>3</sup>	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
1,1-Dichloroethene	5.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50.00 <sup>3</sup>	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Carbon Disulfide	60.00 <sup>3</sup>	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
MTBE	10.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	N/L	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Methylene chloride	5.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.00 <sup>3</sup>	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
1,1-Dichloroethane	5.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	N/L	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
2-Butanone	50.00 <sup>3</sup>	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Carbon Tetrachloride	5.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
1,2-Dichloroethene (Total)	N/L	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
cis-1,2-Dichloroethene	5.00 <sup>3</sup>	NA	ND	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Chloroform	7.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	N/L	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Benzene	1.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.600 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	NA	ND	NA	ND	ND	NA	ND	ND
Trichloroethene (TCE)	5.00 <sup>3</sup>	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND
1,2-Dichloropropane	1.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
Bromodichloromethane	50.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	N/L	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Toluene	5.00 <sup>3</sup>	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
trans-1,3-Dichloropropene <sup>3</sup>	0.40 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
cis-1,3-Dichloropropene <sup>2</sup>	0.40 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
1,1,2-Trichloroethane	1.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
2-Hexanone	50.00 <sup>3</sup>	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Dibromochloromethane	50.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.006 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
Tetrachloroethene (PCE)	5.00 <sup>3</sup>	ND	ND	ND	8.1	3.6 J	ND	ND	ND	ND	1.1 J	4 J	ND	3.7 J	ND	ND	ND	2 J	ND	ND
Chlorobenzene	5.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
Ethylbenzene	5.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylenes	5.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
o-Xylene	5.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
Total Xylenes	N/L	ND	NA	NA	NA	NA	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
Styrene	5.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
Bromoform	50.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
Isopropylbenzene	5.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
1,1,2,2-Tetrachloroethane	5.00 <sup>3</sup>	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
1,4-Dichlorobenzene	3.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
1,2-Dichlorobenzene	3.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
1,2-Dibromo-3-chloropropane	0.04 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
1,2,4-Trichlorobenzene	5.00 <sup>3</sup>	NA	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
Chlorofluoromethane (CFM)	N/L	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Fluorodichloromethane (DCFM)	5.00 <sup>3</sup>	ND	NA	ND	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	NA	ND
1,1,1,2-Tetrachloroethane	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
1,1-Dichloropropene	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
1,2,3-Trichlorobenzene	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
1,2,3-Trichloropropane	0.04 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
1,2,3-Trimethylbenzene	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
1,2,4-Trimethylbenzene	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
1,3,5-Trimethylbenzene	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
1,3-Dichloropropane	5.00 <sup>3</sup>	NA	ND	ND	ND	NA	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND
1-Chlorohexane	N/L	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
2,2-Dichloropropane	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
2-Chlorotoluene	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
4-Chlorotoluene	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
Bromobenzene	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
Bromochloromethane	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
Chlorodifluoromethane (CDFM)	5.00 <sup>3</sup>	ND	ND	ND	ND	ND	25	ND	110	ND	ND	200	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
Hexachlorobutadiene	0.50 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
Naphthalene	10.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
n-Butylbenzene	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
n-Propylbenzene	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
p-Isopropyltoluene	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
sec-Butylbenzene	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
tert-Butylbenzene	5.00 <sup>3</sup>	NA	ND	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA
Total CFCs <sup>4</sup>		ND	ND	ND	ND	3.4 J	145	ND	310	ND	2.6 J	720	ND	ND	2 J	ND	ND	ND	ND	ND
% Total Contaminant Reduction <sup>5</sup>		N/A			N/A		100 % DECREASE		99.2 % DECREASE			100 % DECREASE			100 % DECREASE			N/A		

NOTES:  
All results in micrograms per liter (ug/L) or parts per billion (ppb)  
<sup>1</sup> - New York State Ambient Water Quality Standard.  
<sup>2</sup> - New York State Ambient Water Quality Guidance Value.  
<sup>3</sup> - 0.4 ug/l applies to the sum of cis- and trans-1,3-dichloropropene  
<sup>4</sup> - Total CFCs = the sum of dichlorodifluoromethane, trichlorofluoromethane, fluorodichloromethane, and chlorodifluoromethane  
<sup>5</sup> - % Total Contaminant Reduction = percent change between STV 1997 results and TRC 2006 results  
<sup>6</sup> Monitoring well MW-17-60, which was sampled by STV in 1997, was reinstalled and renamed MW-

Table 3A  
Comparison of Groundwater Sampling Results - VOCs in Shallow Wells  
Long Island Rail Road Morris Park Yard

Volatile Organic Compound	Class GA Groundwater Standards <sup>1</sup> / Guidance Value <sup>2</sup> (ppb)	MW-15-60			MW-16-60			MW-17-50R <sup>3</sup>		MW-19-60			MW-20-50	
		1/29/97- STV	12/28/2005- LIRR	2006 TRC	1/29/1997- STV	12/28/2005- LIRR	2006 TRC	1/27/1997- STV	2006 TRC	1/30/1997- STV	12/28/2005- LIRR	2006 TRC	12/28/2005- LIRR	2006 TRC
Dichlorodifluoromethane (DCDFM)	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
Chloromethane	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
Vinyl chloride	2.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
Chloroethane	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
Trichlorofluoromethane (TCFM)	5.00 <sup>1</sup>	ND	5.3	3.4 J	ND	ND	ND	1500 D	1.3 J	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5.00 <sup>1</sup>	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND
1,1-Dichloroethene	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50.00 <sup>2</sup>	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND
Carbon Disulfide	60.00 <sup>2</sup>	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND
MTBE	10.00 <sup>2</sup>	ND	1.0	2.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	N/L	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND
Methylene chloride	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	ND	5.3	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.00 <sup>1</sup>	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND
1,1-Dichloroethane	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND
Cyclohexane	N/L	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND
2-Butanone	50.00 <sup>2</sup>	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND
Carbon Tetrachloride	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
1,2-Dichloroethene (Total)	N/L	NA	ND	NA	NA	NA	ND	NA	NA	NA	ND	NA	ND	NA
cis-1,2-Dichloroethene	5.00 <sup>1</sup>	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND
Chloroform	7.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	ND	1.5 J	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	21	ND	ND	ND	ND	ND	ND
Methylcyclohexane	N/L	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND
Benzene	1.00 <sup>1</sup>	ND	NA	6.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.600 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
Trichloroethene (TCE)	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
Bromodichloromethane	50.00 <sup>2</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	N/L	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND
Toluene	5.00 <sup>1</sup>	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene <sup>3</sup>	0.40 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
cis-1,3-Dichloropropene <sup>2</sup>	0.40 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
1,1,2-Trichloroethane	1.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
2-Hexanone	50.00 <sup>2</sup>	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND
Dibromochloromethane	50.00 <sup>2</sup>	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
1,2-Dibromoethane	0.006 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
Tetrachloroethene (PCE)	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	2 J	ND	3 J	ND	ND	ND	ND
Chlorobenzene	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
Ethylbenzene	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	ND	7.4	ND	ND	ND	ND	ND
m/p-Xylenes	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	1.6 J	NA	ND	ND	ND	ND
o-Xylene	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
Total Xylenes	N/L	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	NA	NA
Styrene	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
Bromoform	50.00 <sup>2</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
Isopropylbenzene	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	8.1	NA	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
1,4-Dichlorobenzene	3.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
1,2-Dichlorobenzene	3.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
Chlorofluoromethane (CFM)	N/L	NA	NA	2.3 J	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND
Fluorodichloromethane (DCFM)	5.00 <sup>1</sup>	ND	NA	ND	ND	NA	ND	45	17	ND	NA	ND	NA	ND
1,1,1,2-Tetrachloroethane	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
1,1-Dichloropropene	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
1,2,3-Trichlorobenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
1,2,3-Trichloropropane	0.04 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
1,2,3-Trimethylbenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
1,2,4-Trimethylbenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
1,3,5-Trimethylbenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
1,3-Dichloropropane	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND
1-Chlorohexane	N/L	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
2,2-Dichloropropane	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
2-Chlorotoluene	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
4-Chlorotoluene	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
Bromobenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
Bromochloromethane	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
Chlorodifluoromethane (CDFM)	5.00 <sup>1</sup>	ND	ND	6.54 J	ND	ND	ND	4 J	ND	ND	ND	ND	ND	ND
Dibromomethane	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
Hexachlorobutadiene	0.50 <sup>2</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
Naphthalene	10.00 <sup>2</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
n-Butylbenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
n-Propylbenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
p-Isopropyltoluene	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
sec-Butylbenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
tert-Butylbenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA
Total CFCs <sup>4</sup>		ND	5.3	9.94 J	ND	ND	ND	1,549 J	18.3 J	ND	ND	ND	ND	ND
% Total Contaminant Reduction <sup>5</sup>		100 % INCREASE			N/A			98.8 % DECREASE		N/A			N/A	

NOTES:  
All results in micrograms per liter (ug/L) or parts per billion (ppb)  
<sup>1</sup> - New York State Ambient Water Quality Standard.  
<sup>2</sup> - New York State Ambient Water Quality Guidance Value.  
<sup>3</sup> - 0.4 ug/l applies to the sum of cis- and trans-1,3-dichloropropene  
<sup>4</sup> - Total CFCs = the sum of dichlorodifluoromethane, trichlorofluoromethane, fluoro-dichloromethane, and chlorodifluoromethane  
<sup>5</sup> - % Total Contaminant Reduction = percent change between STV 1997 results and TRC 2006 results  
<sup>6</sup> Monitoring well MW-17-60, which was sampled by STV in 1997, was reinstalled and renamed MW-17-50R.  
N/L= No Class GA Value  
NA = Not analyzed  
N/A = Not applicable  
Not detected = Not detected above laboratory reporting limits  
Bold shaded values exceede Class GA Values.  
NS = Not sampled ND = Not detected  
D - Sample diluted J = Approximate value

**TABLE 3B**  
**Comparison of Groundwater Sampling Results - VOCs in Deep Wells**

Table 3B  
Comparison of Groundwater Sampling Results - VOCs in Deep Wells  
Long Island Rail Road Morris Park Yard

Volatile Organic Compound	Class GA Groundwater Standards <sup>1</sup> / Guidance Values <sup>2</sup> (ppb)	MW-1-140			MW-2-160R		MW-3-160		MW-5-180			MW-6-168			MW-8-150		MW-10-160			MW-11-140		
		1/23/97 -STV	12/28/2005- LIRR	2006 TRC	1/27/97- STV	2006 TRC	1/27/97- STV	2006 TRC	1/28/97 -STV	12/28/2005- LIRR	2006 TRC	1/29/97 -STV	12/28/2005- LIRR	2006 TRC	1/23/97 -STV	2006 TRC	1/21/97 -STV	12/28/2005- LIRR	TRC 2006	1/23/97 -STV	12/28/2005- LIRR	2006 TRC
Dichlorodifluoromethane (DCDFM)	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	24	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
Chloromethane	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
Vinyl Chloride	2.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
Chloroethane	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
Trichlorofluoromethane (TCFM)	5.00 <sup>1</sup>	660 D	ND	4.4 J	200 D	42	ND	1.7 J	2 J	ND	ND	ND	ND	1.2 J	ND	ND	680 D	ND	ND	420 D	ND	ND
1,1,2-Trichlorotrifluoroethane	5.00 <sup>1</sup>	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND
1,1-Dichloroethene	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	3.8 J	ND	ND	4.2 J	ND	ND	1.8 J	ND	1.1 J	ND	ND	2.6 J	2 J	ND	ND
Acetone	50.00 <sup>2</sup>	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND
Carbon Disulfide	60.00 <sup>2</sup>	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND
MTBE	10.00 <sup>2</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0 J	ND	ND	ND	ND	ND	2.1 J
Methyl Acetate	N/L	NA	NA	ND	NA	ND	ND	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND
Methylene chloride	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.00 <sup>1</sup>	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND
1,1-Dichloroethane	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4 J	ND	ND	ND	ND	ND	ND	ND	ND	2J	ND	ND
Cyclohexane	N/L	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND
2-Butanone	50.00 <sup>2</sup>	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND
Carbon Tetrachloride	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	DN	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
1,2-Dichloroethene (Total)	N/L	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
cis-1,2-Dichloroethene	5.00 <sup>1</sup>	NA	NA	ND	NA	ND	NA	1.5 J	NA	NA	11	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND
Chloroform	7.00 <sup>1</sup>	ND	ND	ND	14	ND	ND	1.6 J	6	ND	ND	1 J	ND	ND	ND	ND	ND	ND	1.5 J	10	ND	ND
1,1,1-Trichloroethane	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	2.8 J	ND	ND	ND	ND	ND	3.8 J	ND	1.1 J	ND	ND	3.1 J	2 J	ND	ND
Methylcyclohexane	N/L	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND
Benzene	1.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.600 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
Trichloroethene (TCE)	5.00 <sup>1</sup>	ND	7.7	ND	ND	ND	ND	160 J	ND	630	1400 D	ND	ND	1.0 J	ND	4.9 J	ND	ND	3.9 J	2 J	ND	ND
1,2-Dichloropropane	1.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
Bromodichloromethane	50.00 <sup>2</sup>	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND
4-Methyl-2-Pentanone	N/L	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND
Toluene	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
trans-1,3-Dichloropropene <sup>3</sup>	0.40 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
cis-1,3-Dichloropropene <sup>2</sup>	0.40 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
1,1,2-Trichloroethane	1.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
2-Hexanone	50.00 <sup>2</sup>	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND
Dibromochloromethane	50.00 <sup>2</sup>	ND	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.006 <sup>2</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
Tetrachloroethene (PCE)	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	ND	ND	6.4	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
Ethylbenzene	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylenes	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
o-Xylene	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
Total Xylenes	N/L	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA
Styrene	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
Bromoform	50.00 <sup>2</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
Isopropylbenzene	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
1,1,2,2-Tetrachloroethane	5.00 <sup>1</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
1,4-Dichlorobenzene	3.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
1,2-Dichlorobenzene	3.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
1,2-Dibromo-3-chloropropane	0.04 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
1,2,4-Trichlorobenzene	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
Chlorofluoromethane (CFM)	N/L	NA	NA	ND	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	ND
Fluorodichloromethane (DCFM)	5.00 <sup>1</sup>	27	NA	2.8 J	67	6.8	2 J	ND	NA	ND	ND	ND	NA	ND	ND	ND	63	NA	ND	49	NA	ND
1,1,1,2-Tetrachloroethane	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
1,1-Dichloropropene	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
1,2,3-Trichlorobenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
1,2,3-Trichloropropane	0.04 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
1,2,3-Trimethylbenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
1,2,4-Trimethylbenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
1,3,5-Trimethylbenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
1,3-Dichloropropane	5.00 <sup>1</sup>	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND
1-Chlorohexane	N/L	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA
2,2-Dichloropropane	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
2-Chlorotoluene	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
4-Chlorotoluene	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
Bromobenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
Bromochloromethane	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
Chlorodifluoromethane (CDFM)	5.00 <sup>1</sup>	270 D	ND	33.1 J	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	830 D	ND	ND	140	ND	6.6 J
Dibromomethane	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
Hexachlorobutadiene	0.50 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
Naphthalene	10.00 <sup>2</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
n-Butylbenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
n-Propylbenzene	5.00 <sup>1</sup>	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	ND	NA
p-Isopropyltoluene	5.00 <sup>1</sup>	NA	ND	NA	NA	NA																

**TABLE 4**  
**Volatile Organic Compounds in Soil Vapor**

Table 4  
Volatile Organic Compounds in Soil Vapor  
Long Island Rail Road Morris Park Yard

SAMPLE NAME	SG-1		SG-2		SG-3		SG-4		SG-5		SG-6		SG-6 (Dup.)		SG-7		SG-8		SG-9		SG-10		SG-11		SG-12		SG-13		SG-14		SG-15		SG-16		SG-17		SG-18		SG-19		SG-20		SG-21	
LAB SAMPLE ID	0611215-13A		0611215-12A		0611215-11A		0611215-09A		0611215-04A		0611215-10A		0611215-10AA		0611215-02A		0611215-05A		0611215-01A		0611215-06A		0611215-08A		0611215-07A		0611215-03A		0611552-01A		0810062-03A		0810062-04A		0810082-01A		0810082-02A		0810082-06A		0810082-05A		0810082-04A	
DATE RECEIVED BY LAB	11/8/2006		11/8/2006		11/8/2006		11/7/2006		11/7/2006		11/8/2006		11/8/2006		11/6/2006		11/7/2006		11/6/2006		11/7/2006		11/7/2006		11/7/2006		11/6/2006		11/22/2006		10/14/2008		10/14/2008		10/1/2008		10/1/2008		10/2/2008		10/2/2008			
DILUTION FACTOR	3.10		1.61		1.52		1.55		1.58		3.28		3.28		38.7		1.61		1.75		1.52		1.49		1.55		1.75		1.71		1.44		1.68		1.68		1.68		1.68					
DEPTH INTERVAL	7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet		7 feet					
Compound	ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>					
Diclorodifluoromethane Freon 12 (DCDFM)	44		15		18		6		3.8	J	180		170		96	U	2.7	J	2.7	J	3.5	J	4		3.5	J	5.9		7.2		2.5	J	2.8	J	14		55	U	2.3	J	2.4	J	2.5	J
1,2-Dichlorotetrafluoroethane Freon 114	11	U	5.6	U	5.3	U	5.4	U	5.5	U	11	U	5.7	U	140	U	5.6	U	6.1	U	5.3	U	5.2	U	5.4	U	6.8	U	6.1	U	6	U	5	U	5.9	U	78	U	5.9	U	5.7	U	5.9	U
Chloromethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		7.1	U	5.9	U	6.9	U	92	U	6.9	U	6.8	U	6.9	U
Vinyl Chloride	4	U	2.0	U	1.9	U	2.0	U	2.0	U	4.2	U	2.1	U	49	U	2.0	U	2.2	U	1.9	U	1.9	U	2.0	U	2.5	U	220		2.2	U	1.8	U	2.1	U	29	U	2.1	U	2.1	U	2.1	U
1,3-Butadiene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		1.9	U	1.6	U	1.8	U	25	U	1.8	U	1.8	U	1.8	U
Bromomethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		3.3	U	2.8	U	3.3	U	43	U	3.3	U	3.2	U	3.3	U
Chloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		2.2	U	1.9	U	2.2	U	30	U	2.2	U	2.2	U	2.2	U
Trichlorofluoromethane Freon 11 (TCFM)	3000		440		280		170		53		460		440		110	U	2.3	J	4.9	U	4.6		54		2.3	J	170		27		3.3	J	1.7	J	4.9		63	U	1.2	J	1.2	J	26	
Ethanol	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		6.4	U	5.4	U	4.2	J	84	U	5.0	J	6.2	U	1.2	J
1,1,2-Trichloro- 1,2,2-Trifluoroethane Freon 113	12	U	6.2	U	5.8	U	5.9	U	6.0	U	12	U	6.3	U	150	U	6.2	U	6.7	U	5.8	U	5.7	U	5.9	U	7.5	U	6.7	U	6.6	U	5.5	U	6.4	U	86	U	6.4	U	6.3	U	6.4	U
1,1-Dichloroethene	6.1	U	3.2	U	3.0	U	3.1	U	3.1	U	6.5	U	1.8	J	77	U	3.2	U	3.5	U	3.0	U	3.0	U	3.1	U	3.9	U	3.4	J	3.4	U	2.8	U	3.3	U	44	U	3.3	U	3.2	U	3.3	U
Acetone	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		27		74		33		110	U	31		12		64	
2-Propanol	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		8.4	U	0.61	J	1.2	J	110	U	1.4	J	8.1	U	8.2	U
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		5.0		66		95		23	J	8.2		2.6	U	110	
3-Chloropropene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		11	U	9	U	10	U	140	U	10	U	10	U	10	U
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		3	U	2.5	U	2.9	U	39	U	2.9	U	2.8	U	2.9	U
Methyl Tert-Butyl Ether	5.6	U	2.9	U	2.7	U	1.2	J	3.4		5.9	U	3	U	70	U	2.9	U	3.2	U	2.7	U	2.5	J	2.8	U	3.5	U	3.2	U	3.1	UJ	2.6	UJ	3	U	40	U	3	U	3	U	3	U
trans-1,2-Dichloroethene	6.1	U	3.2	U	3.0	U	3.1	U	3.1	U	6.5	U	3.2	U	77	U	3.2	U	3.5	U	3.0	U	3.0	U	3.1	U	3.9	U	4.7		3.4	U	2.8	U	3.3	U	44	U	3.3	U	3.2	U	3.3	U
Hexane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		3	U	2.5	U	0.44	J	130		0.39	J	0.27	J	0.30	J
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		3.5	U	2.9	U	3.4	U	45	U	3.4	U	3.3	U	3.4	U
2-Butanone (Methyl Ethyl Ketone)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		2.5	U	3	U	3.8		33	U	5.2		2.4	U	1.6	J
cis-1,2-Dichloroethene	6.1	U	3.2	U	3.0	U	3.1	U	3.1	U	6.5	U	3.2	U	77	U	3.2	U	3.5	U	3.0	U	3.0	U	3.1	U	2.3	J	60		3.4	U	2.8	U	3.3	U	44	U	3.3	U	3.2	U	3.3	U
Tetrahydrofuran	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		2.5	U	2.1	U	2.5	U								

Table 4  
Volatile Organic Compounds in Soil Vapor  
Long Island Rail Road Morris Park Yard

SAMPLE NAME LAB SAMPLE ID DATE RECEIVED BY LAB DILUTION FACTOR DEPTH INTERVAL	SG-22 0810062-02A 10/14/2008 1.68 7 feet		SG-23 0810062-01A 10/14/2008 4.56 27 feet		SG-23 Lab Dup. 0810062-01AA 10/14/2008 4.56 27 feet		SG-24 0810082-03A 10/2/2008 1.68 27 feet		SG-25 0810082-07A 10/2/2008 1.68 7 feet		Trip Blank 0810082-08A 10/2/2008 1.00		Lab Blank 0810082-09A 10/2/2008 1.00		Lab Blank 0810082-05A 10/14/2008 1.00	
Compound	ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>		ug/m <sup>3</sup>	
Diclorodifluoromethane Freon 12 (DCDFM)	7.4		11	J	11	J	340		2.5	J	2.5	U	2.5	U	2.5	U
1,2-Dichlorotetrafluoroethane Freon 114	5.9	U	16	U	16	U	5.9	U	5.9	U	3.5	U	3.5	U	3.5	U
Chloromethane	6.9	U	19	U	19	U	6.9	U	6.9	U	4.1	U	4.1	U	4.1	U
Vinyl Chloride	2.1	U	5.8	U	5.8	U	2.1	U	2.1	U	1.3	U	1.3	U	1.3	U
1,3-Butadiene	1.8	U	5	U	5	U	0.33	J	1.8	U	1.1	U	1.1	U	1.1	U
Bromomethane	3.3	U	8.8	U	8.8	U	3.3	U	3.3	U	1.9	U	1.9	U	1.9	U
Chloroethane	2.2	U	6	U	6	U	2.2	U	2.2	U	1.3	U	1.3	U	1.3	U
Trichlorofluoromethane Freon 11 (TCFM)	630		1200		1100		1000		1.5	J	2.8	U	2.8	U	2.8	U
Ethanol	6.3	U	17	U	17	U	1.8	J	6.3	U	3.8	U	3.8	U	3.8	U
1,1,2-Trichhloro- 1,2,2-Trifluoroethane Freon 113	6.4	U	17	U	17	U	6.4	U	6.4	U	3.8	U	3.8	U	3.8	U
1,1-Dichloroethene	3.3	U	9	U	9	U	3.3	U	3.3	U	2	U	2	U	2	U
Acetone	32		14	J	16	J	18		15		4.8	U	1.3	J	4.8	U
2-Propanol	0.72	J	22	U	22	U	0.84	J	8.2	U	4.9	U	4.9	U	4.9	U
Carbon Disulfide	17		32		30		56		9.5		1.6	U	0.20	J	1.6	U
3-Chloropropene	10	U	28	U	28	U	10	U	10	U	6.3	U	6.3	U	6.3	U
Methylene Chloride	2.9	U	7.9	U	7.9	U	2.9	U	2.9	U	1.7	U	0.45	J	0.38	J
Methyl Tert-Butyl Ether	3	UJ	8.2	UJ	8.2	U	3	U	3	U	1.8	U	1.8	U	1.8	U
trans-1,2-Dichloroethene	3.3	U	9	U	9	U	3.3	U	3.3	U	2	U	0.95	J	2	U
Hexane	3	U	8	U	2.2	J	1.5	J	0.60	J	1.8	U	1.8	U	1.8	U
1,1-Dichloroethane	3.4	U	9.2	U	9.2	U	4.5		3.4	U	2	U	2	U	2	U
2-Butanone (Methyl Ethyl Ketone)	3	U	6.7	U	6.7	U	2.8		1.4	J	1.5	U	1.5	U	0.70	J
cis-1,2-Dichloroethene	3.3	U	5.8	J	5.4	J	3.3	U	3.3	U	2	U	2	U	2	U
Tetrahydrofuran	2.5	U	6.7	U	6.7	U	2.5	U	2.5	U	1.5	U	1.5	U	1.5	U
Chloroform	2.0	J	5.6	J	5.6	J	40		5.4		2.4	U	2.4	U	2.4	U
1,1,1-Trichloroethane	1.0	J	5.7	J	5.4	J	49		4.6	U	2.7	U	2.7	U	2.7	U
Cyclohexane	2.9	U	1.2	J	1.3	J	1.8	J	1.0	J	1.7	U	1.7	U	1.7	U
Carbon Tetrachloride	5.3	U	14	U	14	U	1.2	J	5.3	U	3.1	U	3.1	U	3.1	U
2,2,4-Trimethylpentane	3.9	U	1.3	J	1.2	J	0.98	J	3.9	U	2.3	U	2.3	U	2.3	U
Benzene	0.64	J	2.4	J	2.3	J	0.59	J	0.85	J	1.6	U	1.6	U	1.6	U
1,2-Dichloroethane	3.4	U	9.2	U	9.2	U	3.4	U	3.4	U	2	U	0.20	J	2	U
Heptane	3.4	U	2.8	J	9.3	U	2.0	J	3.4	U	2	U	2	U	2	U
Trichloroethene (TCE)	26		77		79		17		4.5	U	2.7	U	2.7	U	2.7	U
1,2-Dichloropropane	3.9	U	10	U	10	U	1.5	J	3.9	U	2.3	U	2.3	U	2.3	U
1,4-Dioxane	12	U	33	U	33	U	12	U	12	U	7.2	U	7.2	U	7.2	U
Bromodichloromethane	5.6	U	15	U	15	U	0.60	J	5.6	U	3.4	U	3.4	U	3.4	U
cis-1,3-Dichloropropene	3.8	U	10	U	10	U	3.8	U	3.8	U	2.3	U	2.3	U	2.3	U
4-Methyl-2-pentanone	0.38	J	9.3	U	9.3	U	3.4	U	3.4	U	2	U	2	U	2	U
Toluene	3.0	J	13		14		15		1.4	J	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	3.8	U	10	U	10	U	3.8	U	3.8	U	2.3	U	0.56	J	2.3	U
1,1,2-Trichloroethane	4.6	U	12	U	12	U	4.6	U	4.6	U	2.7	U	2.7	U	2.7	U
Tertachloroethene (PCE)	340		3600		3400		910		12		3.4	U	3.4	U	3.4	U
2-Hexanone	14	U	37	U	37	U	2.0	J	14	U	8.2	U	8.2	U	8.2	U
Dibromochloromethane	7.2	U	19	U	19	U	7.2	U	7.2	U	4.2	U	4.2	U	4.2	U
1,2-Dibromoethane (EDB)	6.4	U	18	U	18	U	6.4	U	6.4	U	3.8	U	0.83	J	3.8	U
Chlorobenzene	3.9	U	10	U	10	U	3.9	U	3.9	U	2.3	U	0.36	J	2.3	U
Ethylbenzene	1.6	J	2.6	J	3.0	J	3.7		1.0	J	2.2	U	2.2	U	2.2	U
m,p-Xylene	5.4		8.1	J	7.2	J	14		4.2		2.2	U	2.2	U	2.2	U
o-Xylene	1.8	J	4.1	J	4.3	J	8.2		1.9	J	2.2	U	2.2	U	2.2	U
Styrene	0.53	J	9.7	U	9.7	U	3.6	U	3.6	U	2.1	U	0.30	J	2.1	U
Bromoform	8.7	U	24	U	24	U	8.7	U	8.7	U	5.2	U	5.2	U	5.2	U
Cumene	4.1	U	1.2	J	11	U	1.9	J	0.81	J	2.4	U	2.4	U	2.4	U
1,1,2,2-Tetrachloroethane	5.8	U	16	U	16	U	5.8	U	5.8	U	3.4	U	3.4	U	3.4	U
Propylbenzene	0.58	J	1.5	J	11	U	5.5		4.1	U	2.4	U	2.4	U	2.4	U
4-Ethyltoluene	2.6	J	4.4	J	3.9	J	18		1.5	J	2.4	U	2.4	U	2.4	U
1,3,5-Trimethylbenzene	1.7	J	4.3	J	3.9	J	30		1.8	J	2.4	U	2.4	U	2.4	U
1,2,4-Trimethylbenzene	5.4		8.4	J	8.5	J	44		2.6	J	2.4	U	2.4	U	2.4	U
1,3-Dichlorobenzene	5	U	14	U	14	U	5	U	5	U	3	U	0.85	J	3	U
1,4-Dichlorobenzene	22	J	14	J	12	J	14		12		3	U	1.1	J	3	U
alpha-Chlorotoluene	4.3	U	12	U	12	U	4.3	U	4.3	U	2.6	U	0.72	J	2.6	U
1,2-Dichlorobenzene	5	U	14	U	14	U	5	U	5	U	3	U	0.71	J	3	U
1,2,4-Trichlorobenzene	25	UJ	68	UJ	68	U	25	U	25	U	15	U	2.1	J	15	U
Hexachlorobutadiene	36	UJ	97	UJ	97	U	36	U	36	U	21	U	21	U	21	U
Chlorodifluoromethane Freon 22 (CDFM)	240	J	420	J	410	J	43		12	U	7.1	U	7.1	U	7.1	UJ
Dichlorofluoromethane Freon 21 (DCFM)	14	U	38	U	38	U	14	U	14	U	8.4	U	8.4	U	8.4	J

NOTES:

ug/m<sup>3</sup> - micrograms per cubic meter

J - Estimated value

U - Not detected

UJ - Estimated nondetect

NA - Not analyzed



**TABLE 5**  
**Top of Clay Elevations for Deep Borings and Wells**

**Table 5**  
**Top of Clay Elevations for Deep Borings and Wells**  
**Long Island Rail Road Morris Park Yard**

BORING/ WELL NUMBER	DATE COMPLETED	GROUND ELEVATION (FEET)	DEPTH TO CLAY (FEET BGS)	TOP OF CLAY ELEVATION (FEET QTBD)
STV Wells (Source: STV RI Report dated May 1998)				
DB-1/MW-1-140	4/1/1996	57.63	141.5	-83.87
DB-2/MW-2-180 <small>See Note 1</small>	4/26/1996	56.86	182	-125.14
DB-3/MW-3-160	4/18/1996	57.37	159	-101.63
DB-6/MW-6-180	4/22/1996	56.71	170	-113.29
MW-7-178 <small>See Note 1</small>	12/6/1996	53.08	179	-125.92
DB-11/MW-11-140	4/10/1996	57.57	140	-82.43
TB-13/MW-13-171 <small>See Note 1</small>	12/18/1996	53.53	172	-118.47
P-1-147 <small>See Note 1</small>	10/17/1996	57.3	150	-92.7
P-2-158 <small>See Note 1</small>	10/21/1996	57.03	160	-102.97
TW-1-150 <small>See Note 1</small>	10/25/1996	56.76	152	-95.24
TRC Wells (Source: TRC RI)				
B5/MW-2-160R	9/19/2006	56.9	180	-123.1
B7/MW-30D	9/14/2006	56.67	168	-111.33
MW-21D	9/2/2006	57.45	155	-97.55
MW-23D	10/19/2006	58.35	165	-106.65
MW-25D	10/12/2006	55.48	170	-114.52
MW-27D	10/23/2006	56.72	150	-93.28
MW-28D	10/25/2006	55.22	133	-77.78
MW-31D	9/23/2008	67.56	135	-67.44
MW-32D	9/29/2008	58.05	130	-71.95
MW-33D	9/24-25/2008	55.23	135	-79.77

Notes:

Note 1: Wells could not be located and surveyed and were excluded from figure showing top of clay elevation

QTBD: Borough of Queens Topographical Bureau Datum

**TABLE 6**  
**Groundwater Surface Elevation Measurements**

**Table 6**  
**Groundwater Table Surface Elevation Measurements**  
**Long Island Rail Road Morris Park Yard**

Well	Diameter (INCHES)	Depth of Well (FT BGS)	Surveyed Top of Casing (FT QBTD)	Depth to Water (FT BTOC)	Water Table Surface Elevation (FT QBTD)
<b>SHALLOW WELLS</b>					
MW-1-60	4	60	57.56	39.41	<b>18.15</b>
MW-2-50R	4	60	57.70	39.40	<b>18.30</b>
MW-2U-60	4	60	56.55	37.68	<b>18.87</b>
MW-2D-60	4	60	55.57	37.40	<b>18.17</b>
MW-3U-60	4	63	55.79	36.95	<b>18.84</b>
MW-3D-60	4	60	52.31	33.85	<b>18.46</b>
MW-4-60	4	60	49.79	36.25	<b>13.54</b>
MW-PMW-5	2	56.5	57.18	39.05	<b>18.13</b>
MW-5-60	4	57.5	56.48	37.35	<b>19.13</b>
MW-6-60	4	60	56.12	37.5	<b>18.62</b>
MW-8-60	4	60	55.99	37.42	<b>18.57</b>
MW-9-60	4	60	57.63	40.00	<b>17.63</b>
MW-10-60	4	60	57.32	39.50	<b>17.82</b>
MW-11-60	4	60	57.36	39.52	<b>17.84</b>
MW-12-60	4	60	55.14	35.91	<b>19.23</b>
MW-15-60	4	60	56.71	38.85	<b>17.86</b>
MW-16-60	4	60	56.07	37.09	<b>18.98</b>
MW-17-50R	2	50	56.77	38.35	<b>18.42</b>
MW-19-60	4	60	54.75	35.60	<b>19.15</b>
MW-20-50	2	50	56.59	38.14	<b>18.45</b>
MW-21S	2	50	57.20	38.95	<b>18.25</b>
MW-22S	2	50	55.89	38.55	<b>17.34</b>
MW-23S	2	50	57.90	40.25	<b>17.65</b>
MW-24S	2	50	57.62	40.35	<b>17.27</b>
MW-25S	2	50	54.65	37.62	<b>17.03</b>
MW-26S	2	50	54.65	36.93	<b>17.72</b>
MW-28S	2	50	55.00	35.20	<b>19.80</b>
<b>DEEP WELLS</b>					
MW-1-140	2	140	57.28	39.08	<b>18.20</b>
MW-2-160R	2	180	56.68	38.02	<b>18.66</b>
MW-3-160	2	160	57.22	38.62	<b>18.60</b>
MW-5-180	2	180	56.45	37.35	<b>19.10</b>
MW-6-168	2	168	57.18	38.25	<b>18.93</b>
MW-8-150	2	150	56.02	37.15	<b>18.87</b>
MW-10-160	2	160	57.21	39.58	<b>17.63</b>
MW-11-140	2	140	57.42	39.54	<b>17.88</b>
MW-21D	2	155	57.06	38.8	<b>18.26</b>
MW-23D	2	165	58.20	40.8	<b>17.40</b>
MW-25D	2	170	55.00	37.94	<b>17.06</b>
MW-27D	2	150	56.24	38.19	<b>18.05</b>
MW-28D	2	133	54.88	35.15	<b>19.73</b>
MW-29D	2	190	NA	37.08	NA
MW-30D	2	170	56.44	37.37	<b>19.07</b>
MW-31D	2	135	66.91	48.18	<b>18.73</b>
MW-32D	2	130	57.74	37.91	<b>19.83</b>
MW-33D	2	135	54.99	35.52	<b>19.47</b>

**NOTES:**

- Elevations refer to the Queens Borough Topographical Bureau Datum (QBTD) which is 2.725 feet above mean sea level datum at Sandy Hook, New Jersey 1929.
- MW-29D inaccessible during surveying
- All water table elevations measured in December 2006, except elevations in wells MW-31D, MW-32D, and MW-33D which were measured in October 2008.

BGS - Below ground surface

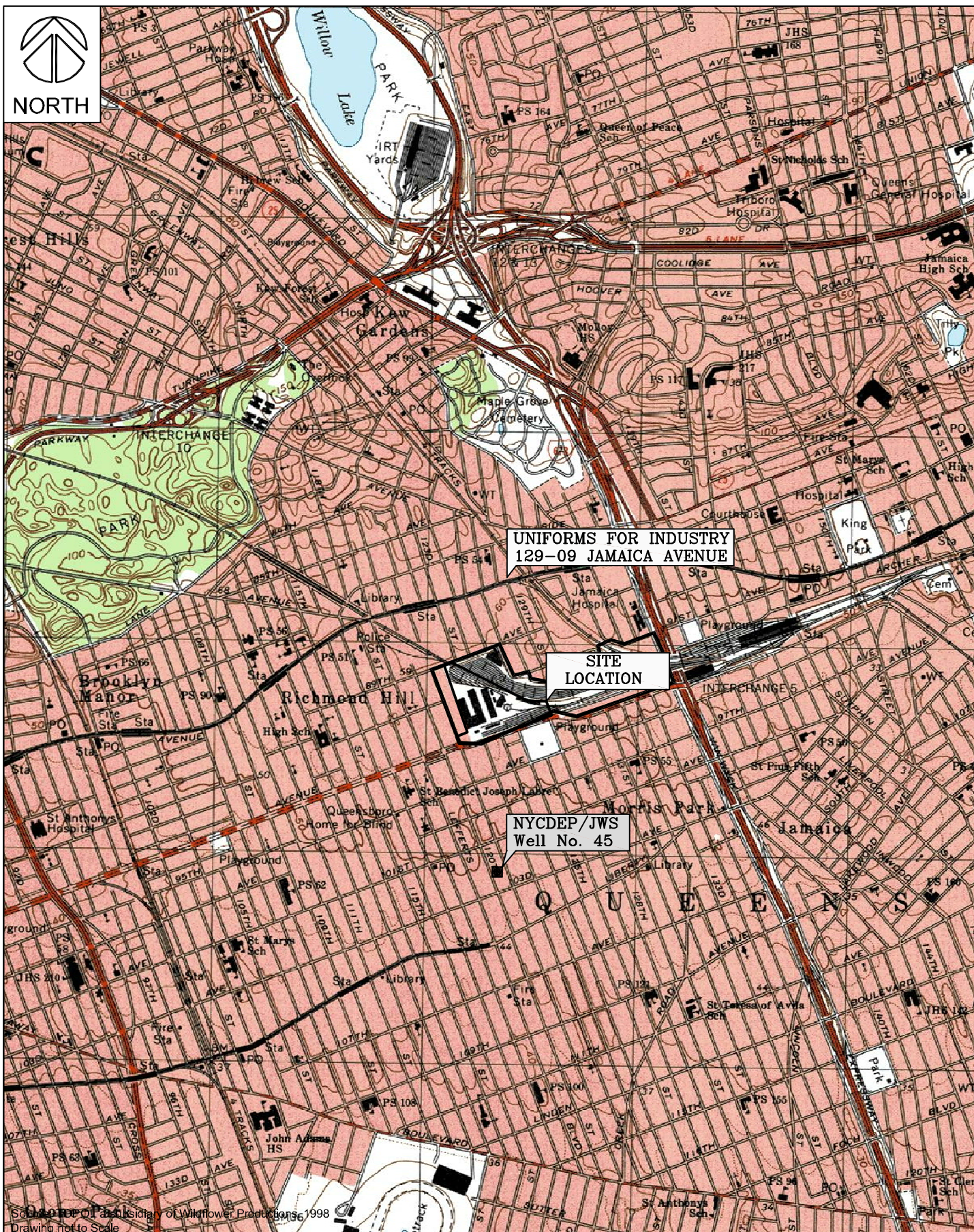
BTOC - Below top of casing

## FIGURES

**FIGURE 1**  
**Site Location Map**



Path\\Name: M:\\Cad Files\\Vision projects\\164148\\Autocad\\Figure 1--Site Location TRC 010208.dwg -- Date\\Time: Thu, 05 Feb 2009 -- 10:37am -- User Name: lbochkis -- Layout Tab: LAYOUT1



DESIGNED BY: WS
DRAWN BY: LB
CHECKED BY: DSG
DATE: JANUARY 2009
SCALE: N.T.S
PROJECT NUMBER: 107865-0010-0000

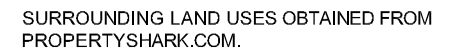
PROJECT NAME:	LONG ISLAND RAIL ROAD MORRIS PARK YARD REMEDIAL INVESTIGATION REPORT
DRAWING TITLE:	SITE LOCATION MAP

**FIGURE**  
**1**

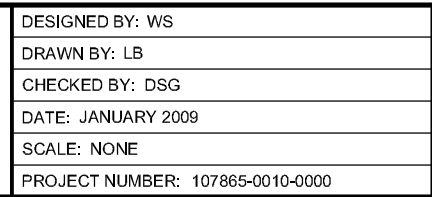


**FIGURE 2**  
**Surrounding Land Uses with Sensitive Receptors**





REVISIONS				
	NO.	DESCRIPTION	BY	DATE



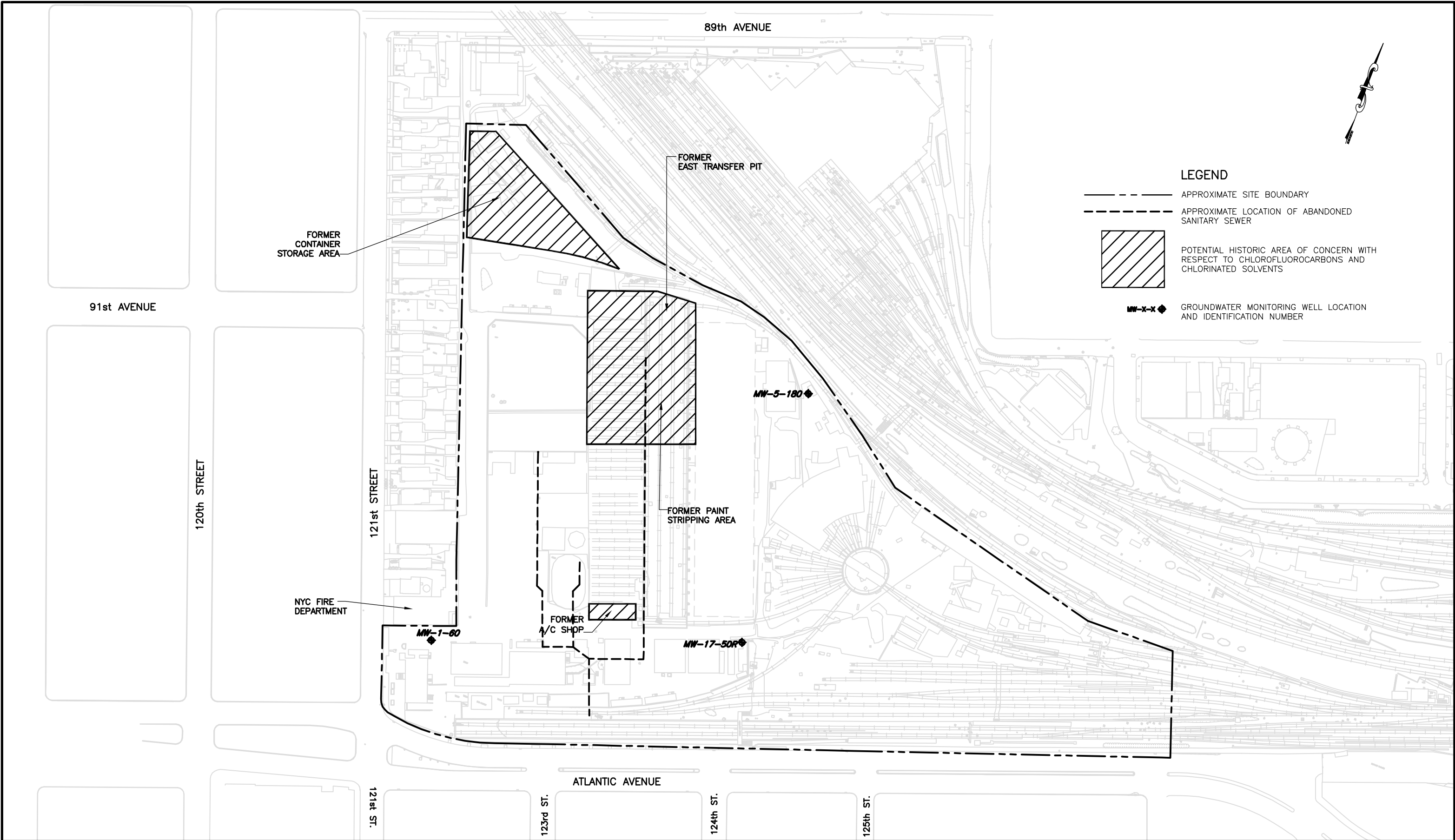
PROJECT NAME:	LONG ISLAND RAIL ROAD MORRIS PARK YARD REMEDIAL INVESTIGATION REPORT
DRAWING TITLE:	SURROUNDING LAND USES WITH SENSITIVE RECEPTORS



## FIGURE 2



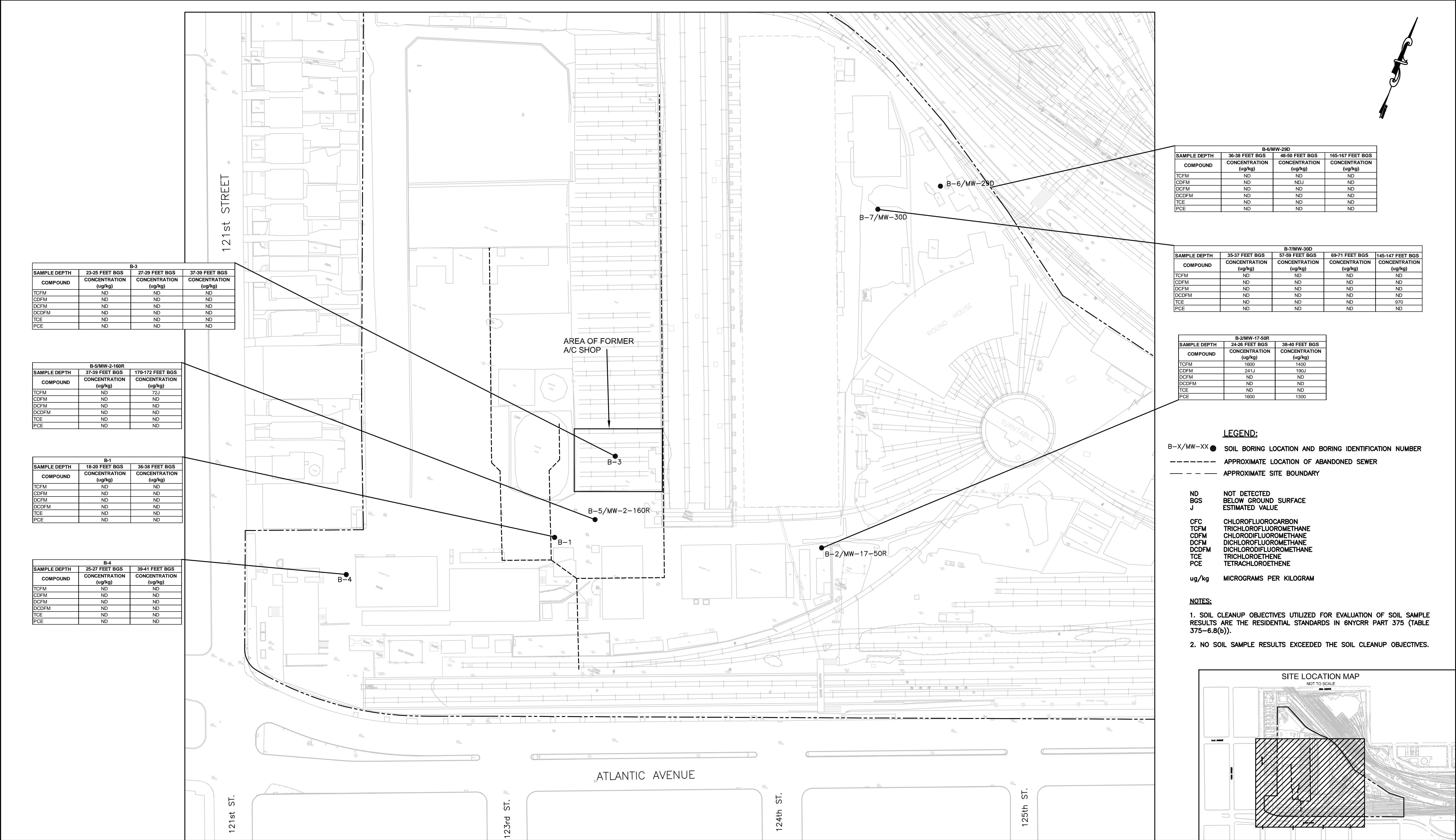
**FIGURE 3**  
**Morris Park Yard Facility Site with Historic AOCs**



Path\\Name: M:\\Cad Files\\Vision projects\\164148\\Autocad\\Figure 3 - Morris Park Yard Facility Site TRC 071707.dwg - Date\\Time: Fri, 06 Feb 2009 - 10:46am - User Name: lbochkis - Layout Tab: LAYOUT1



REVISIONS					 <div>1430 BROADWAY, 10TH FLOOR NEW YORK, NEW YORK 10018</div>	DESIGN BY: WS	PROJECT NAME:  LONG ISLAND RAIL ROAD MORRIS PARK YARD REMEDIAL INVESTIGATION REPORT	DRAWING TITLE:  MORRIS PARK YARD SITE WITH HISTORIC AOCs	FIGURE 3
NO.	DESCRIPTION	BY	DATE			DRAWN BY: LB			
						CHECK BY: DSG			
						DATE: JANUARY 2009			
						SCALE: AS SHOWN			
						PROJECT NUMBER: 107865-0010-0000			

**FIGURE 4**  
**Soil Sampling Locations with Refrigerants, PCE and TCE Results**

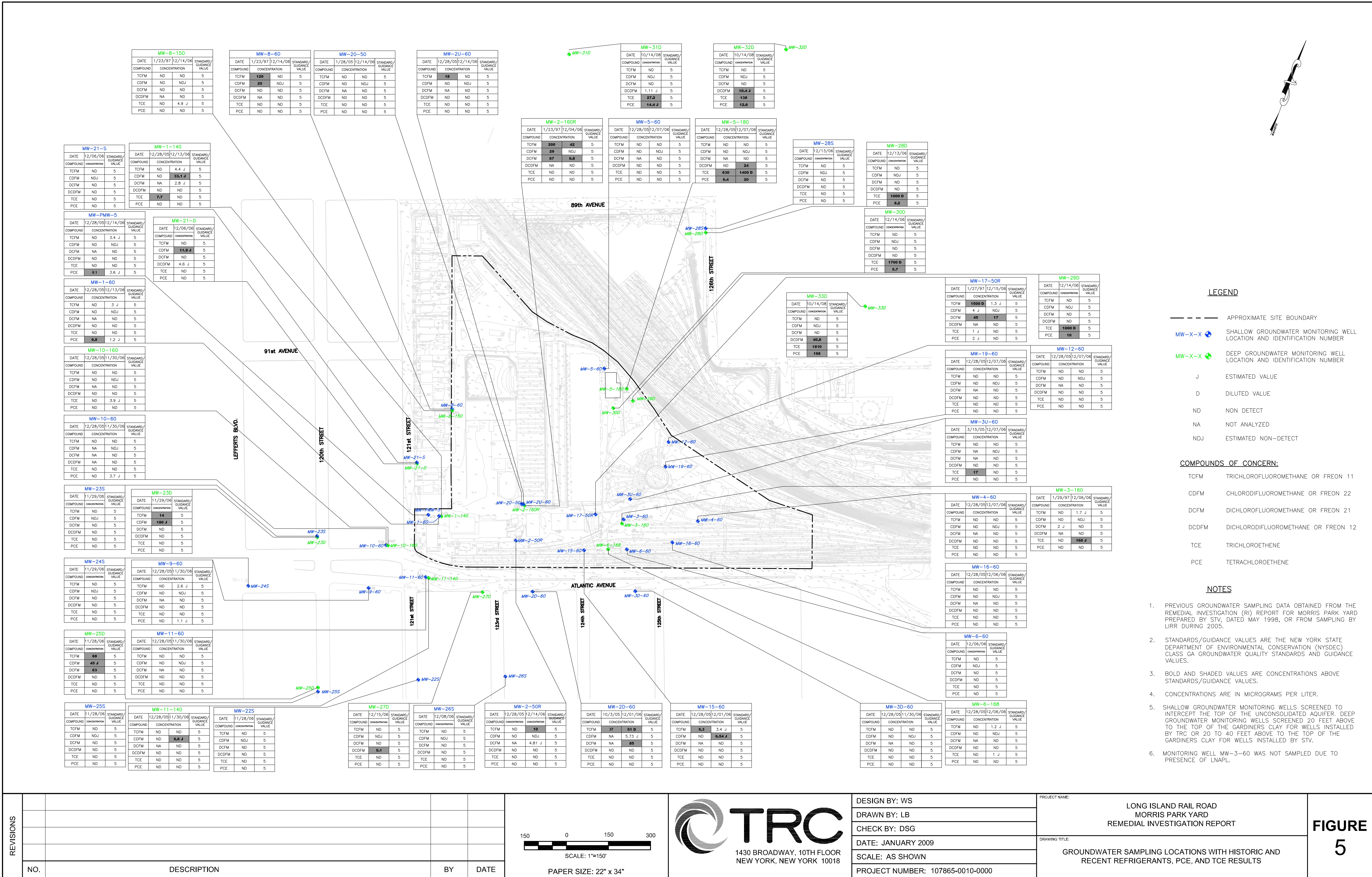


REVISIONS					  PAPER SIZE: 22" x 34"	 1430 BROADWAY, 10TH FLOOR NEW YORK, NEW YORK 10018	DESIGN BY: WS	PROJECT NAME:  LONG ISLAND RAIL ROAD MORRIS PARK YARD REMEDIAL INVESTIGATION REPORT	FIGURE 4
							DRAWN BY: LB		
							CHECK BY: DG		
							DATE: JANUARY 2009		
							SCALE: AS SHOWN		
	NO.	DESCRIPTION	BY	DATE			PROJECT NUMBER: 107865-0010-0000	DRAWING TITLE:  SOIL SAMPLING LOCATIONS WITH REFRIGERANTS, PCE AND TCE RESULTS	

**FIGURE 5**

**Groundwater Sampling Locations with Historic and Recent  
Refrigerants, PCE and TCE Results**



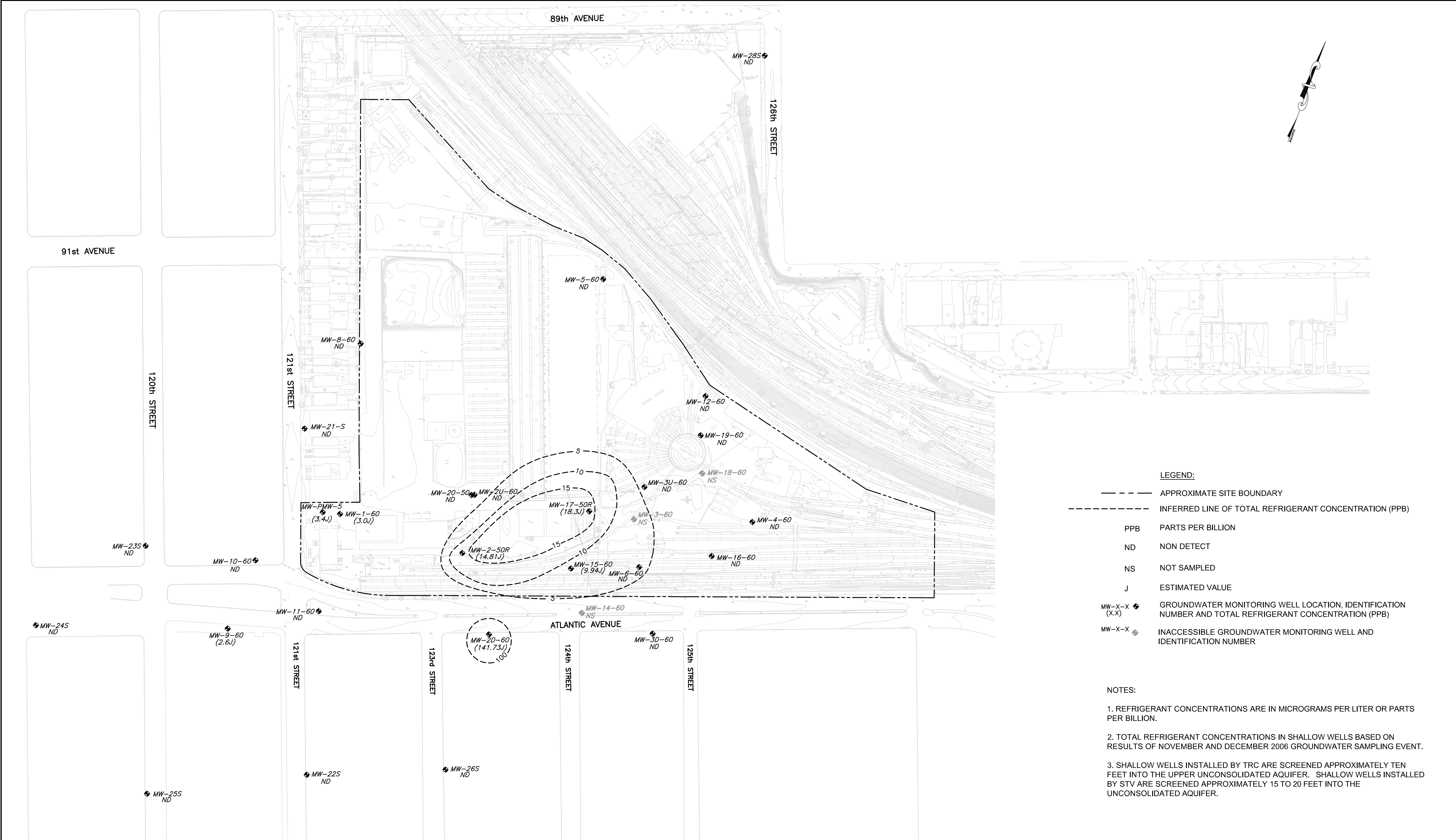




**FIGURE 6**  
**Total Refrigerant Concentrations for Shallow Wells**



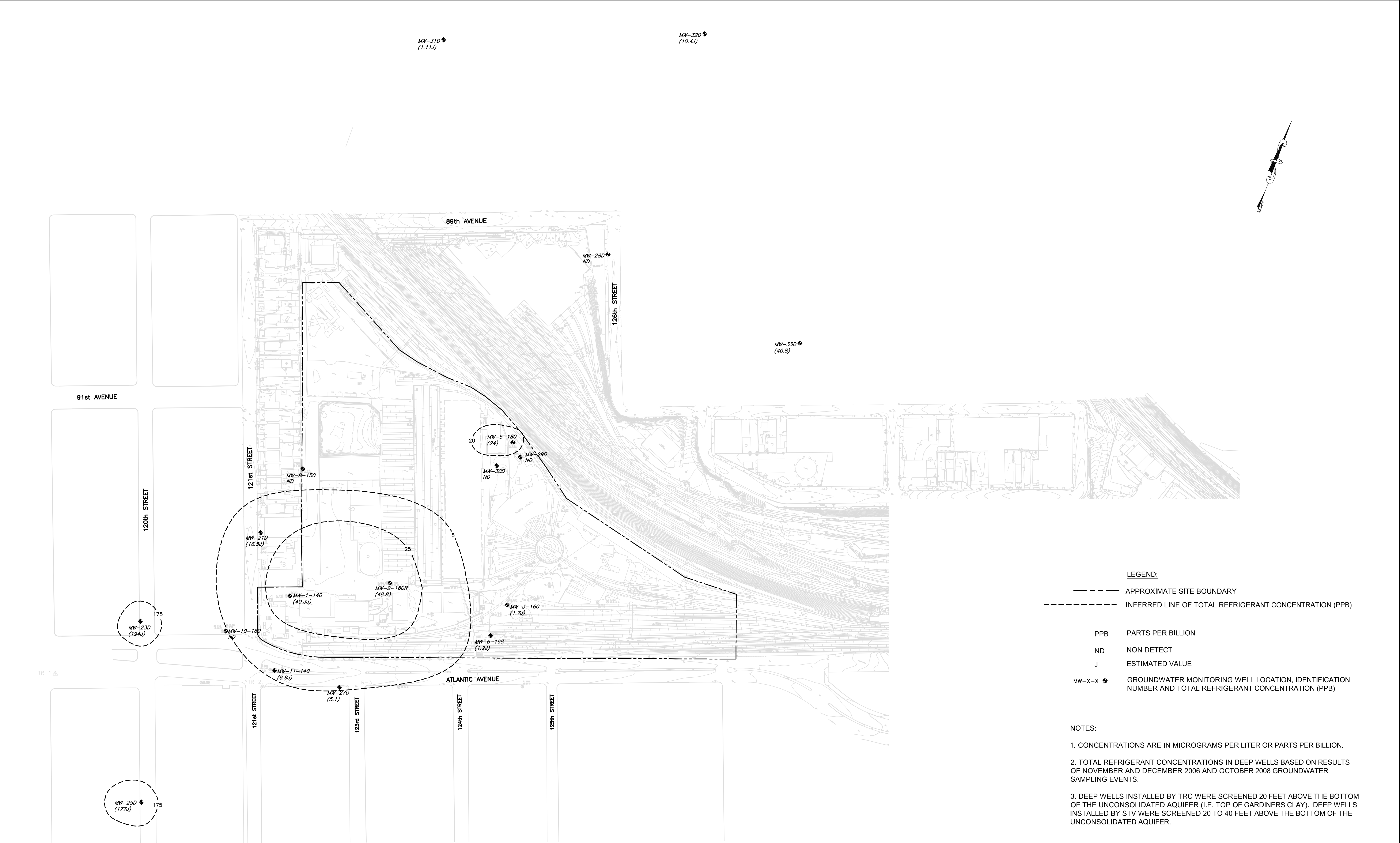
Path\\Name: M:\\Cad Files\\Vision projects\\164148\\Autocad\\Figure 6 - Total Refrigerant Concentration Map for Shallow Wells.dwg -- Date\\Time: Thu, 05 Feb 2009 -- 10:53am -- User Name: lbochkis -- Layout Tab: LAYOUT1



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**FIGURE 7**  
**Total Refrigerant Concentrations for Deep Wells**

Path Name: M:\Cad Files\Vision projects\164148\Autocad\Figure 7-Total Refrigerant Concentration Map for Deep Wells.dwg -- Date\Time: Fri, 06 Feb 2009 -- 10:12am -- User Name: lbochks -- Layout Tab: LAYOUT1



**LEGEND:**

--- APPROXIMATE SITE BOUNDARY

----- INFERRED LINE OF TOTAL REFRIGERANT CONCENTRATION (PPB)

PPB    PARTS PER BILLION

ND    NON DETECT

J    ESTIMATED VALUE

MW-X-X ◆    GROUNDWATER MONITORING WELL LOCATION, IDENTIFICATION NUMBER AND TOTAL REFRIGERANT CONCENTRATION (PPB)

- NOTES:
1. CONCENTRATIONS ARE IN MICROGRAMS PER LITER OR PARTS PER BILLION.
  2. TOTAL REFRIGERANT CONCENTRATIONS IN DEEP WELLS BASED ON RESULTS OF NOVEMBER AND DECEMBER 2006 AND OCTOBER 2008 GROUNDWATER SAMPLING EVENTS.
  3. DEEP WELLS INSTALLED BY TRC WERE SCREENED 20 FEET ABOVE THE BOTTOM OF THE UNCONSOLIDATED AQUIFER (I.E. TOP OF GARDINERS CLAY). DEEP WELLS INSTALLED BY STV WERE SCREENED 20 TO 40 FEET ABOVE THE BOTTOM OF THE UNCONSOLIDATED AQUIFER.

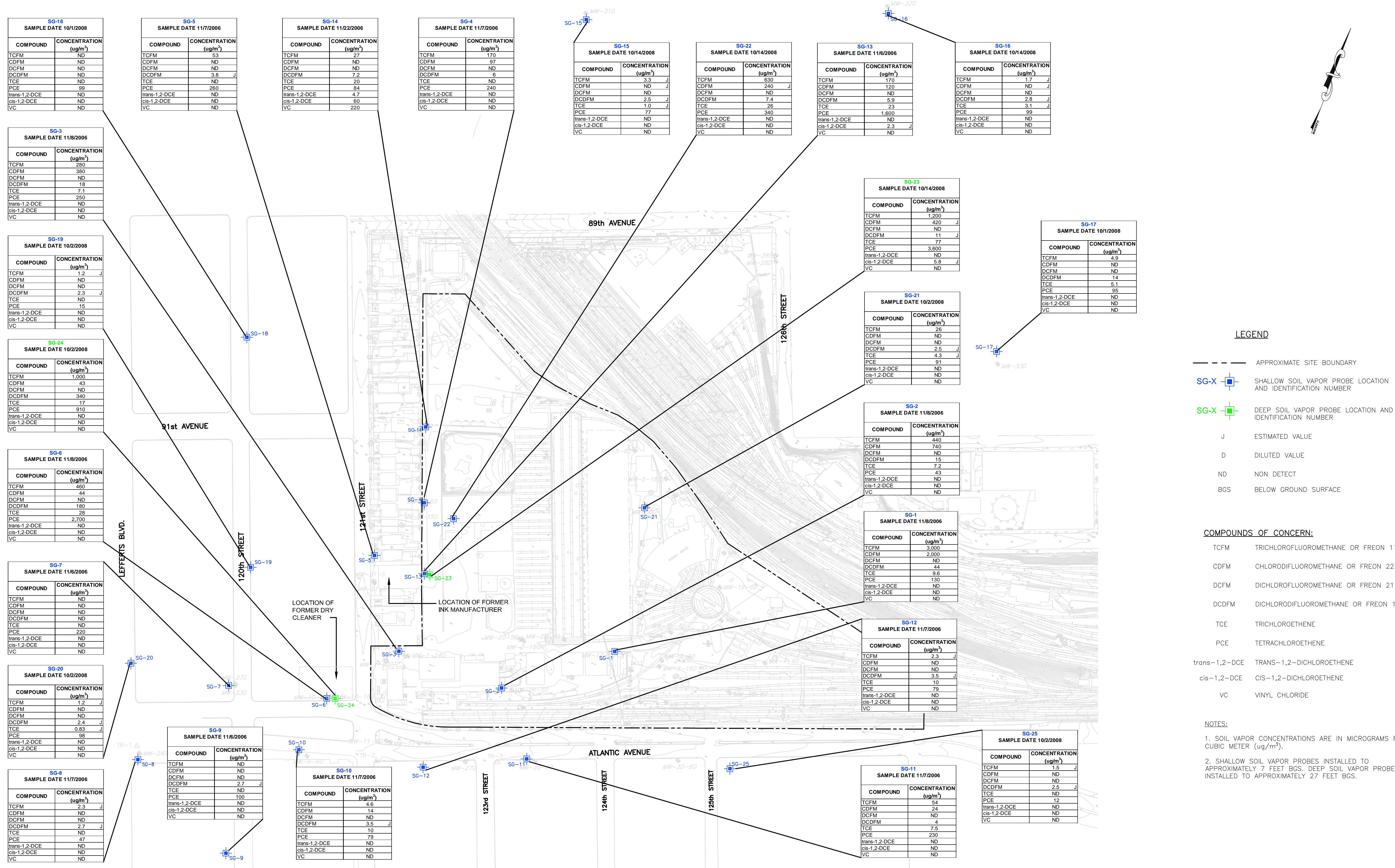
REVISIONS					<div><div><div>2400120240</div><div>Scale: 1"=120'</div></div><div>PAPER SIZE: 22" x 34"</div></div>	<div><div><div></div></div>TRC</div> <div>1430 BROADWAY, 10TH FLOOR NEW YORK, NEW YORK 10018 212-221-7822</div>	DESIGNED BY: WS	PROJECT NAME:  LONG ISLAND RAIL ROAD MORRIS PARK YARD REMEDIAL INVESTIGATION REPORT	FIGURE 7
							DRAWN BY: LB		
							CHECKED BY: DSG		
							DATE: JANUARY 2009		
							SCALE: AS SHOWN		
	NO.	DESCRIPTION	BY	DATE	PROJECT NUMBER: 107865-0010-0000			DRAWING TITLE:  TOTAL REFRIGERANT CONCENTRATIONS FOR DEEP WELLS	





**FIGURE 8**

**Soil Vapor Sampling Locations with Results of Analysis for  
Refrigerants and Chlorinated Solvent-Related Compounds**





REVISIONS					 <p>Scale: 1"=120' Paper Size: 22" x 36"</p>	 <p><b>TRC</b> 1430 BROADWAY, 10TH FLOOR NEW YORK, NEW YORK 10018</p>	DESIGN BY: WS	PROJECT NAME:  LONG ISLAND RAIL ROAD MORRIS PARK YARD REMEDIAL INVESTIGATION REPORT	<b>FIGURE</b>  <b>8</b>
							DRAWN BY: LB		
							CHECK BY: DSG		
							DATE: JANUARY 2009		
							SCALE: AS SHOWN		
	NO.	DESCRIPTION	BY	DATE	PAPER SIZE: 22" x 34"		PROJECT NUMBER: 107865-0010-0000	DRAWING TITLE:  SOIL VAPOR SAMPLING LOCATIONS WITH RESULTS OF ANALYSIS FOR REFRIGERANTS AND CHLORINATED SOLVENT-RELATED COMPOUNDS	



**FIGURE 9**  
**Geological Cross Section A-A' (North-South)**

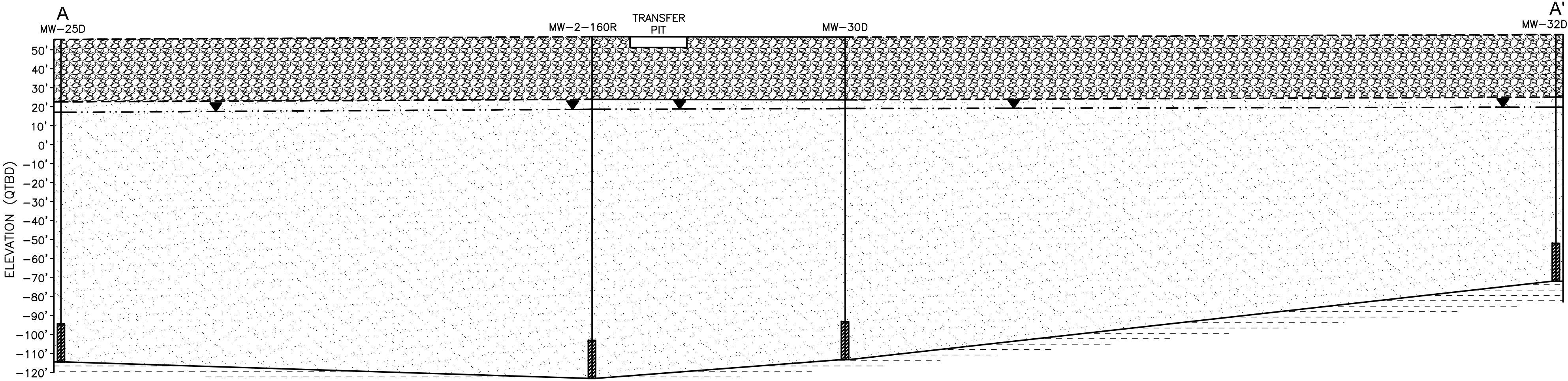
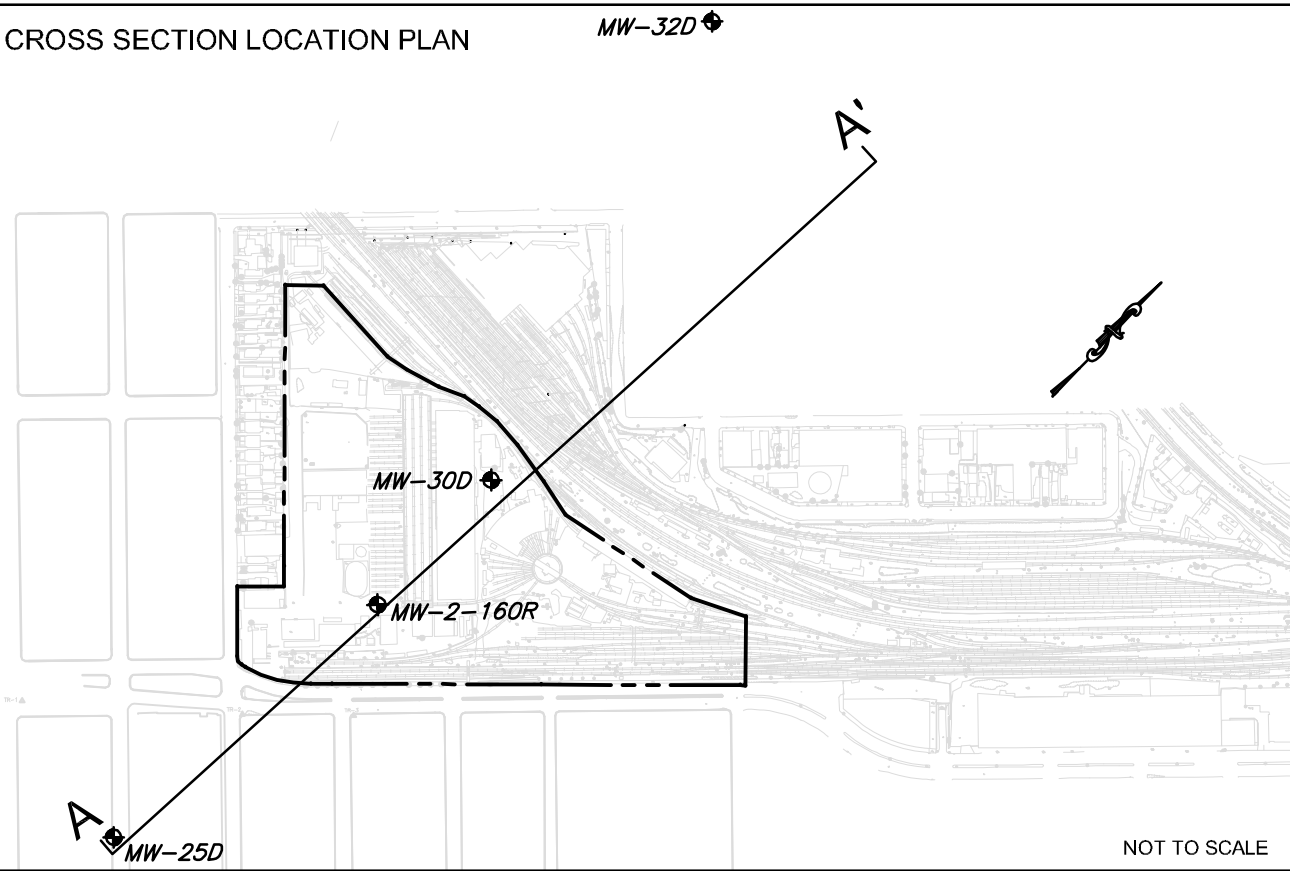
Path\\Name: M:\\Cad Files\\Vision projects\\164148\\Autocad\\Figure 9 - Geological Cross Section A-A (North-South) 062107.dwg - Date\\Time: Thu, 05 Feb 2009 - 3:39pm - User Name: lbochkis - Layout Tab: LAYOUT1

LEGEND:

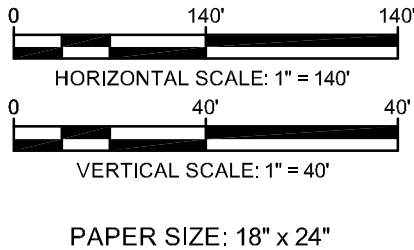
- INFERRED TOP AND BOTTOM OF SAND WITH COBBLES, GRAVEL, AND BOULDERS
- ▨ SCREEN INTERVAL OF WELL
- ⬢ SAND WITH COBBLES, GRAVEL, AND BOULDERS
- ░ SAND
- ▤ GARDINERS CLAY
- ▾ WATER LEVEL

NOTES:

1. ELEVATIONS REFER TO THE BOROUGH OF QUEENS TOPOGRAPHICAL BUREAU DATUM (QTBD) WHICH IS 2.725 FEET ABOVE MEAN SEA LEVEL DATUM AT SANDY HOOK, NEW JERSEY 1929.



REVISIONS				
	NO.	DESCRIPTION	BY	DATE



DESIGN BY: WS
DRAWN BY: LB
CHECK BY: DSG
DATE: JANUARY 2009
SCALE: AS SHOWN
PROJECT NUMBER: 107865-0010-0000

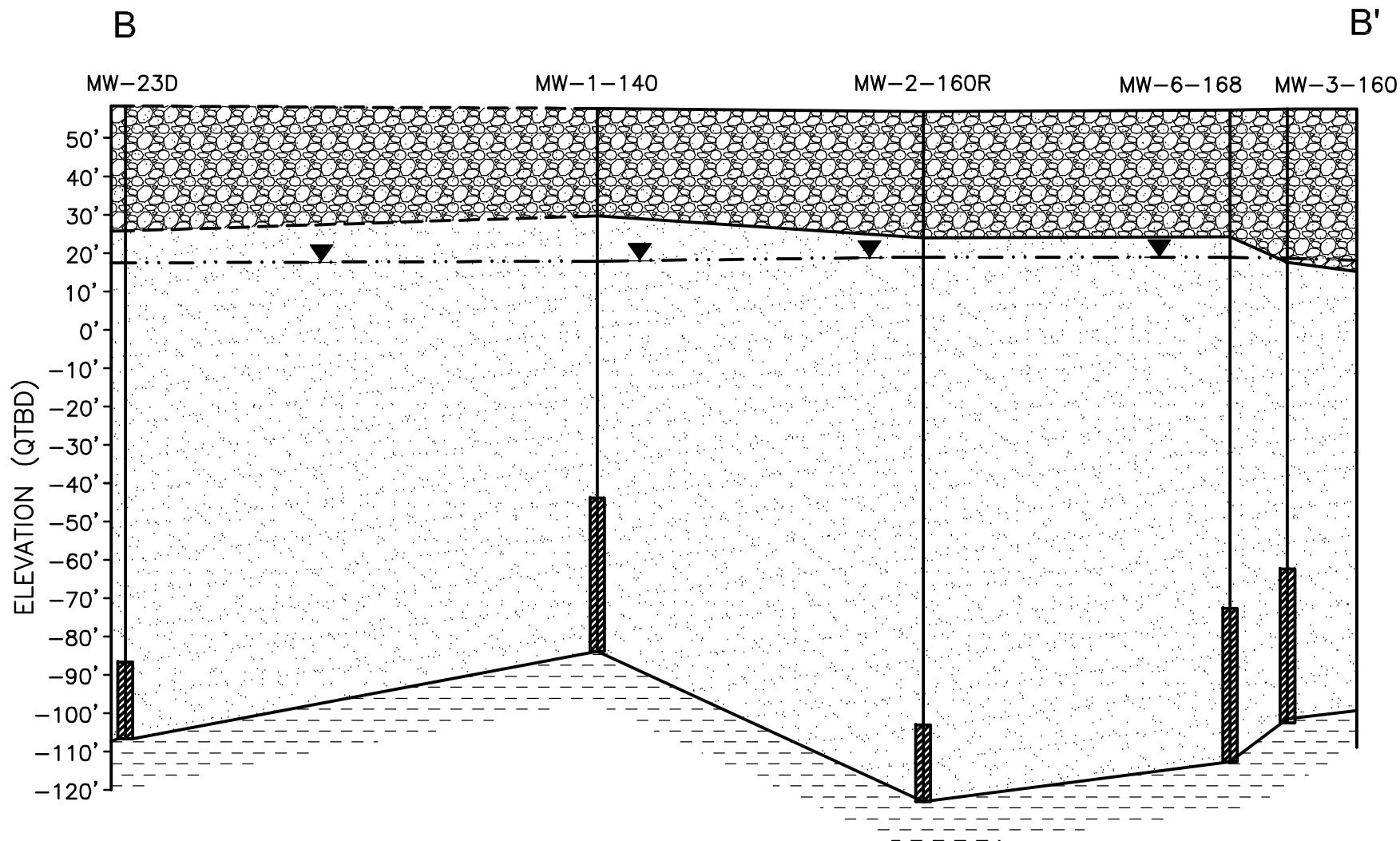
PROJECT NAME:	LONG ISLAND RAIL ROAD MORRIS PARK YARD REMEDIAL INVESTIGATION REPORT
DRAWING TITLE:	GEOLOGICAL CROSS SECTION A-A' (NORTH - SOUTH)

FIGURE 9

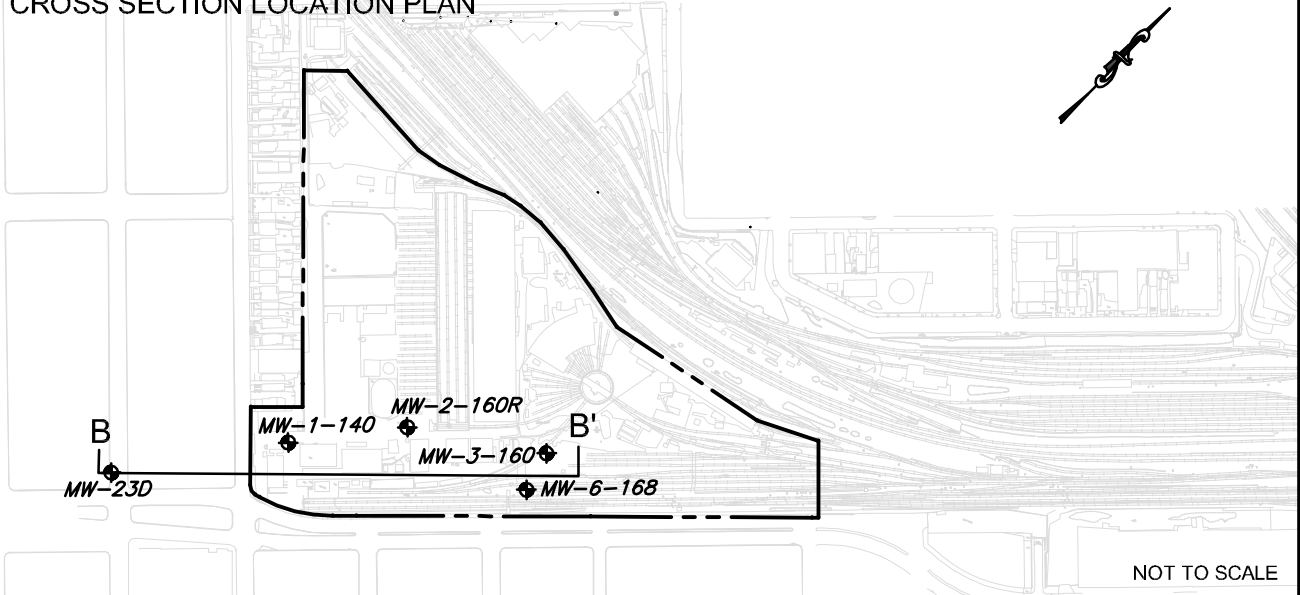
**FIGURE 10**  
**Geological Cross Section B-B' (West-East)**



Path\\Name: M:\Cod Files\Vision projects\164148\Autocad\Figure 10 - Geological Cross Section B-B (West-East).TRC 071.dwg - Date\\Time: Thu, 05 Feb 2009 - 4:40pm - User Name: lbochhis - Layout Tab: LAYOUT1



CROSS SECTION LOCATION PLAN



LEGEND:

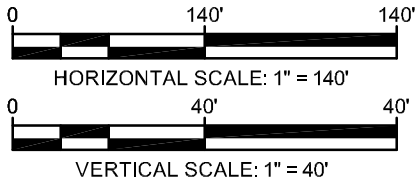
- INFERRED TOP AND BOTTOM OF SAND WITH COBBLES, GRAVEL, AND BOULDERS
- ▨ SCREEN INTERVAL OF WELL
- ▨ SAND WITH COBBLES, GRAVEL, AND BOULDERS
- ▨ SAND
- ▨ GARDINERS CLAY
- ▽ WATER LEVEL

NOTES:

- ELEVATIONS REFER TO THE BOROUGH OF QUEENS TOPOGRAPHICAL BUREAU DATUM (QTBD) WHICH IS 2.725 FEET ABOVE MEAN SEA LEVEL DATUM AT SANDY HOOK, NEW JERSEY 1929.
- GROUNDWATER WELLS MW-1-140, MW-6-168 AND MW-3-160 INSTALLED BY STV IN APRIL 1996.

REVISIONS

NO.	DESCRIPTION	BY	DATE



PAPER SIZE: 11" x 17"

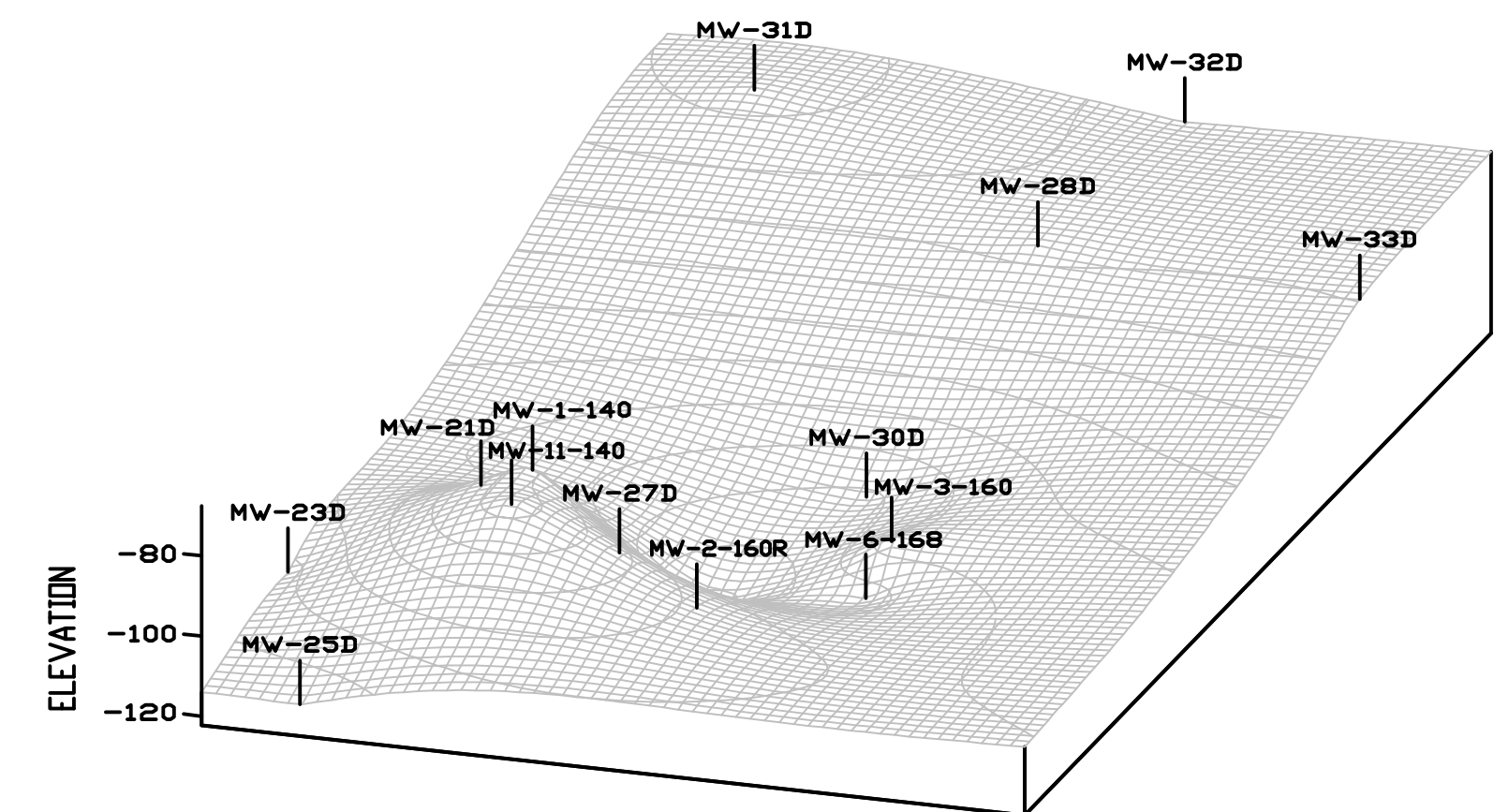


DESIGNED BY: WS
DRAWN BY: LB
CHECKED BY: DSG
DATE: JANUARY 2009
SCALE: AS SHOWN
PROJECT NUMBER: 107865-0010-0000

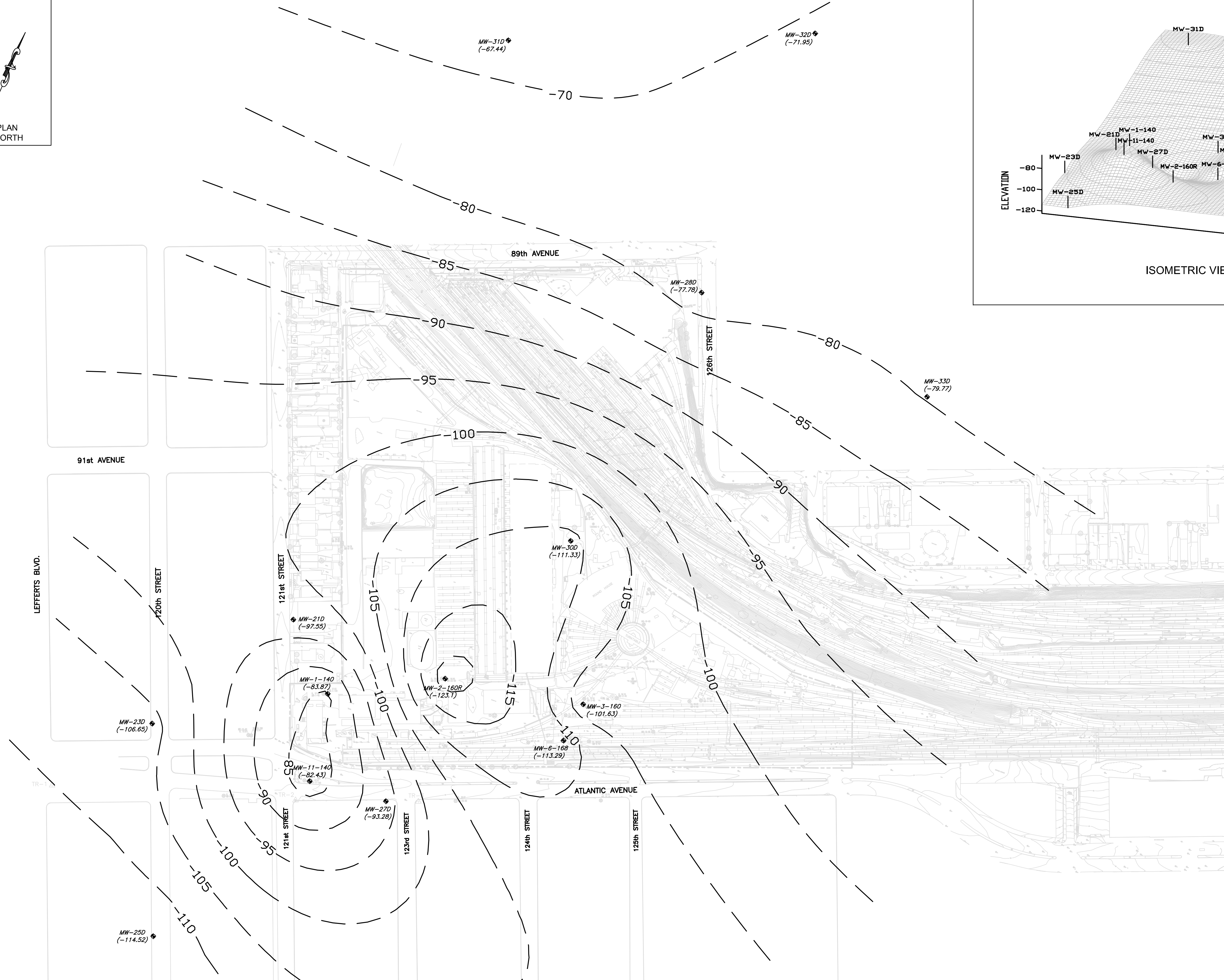
PROJECT NAME:
LONG ISLAND RAIL ROAD MORRIS PARK YARD REMEDIAL INVESTIGATION REPORT
DRAWING TITLE:
GEOLOGICAL CROSS SECTION B-B' (WEST - EAST)

FIGURE  
10

**FIGURE 11**  
**Gardiners Clay Surface Elevation Contour Map**



ISOMETRIC VIEW OF TOP OF CLAY ELEVATION  
NOT TO SCALE



LEGEND:

MW-X-X GROUNDWATER MONITORING WELL LOCATION, IDENTIFICATION  
18.93  NUMBER, AND TOP OF CLAY ELEVATION (FEET)

NOTE:

ELEVATIONS REFER TO THE BOROUGH OF QUEENS TOPOGRAPHICAL BUREAU DATUM WHICH IS 2.725 FEET ABOVE MEAN SEA LEVEL DATUM AT SANDY HOOK, NEW JERSEY 1929.

REVISIONS				
	NO.	DESCRIPTION	BY	DATE



PAPER SIZE: 22" x 34"



1430 BROADWAY, 10TH FLOOR  
NEW YORK, NEW YORK 10018  
212-221-7822

DESIGNED BY: WS
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DATE: JANUARY 2009
SCALE: AS SHOWN
PROJECT NUMBER: 107865-0010-0000

PROJECT NAME:
---------------

LONG ISLAND RAIL ROAD  
MORRIS PARK YARD  
REMEDIAL INVESTIGATION REPORT

	DRAWING TITLE:
--	----------------

GARDINERS CLAY SURFACE ELEVATION CONTOUR MAP

## FIGURE

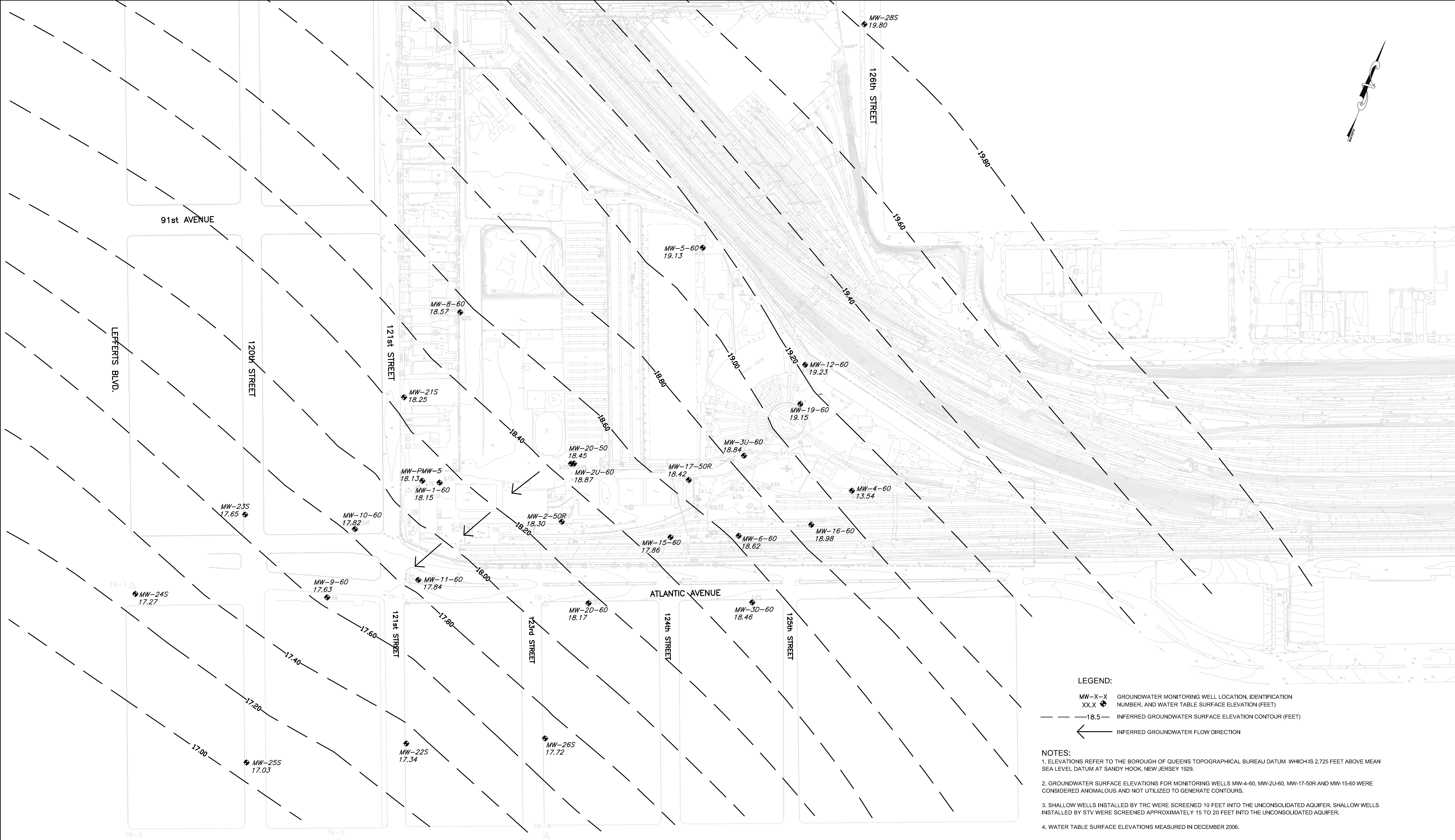
11



**FIGURE 12**

**Groundwater Surface Elevation Contour Map for Shallow Wells  
Screened in the Unconsolidated Aquifer**



Path\\Nome: M:\\Caa Files\\Vision projects\\164148\\Autocad\\Figure 12 - Groundwater Surface Elevation Contour Map for th.dwg - Date\\Time: Thu, 05 Feb 2009 - 4:52pm - User Name: lbochkis - Layout Tab: LAYOUT1



REVISIONS						 <div>1430 BROADWAY, 10TH FLOOR NEW YORK, NEW YORK 10018</div>	DESIGN BY: WS	PROJECT NAME:  LONG ISLAND RAIL ROAD MORRIS PARK YARD REMEDIAL INVESTIGATION REPORT	FIGURE 12	
							DRAWN BY: LB			
							CHECK BY: DSG			
							DATE: JANUARY 2009			DRAWING TITLE:  GROUNDWATER SURFACE ELEVATION CONTOUR MAP FOR SHALLOW WELLS SCREENED IN THE UNCONSOLIDATED AQUIFER
							SCALE: AS SHOWN			
	NO.	DESCRIPTION	BY	DATE	PAPER SIZE: 22" x 34"		PROJECT NUMBER: 107865-0010-0000			

**FIGURE 13**

**Groundwater Surface Elevation Contour Map for Deep Wells  
Screened in the Unconsolidated Aquifer**



Path\\Name: M:\Cod Files\Vision projects\164145\Autocad\Figure 13 - Groundwater Surface Elevation Contour Map for th.dwg - Date\\Time: Fri, 06 Feb 2009 - 2:26pm - User Name: lbochiks - Layout Tab: LAYOUT1

REVISIONS				
	NO.	DESCRIPTION	BY	DATE

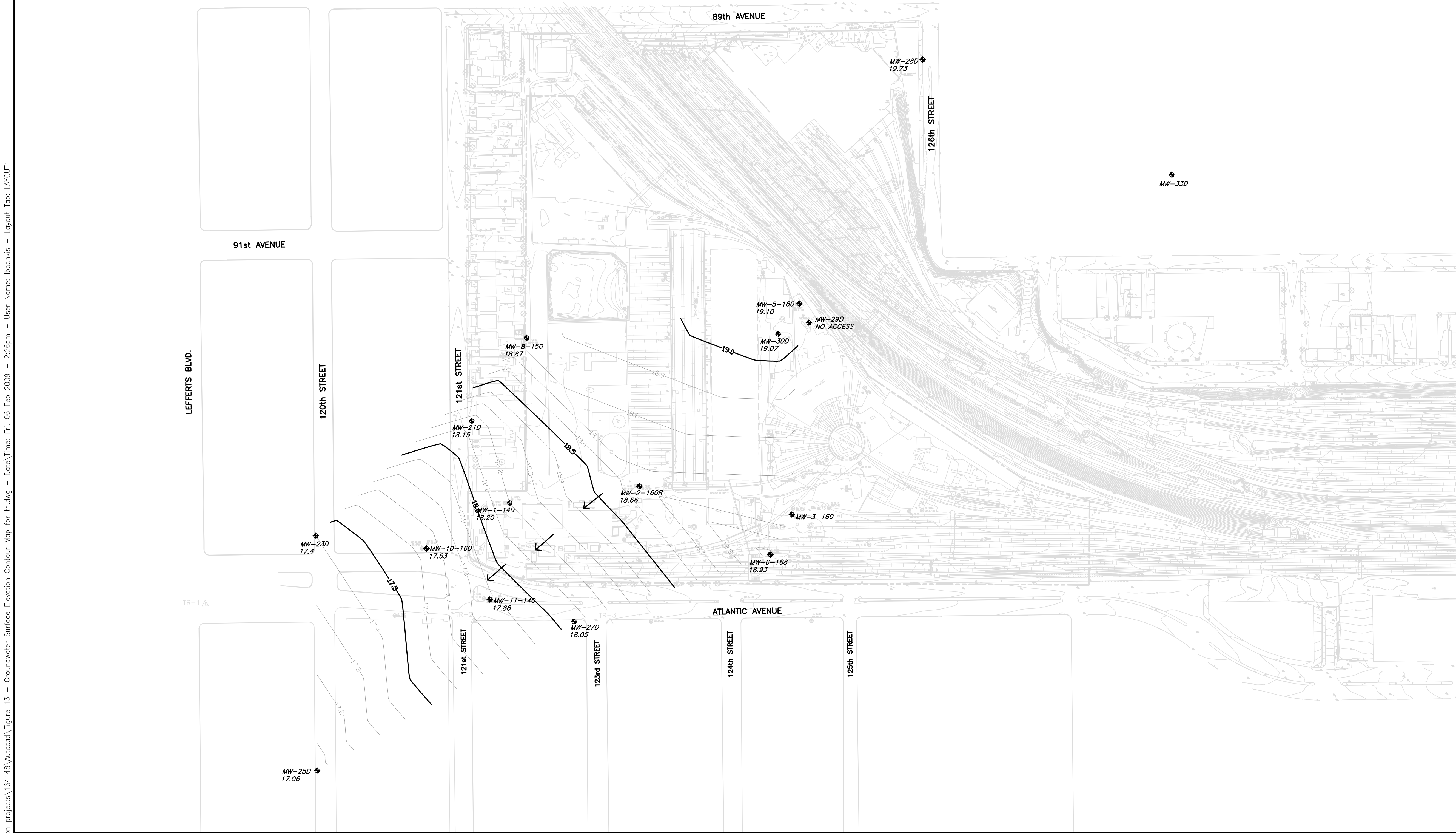
PAPER SIZE: 22" x 34"

1430 BROADWAY, 10TH FLOOR  
NEW YORK, NEW YORK 10018  
212-221-7822

DESIGNED BY: WS
DRAWN BY: LB
CHECKED BY: DSG
DATE: JANUARY 2009
SCALE: AS SHOWN
PROJECT NUMBER: 107865-0010-0000

PROJECT NAME:  LONG ISLAND RAIL ROAD MORRIS PARK YARD REMEDIAL INVESTIGATION REPORT
DRAWING TITLE:  GROUNDWATER SURFACE ELEVATION CONTOUR MAP FOR DEEP WELLS SCREENED IN THE UNCONSOLIDATED AQUIFER

FIGURE  
13



LEGEND:

MW-X-X  
XX.X ◆ GROUNDWATER MONITORING WELL LOCATION, IDENTIFICATION NUMBER, AND WATER TABLE SURFACE ELEVATION (FEET)

— 18.5 — INFERRED GROUNDWATER SURFACE ELEVATION CONTOUR (FEET)

← INFERRED GROUNDWATER FLOW DIRECTION

NOTES:

1. ELEVATIONS REFER TO THE BOROUGH OF QUEENS TOPOGRAPHICAL BUREAU DATUM WHICH IS 2.725 FEET ABOVE MEAN SEA LEVEL DATUM AT SANDY HOOK, NEW JERSEY 1929

2. GROUNDWATER SURFACE ELEVATIONS FOR MONITORING WELL MW-3-160 WAS CONSIDERED ANOMALOUS AND NOT UTILIZED TO GENERATE CONTOURS.

3. DEEP WELLS INSTALLED BY TRC WERE SCREENED 20 FEET ABOVE THE BOTTOM OF THE UNCONSOLIDATED AQUIFER (I.E. TOP OF GARDINERS CLAY). DEEP WELLS INSTALLED BY STV WERE SCREENED 20 TO 40 FEET ABOVE THE BOTTOM OF THE UNCONSOLIDATED AQUIFER.

4. WATER TABLE SURFACE ELEVATIONS MEASURED IN DECEMBER 2006.

**FIGURE 14**  
**Potential Sources of Chlorinated Solvents in Surrounding Area**



Path\\Name: Mi\\Cad Files\\Vision projects\\164148\\Autocad\\Figure 14 - Potential Sources of Solvents in Surrounding Area.dwg - Date\\Time: Thu, 05 Feb 2009 - 11:20am - User Name: lbochkis - Layout Tab: 11X17



SOURCE: GOOGLE EARTH AERIAL IMAGE.



LEGEND

SITE NO.	FACILITY NAME (S)	FACILITY ADDRESS	REASON FOR LISTING	SOURCE
1	Richmond Hill Foundry	7-25 91st Avenue	Potential Historic Solvent Use	Historic Sanborn Maps (1911, 1925, 1942, 1951)
2	Knitting & Worsten Mill	129-17 to 129-23 91st Avenue	Potential Historic Solvent Use	Historic Sanborn Maps (1963, 1967)
3	Ernst Ruetters Nail Manufacturer  Richmond Hill Laundry Miller Plastics Inc. replacing Richmond Hill Laundry	127-53 92nd Avenue	Potential Historic Solvent Use	Historic Sanborn Map (1925) Historic Sanborn Maps (1942, 1951) Historic Sanborn Map ( 1963)
4	W <sup>M</sup> . H. Nicholls Co. Inc. Machine Shop Leib Iron Works (replacing W <sup>M</sup> . H. Nicholls Co. Inc.)	89-51 126th Street	Potential Historic Solvent Use	Historic Sanborn Maps (1942, 1951) Historic Sanborn Maps (1963, 1968, 1981, 1991, 1996)
5	Laundry Plant Plastic Quilting Company replacing laundry plant	19-39 to 19-51 127th Street	Potential Historic Solvent Use	Historic Sanborn Maps (1951) Historic Sanborn Maps (1963, 1968, 1981, 1991, 1996)
6	Carpet Cleaning Company	89-11 to 89-44 129th Street	Potential Historic Solvent Use	Historic Sanborn Map (1942)
7	Machine Shop Unexcelled Laundry System replacing Machine Shop	9-162 121st Street (NW corner of Atlantic Ave and 121st Street)	Potential Historic Solvent Use	Historic Sanborn Map (1925) Historic Sanborn Maps (1951, 1963, 1967)
8	Auto Repair Shop	91-61 Lefferts Blvd (NE corner of Atlantic Ave and Lefferts Blvd)	Potential Historic Solvent Use	Historic Sanborn Map (1951, 1963)
9	Ink Manufacturer  Engraver	91-31 121st Street	Potential Historic Solvent Use Potential Historic Solvent Use	Historic Sanborn Map (1963) Historic Sanborn Map (1967)
10	Auto Repair Shop	91-62 120th Street	Potential Historic Solvent Use	Historic Sanborn Map (1981)
11	Uniforms For Industry	129-01 Jamaica Avenue	VCP Site, with documented solvent-related groundwater contamination	Database Report
12	Axel Electronics Inc.	134-20 Jamaica Avenue	RCRA-SQG of Solvent Waste	Database Report
13	Raymac Cabinet Company Automax Manufacturing Company	87-49 130th Street 130-50 92nd Avenue	RCRA-SQG of Solvent Waste RCRA-SQG of Solvent Waste	Database Report Database Report
14		129th Street and Jamaica Avenue	RCRA-LQG of Solvent Waste	Database Report
15	NYCTA - 129th Street Yard		RCRA-LQG of Solvent Waste	Database Report
16	Demetri Auto Body Inc.	89-25 130th Street	RCRA-SQG of Solvent Waste	Database Report
17	Diehl & Sons, Inc.	129-01 Atlantic Avenue	RCRA-SQG of Solvent Waste	Database Report
18	Machine Auto Body	89-19 126th Street	RCRA-SQG of Solvent Waste	Database Report

RCRA-SQG: Resource Conservation and Recovery Act (RCRA) Small Quantity Generator of Hazardous Waste  
RCRA-LQG: RCRA Large Quantity Generator of Hazardous Waste



APPROXIMATE SITE BOUNDARY



APPROXIMATE SITE LOCATION AND SITE NUMBER AS REFERENCED IN TABLE ABOVE

REVISIONS				
	NO.	DESCRIPTION	BY	DATE

PAPER SIZE: 18" x 24"



DESIGN BY: WS
DRAWN BY: LB
CHECK BY: DSG
DATE: JANUARY 2009
SCALE: NOT TO SCALE
PROJECT NUMBER: 107865-0010-0000

PROJECT NAME:	LONG ISLAND RAIL ROAD MORRIS PARK YARD REMEDIAL INVESTIGATION REPORT
DRAWING TITLE:	POTENTIAL SOURCES OF CHLORINATED SOLVENTS IN SURROUNDING AREA

FIGURE 14



## **APPENDICES**

## **APPENDIX A**

### **DER-10 Fish and Wildlife Resources Impact Analysis Decision Key Form**

## APPENDIX 3C

### Fish and Wildlife Resources Impact Analysis Decision Key

		If YES Go to:	If NO Go to:
1.	Is the site or area of concern a discharge or spill event?	13.	2.
2.	Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas.	13.	3.
3.	Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation?	4.	9.
4.	Does the site contain habitat of an endangered, threatened or special concern species?	Section 3.10.1	5.
5.	Has the contamination gone off site?	6.	14.
6.	Is there any discharge or erosion of contamination to surface water or the potential for discharge or erosion of contamination?	7.	14.
7.	Are the site contaminants PCBs, pesticides or other persistent, bioaccumulable substances?	Section 3.10.1	8.
8.	Does contamination exist at concentrations that could exceed SCGs or be toxic to aquatic life if discharged to surface water?	Section 3.10.1	14.
9.	Does the site or any adjacent or downgradient property contain any of the following resources? a. Any endangered, threatened or special concern species or rare plants or their habitat b. Any NYSDEC designated significant habitats or rare NYS Ecological Communities c. Tidal or freshwater wetlands d. Stream, creek or river e. Pond, lake, lagoon f. Drainage ditch or channel g. Other surface water feature h. Other marine or freshwater habitat i. Forest j. Grassland or grassy field k. Parkland or woodland l. Shrubby area m. Urban wildlife habitat n. Other terrestrial habitat	11.	10.
10.	Is the lack of resources due to the contamination?	Section 3.10.1	14.
11.	Is the contamination a localized source which has not migrated and will not migrate from the source to impact any on-site or off-site resources?	14.	12.
12.	Does the site have widespread soil contamination that is not confined under and around buildings or paved areas?	Section 3.10.1	13.
13.	Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for list of potential resources. Contact NYSDEC for information regarding endangered species.)	Section 3.10.1	14.
14.	No Fish and Wildlife Resources Impact Analysis needed.		

## **APPENDIX B**

### **Soil Boring Logs, Monitoring Well Construction Logs, Soil Vapor Probe Logs and Groundwater Sampling Logs**

## **Soil Boring Logs**

# BORING LOG

**BORING B-1**  
**SHEET 1 OF 1**

<b>JOB NAME/ CLIENT</b>		<b>PROJECT NO.</b>	
RI Investigation/LIRR		107865-0010-0007	
<b>ADDRESS</b>		<b>ELEVATION/DATUM</b>	
Morris Park Yard Facility, Richmond Hill, New York		NA	
<b>DRILLING CONTRACTOR</b>		<b>DRILLER</b>	<b>INSPECTOR</b>
Aquifer Drilling and Testing		Tony and Chris	S. Monte
<b>DRILLING RIG</b>		<b>TYPE/SIZE BIT</b>	<b>START DATE</b>
Track Rig		4" H S A	10/3/2006
<b>END DATE</b>			
10/3/2006			
<b>SAMPLER TYPE</b>		<b>HAMMER WEIGHT/DROP</b>	<b>TOTAL DEPTH</b>
Split Spoon		60#	39 Ft.
<b>WATER LEVEL</b>			
38 Ft. +/-			

SAMPLES	NUMBER	RECOVERY IN INCHES	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS	REMARKS					
								(SAA = Same As Above)				(PID, STAINING, ODORS, ETC.)
								f - fine   m - medium   c - coarse lt - light   dk - dark   tr - trace   ltl - little				
	1		Grab			0-6' Dark to Lt. Brown M C Sand, some cobbles, dry Hand Cleared	FID=0.0					
				6		6-8' Hollow stem auger						
	2	16"	7,9	8		8-10' Brown F-M Sand, F cobble, dry	FID=0.0					
			10,11									
	3	12"	8,9	10		10-12' Brown F-M Sand, F M cobble, dry	FID=0.0					
			10,11									
	4	10"	9,10	12		12-14' Lt. Brown - Brown F C Sand, F cobble, dry	FID=0.0					
			12,12									
	5	12"	10,10	14		14-16' SAA	FID=0.0					
			12,15									
	6	12"	10,14	16		16-18' Lt. Brown - Brown F C Sand, dry	FID=0.0					
			13,14									
	7	18"	10,12	18		18-20' Lt. Brown - Brown M C Sand, dry	FID=0.0 Sample Collected 18-20'					
			15,16									
	8	12"	12,15	20		20-22' Brown M C Sand, dry	FID=0.0					
			16,17									
	9	12"	8,8	22		22-24' SAA	FID=0.0					
			10,7									
	10	12"	5,6	24		24-26' Lt. Brown F-M Sand, F cobble, dry	FID=0.0					
			6,5									
	12	12"	10,10	26		26-28' SAA	FID=0.0					
			8,6									
	13	10"	9,7	28		28-30' SAA	FID=0.0					
			7,10									
			NA	30								
			NA									
	14	12"	7,8	32		32-34' Lt. Brown F M sand	FID=0.0					
			10,7									
	15	12"	7,9	34		34-36' SAA	FID=0.0					
			11,11									
	16		9,7	36		36-38' SAA wet at 38 ft	FID=0.0 Sample Collected 36-38'					
			7,7	38								
						EOB @ 38 Ft.						

**TRC**

# BORING LOG

**BORING B-2 (MW-17-50R)**  
**SHEET 1 OF 1**

JOB NAME/ CLIENT				PROJECT NO.			
RI Investigation/LIRR				107865-0010-0007			
ADDRESS				ELEVATION/DATUM			
Morris Park Yard Facility, Richmond Hill, New York				Surface 57.27/TOC 56.77 Feet Queens Borough Datum			
DRILLING CONTRACTOR				DRILLER		INSPECTOR	
Aquifer Drilling and Testing				Tony and Chis		Z. R. Strauss	
DRILLING RIG				TYPE/SIZE BIT		START DATE	
F-10				H S A – 4"		9/18/2006	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		50 ft	
END DATE				9/18/2006			
WATER LEVEL				38 +/- Ft.			
	SAMPLES			DEPTH	WATER	DESCRIPTION OF SOILS	REMARKS
	NUMBER	RECOVERY IN INCHES	BLOWS PER 6"				
(SAA = Same As Above)						(PID, STAINING, ODORS, ETC.)	
f - fine m - medium c - coarse lt - light dk - dark tr - trace bl - litt						N/S = No Staining N/O = No odors	
	1		Grab			0-5' Dark Brown to black Sand, Brick, Gravel, large and small cobbles, garbage Hand cleared to 5 ft.	FID=0.0
			3,4	5			
	2	11"	5,12	7		5-7" Lt. Brown to black M C Sand, tr gravel, tr cobbles, dry to moist	FID=0.0
			10,9				
	3	9"	10,9	9		7-9'Lt. brown to black M C Sand, tr, gravel, tr. Cobbles, dry to moist	FID=0.0
			9,7				
	4	6"	10,13	11		9-11' Dark Brown to black m c to f Sand , cobble at tip	FID=0.0
			50/3"				
			50/3"			11-13' Rock /Cobble	
	5	0	NA	13		13-15 to 18 ' Cobble or boulder in way push 18 ft13 to	FID=0.0
			NA				
			NA			Cobble or boulder in way push 13 to 18 ft	
			NA				
			NA				
	6	6"	10,12	18		18-20' Lt. brown to black M C Sand, tr, gravel, tr. Cobbles,some brick fragments moist to dry	FID=0.0
			13,15				
	7	2"	10,15	20		20-22' Black to dark brown m c Sand and gravel, moist to dry	FID=0.0
			18,23				
	8	6"	12,11	22		22-24' Lt. Brown M C Sand, some cobbles, dry	FID=0.0
			15,13				
	9	2"	15,16	24		24-26' Lt. Brown M C Sand, some Cobbles	FID=0.0 Sample Collected 24-26'
			18,20				
	10	2"	11,12	26		26-28' Lt. Brown to black M C Sand	FID=0.0
			15,18				
	11	8"	18,22	28		28-30' Lt. Brown M C sand mottled with dark bands tr. Gravel	FID=0.0
			22,28				
	12	8"	18,22	30		30-32' Lt. Brown to Dark Brown mottled bands M C Sand tr gravel, dry to moist	FID=0.0
			22,28				
	13	11"	10,12	32		32-34' Lt. Brown M C to F Sand , dry	FID=0.0
			12,13				
	14	14"	7,19	34		34-36' Lt. Brown M C to F Sand, dry	FID=0.0
			10,9				
	15	2"	25, 50/2"	36		36-38' Rock frag., Lt. Brown M C Sand, Moist	FID=0.0
	16	6"	19,25	38		38-40' Lt. Brown M C Sand Moist to wet, petroleum odors	FID=0.0 Sample Collected 38-40'
			22,18	40		40-42 taken to confirm wet soil and GWT =38+/- Ft. well set at 50 Ft. EOB @ 50 Ft	

**TRC**



# BORING LOG

**BORING B-3**  
**SHEET 1 OF 1**

<b>JOB NAME/ CLIENT</b>		<b>PROJECT NO.</b>	
RI Investigation/LIRR		107865-0010-0007	
<b>ADDRESS</b>		<b>ELEVATION/DATUM</b>	
Morris Park Yard Facility, Richmond Hill, New York		NA	
<b>DRILLING CONTRACTOR</b>		<b>DRILLER</b>	<b>INSPECTOR</b>
Aquifer Drilling and Testing		Tony and Chris	Z. R. Strauss
<b>DRILLING RIG</b>	<b>TYPE/SIZE BIT</b>	<b>START DATE</b>	<b>END DATE</b>
F-10	4" H S A	9/19/2006	9/19/2006
<b>SAMPLER TYPE</b>	<b>HAMMER WEIGHT/DROP</b>	<b>TOTAL DEPTH</b>	<b>WATER LEVEL</b>
Split Spoon	60#	39 Ft.	38 Ft. +/-

SAMPLES			DEPTH	WATER	DESCRIPTION OF SOILS	REMARKS
NUMBER	RECOVERY IN INCHES	BLOWS PER 6"				
1		Grab			0-5' Dark to Lt. Brown M C Sand, some cobbles, dry	FID=0.0
2	8"	50/1"	5		5-7' Lt. Brown M C to F Sand, some cobbles, dry	FID=0.0
3	0	NA	7		7-9' Blow through large cobble or boulder	
4	2"	NA	9		9-11' Lt. Brown M C to f Sand, tr. Gravel, dry	FID=0.2
5	7"	9,8	11		11-13' Lt. Brown M C Sand, Gravel, Small Cobbles, dry	FID=0.0
6	18"	7,11	13		13-15' Lt. Brown M C Sand, some gravel, dry	FID=0.5
7	11"	9,9	15		15-17' Lt. Brown M C Sand, tr. Gravel, tr. Cobbles, dry	FID=0.2
8	12"	7,6	17		17-19' Lt. Brown M C Sand, Tr. Gravel, tr. Cobbles, dry	FID=0.3
9	10"	8,8	19		19-21' Lt. Brown M C to C Sand, Tr. Gravel, tr. Cobbles, dry	FID=0.2
10	17"	8,9	21		21-23' Lt. Brown M C to C Sand, tr. Gravel, dry	FID=0.5
11	10"	9,9	23		23-25' Lt. Brown M C to F Sand, dry	FID=0.2 sample Collected 23'-25'
12	2"	9,10	25		25-27' Lt. Brown M C to C Sand, dry	FID=0.8
13	15"	8,8	27		27-29' Lt. Brown M C Sand tr. Gravel, dry	FID=1.1 Sample Collected 27'-29'
14	12"	10,11	29		29-31' Lt. Brown M C Sand, dry	FID=0.6
15	10"	8,8	31		31-33' Lt. Brown M C Sand, tr. Gravel, dry	FID=0.8
16	15"	7,9	33		33-35' Lt. Brown M C Sand, dry	FID=0.0
17	9"	11,9	35		35-37' Lt. Brown M C to F Sand, dry	FID=0.0
18	24"	8,17	37		37-39' Lt. Brown M C to f Sand, wet	FID=0.1 Sample Collected 37'-39'
		9,8	39		EOB @ 39 Ft.	

**TRC**

# BORING LOG

**BORING B-4**  
**SHEET 1 OF 1**

<b>JOB NAME/ CLIENT</b>		<b>PROJECT NO.</b>	
RI Investigation/LIRR		107865-0010-0007	
<b>ADDRESS</b>		<b>ELEVATION/DATUM</b>	
Morris Park Yard Facility, Richmond Hill, New York		NA	
<b>DRILLING CONTRACTOR</b>		<b>DRILLER</b>	<b>INSPECTOR</b>
Aquifer Drilling and Testing		Tony and Chris	Z. R. Strauss
<b>DRILLING RIG</b>	<b>TYPE/SIZE BIT</b>	<b>START DATE</b>	<b>END DATE</b>
F-10	4" H S A	9/20/2006	9/20/2006
<b>SAMPLER TYPE</b>	<b>HAMMER WEIGHT/DROP</b>	<b>TOTAL DEPTH</b>	<b>WATER LEVEL</b>
Spoon	20#	41 Ft.	39 Ft. +/-

SAMPLES				DEPTH	WATER	DESCRIPTION OF SOILS  (SAA = Same As Above)  f - fine   m - medium   c - coarse lt - light   dk - dark   tr - trace   ltl - little	REMARKS  (PID, STAINING, ODORS, ETC.)  N/S = No Staining N/O = No odors
NUMBER	RECOVERY IN INCHES	BLOWS PER 6"					
1		Grab				0-5' Dark to Lt. Brown M C Sand, some cobbles, dry	FID=0.0
2	5"	27, 50/2"		5		5-7' Large boulder, Lt. Brown M C to F Sand, gravel, dry	FID=0.1
3	0	NA		7		7-9' Blow through large cobble or boulder	
4	8"	NA		9		9-11' Lt. Brown M C Sand, tr. Gravel, dry	FID=0.2
5	8"	5,5		11		11-13' Lt. Brown M C Sand, some Gravel at tip, dry	FID=0.1
6	8"	6,4		13		13-15' Lt. Brown M C to F Sand, tr. gravel, dry	FID=0.1
7	8"	15,9		15		15-17' Lt. Brown M C Sand, tr. Gravel, dry	FID=0.0
8	14"	9,10		17		17-19' Lt. Brown M C Sand, Tr. Gravel, , dry	FID=0.0
9	10"	7,7		19		19-21' Lt. Brown M C to C Sand, Tr. Gravel, tr. Pebbles, dry	FID=0.0
10	11"	9,11		21		21-23' Lt. Brown M C to F Sand, tr. Gravel, pebbles, dry	FID=0.0
11	10"	9,9		23		23-25' Lt. Brown M C to C Sand, tr. Gravel, pebbles dry	FID=0.0
12	12"	10,12		25		25-27' Lt. Brown M C to C Sand, tr. Gravel dry	FID=0.0 Sample Collected 25'-27'
13	13"	7,7		27		27-29' Lt. Brown M C to C Sand tr. Gravel, dry	FID=0.0
14	17"	8,6		29		29-31' Lt. Brown M C to F Sand, stiff, dry	FID=0.0
15	15"	2,12		31		31-33' Lt. Brown M C to F Sand, dry	FID=0.0
16	24"	13,16		33		33-35' Lt. Brown M C to F Sand, dry	FID=0.0
17	24"	12,9		35		35-37' Lt. Brown M C to F Sand, dry	FID=0.0
18	24"	14,12		37		37-39' Lt. Brown M C to F Sand, wet	FID=0.0
	23"	15,16		39		39-41' Lt. Brown M C to F Sand, Wet	FID=0.0 Sample Collected 39'-41'
		16,20		41		EOB @ 41 Ft.	

# BORING LOG

**BORING B-5 (MW-2-160R)**  
**SHEET 1 OF 5**

JOB NAME/ CLIENT				PROJECT NO.			
RI Investigation/LIRR				107865-0010-0007			
ADDRESS				ELEVATION/DATUM			
Morris Park Yard Facility, Richmond Hill, New York				Surface 56.90/TOC 56.68 feet Queens Borough Datum			
DRILLING CONTRACTOR				DRILLER		INSPECTOR	
Aquifer Drilling and Testing				Brian and Enrique		Sam Monte	
DRILLING RIG				TYPE/SIZE BIT		START DATE	
CME-75				4" Mud Rotary		9/15/2006	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon Split				60#		180Ft.	
END DATE				WATER LEVEL			
9/19/2006				37.37 FT.			
	SAMPLES			DEPTH	WATER	DESCRIPTION OF SOILS	REMARKS
	NUMBER	RECOVERY IN INCHES	BLOWS PER 6"				
(SAA = Same As Above)						(PID, STAINING, ODORS, ETC.)	
F - fine M - medium C- coarse lt - light dk - dark tr - trace ltl - litt						N/S = No Staining N/O = No odors	
	1		Grab			0-5' Brown F C Sand, F C Cobble	Hand Cleared to 5 Ft.
	2	16"	9,14	5		5-7' Grey Brown F C Sand, cobble and gravel	FID=0.0
			22,20	7			
	3	10"	15,14			7-9' Brown F C Sand, F cobble	FID=0.0
			20,17	9			N/O, N/S
	4	2"	13,14			9-11' F Cobbles only	FID=0.0
			17,17	11			
	5	8"	14,17			11-13' Brown F C Sand, M cobble	FID=0.0
			19,20	13			
	6	8"	8,7			13-15' Brown M C Sand, F gravel and cobble	FID=0.0
			7,9	15			
	7	6"	5,5			15-17' Brown F C Sand , F gravel and cobble	FID=0.0
			6,7	17			
	8	6"	9,11			17-19' Brown C Sand, M C Cobble	FID=0.0
			9,11	19			
	9	4"	8,10			19-21' F Cobble	FID=0.0
			10,7	21			
	10	2"	9,10			21-23' SAA	FID=0.0
			10,7	23			
	11	6"	9,10			23-25' Brown M C Sand, C cobble	FID=0.0
			11,12	25			
	12	8"	10,12			25-27' Brown M C Sand, F cobble	FID=0.0
			12,10	27			
	13	0	NA			27-29' No Recovery	FID=0.0
			NA	29			
	14	8"	13,13			29-31' Brown M C Sand, C Cobble	
			16,12	31			
	15	10"	6,7			31-33' SAA, No odor	FID=0.0
			6,9	33			
	16	12"	10,10			33-35' Brown F- M C Sand, no odor	FID=0.0
			11,9	35			
	17	5"	17,14			35-37' Lt. Brown- Brown F- M C Sand, no odor	FID=0.0
			12,15	37			
	18	5"	10,12			37-39' Brown F- M C Sand, no odor	FID=0.0 Sample Collected 37-39'
			15,17	39			
	19	6"					

**TRC**

## BORING LOG

**BORING B-5 (MW-2-160R)**

**SHEET 2 OF 5**

JOB NAME/ CLIENT				PROJECT NO.			
RI Investigation/LIRR				107865-0010-0007			
ADDRESS				ELEVATION/DATUM			
Morris Park Yard Facility, Richmond Hill, New York				Surface 56.90/TOC 56.68 feet Queens Borough Datum			
DRILLING CONTRACTOR				DRILLER		INSPECTOR	
Aquifer Drilling and Testin				Brian and Enrique		Sam Monte	
DRILLING RIG				TYPE/SIZE BIT		START DATE	
CME-75				4" Mud Rotary		9/15/2006	
END DATE				9/19/2006			
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		180Ft.	
WATER LEVEL				37.37 FT.			
	SAMPLES			DEPTH	WATER	DESCRIPTION OF SOILS	REMARKS
	NUMBER	RECOVERY IN INCHES	BLOWS PER 6"				
			NA	41			
			NA				
			NA	43			
			NA				
			NA	45			
			NA				
			NA	47			
		12"	10,14			47-49' SAA	FID=0.0
			15,9	49			No Odor
			NA				
			NA	51			
			NA				
			NA	53			
			NA				
			NA	55			
			NA				
			NA	57			
			NA				
	20	8"	14,15	59		58-60' Brown M C Sand, F gravel	FID=0.0
			18,19				No Odor
			NA	61			
			NA				
			NA	63			
			NA				
			NA	65			
			NA				
			NA	67			
			NA				
			NA	69			
			NA				
	21	6"	15,20	71		68-70' Brown F M Sand	FID=0.0
			22,22				No Odor
			NA	73			
			NA				
			NA	75			
			NA				
			NA	77			
			NA				
	22	6"	15,11	79		78-80' SAA	FID=0.0
			12,14				No Odor

**TRC**

## BORING LOG

**BORING B-5 (MW-2-160R)**

**SHEET 3 OF 5**

JOB NAME/ CLIENT				PROJECT NO.							
RI Investigation/LIRR				107865-0010-0007							
ADDRESS Morris Park Yard Facility, Richmond Hill, New Yorl				ELEVATION/DATUM Surface 56.90/TOC 56.68 feet Queens Borough Daturr							
DRILLING CONTRACTOR Aquifer Drilling and Testing				DRILLER Brian and Enrique		INSPECTOR Sam Monte					
DRILLING RIG CME-75		TYPE/SIZE BIT 4" Mud Rotary		START DATE 9/15/2006		END DATE 9/19/2006					
SAMPLER TYPE Split Spoon		HAMMER WEIGHT/DROP 60#		TOTAL DEPTH 180Ft.		WATER LEVEL 37.37 FT.					
	SAMPLES			DEPTH	WATER	DESCRIPTION OF SOILS	REMARKS				
	NUMBER	RECOVERY IN INCHES	BLOWS PER 6"								
(SAA = Same As Above)				(PID, STAINING, ODORS, ETC.)							
f - fine m - medium c - coarse lt - light dk - dark tr - trace hl - litt				N/S = No Staining N/O = No odors							
	23	6"	NA	79	88-90' SAA		FID = 0.0  No Odor				
			NA								
			NA	81							
			NA								
			NA	83							
			NA								
			NA	85							
			NA								
			NA	87							
			NA								
	24	6"	15,17	89				98-100' SAA		FID = 0.0  No Odor	
			17,20								
			NA	91							
			NA								
			NA	93							
			NA								
			NA	95							
			NA								
			NA	97							
			NA								
			10,15	99							
			17,20								
			NA	101							
			NA								
			NA	103							
			NA								
			NA	105							
			NA								
NA	107										
NA											
NA	109										
NA											
NA	111										
NA											
NA	113										
NA											
NA	115										
NA											
NA	117										
NA											

**TRC**

## BORING LOG

**BORING B-5 (MW-2-160R)**

**SHEET 4 OF 5**

JOB NAME/ CLIENT					PROJECT NO.											
RI Investigation/LIRR					107865-0010-0007											
ADDRESS Morris Park Yard Facility, Richmond Hill, New York					ELEVATION/DATUM Surface 56.90/TOC 56.68 feet Queens Borough Datum											
DRILLING CONTRACTOR Aquifer Drilling and Testin					DRILLER Brian and Enrique		INSPECTOR Sam Monte									
DRILLING RIG CME-75					TYPE/SIZE BIT 4" Mud Rotary		START DATE 9/15/2006		END DATE 9/19/2006							
SAMPLER TYPE Split Spoon					HAMMER WEIGHT/DROP 60#		TOTAL DEPTH 180Ft.		WATER LEVEL 37.37 FT.							
	SAMPLES			DEPTH	WATER	DESCRIPTION OF SOILS				REMARKS						
	NUMBER	RECOVERY IN INCHES	BLOWS PER 6"			(SAA = Same As Above)  f - fine    m - medium    c - coarse lt - light   dk - dark   tr - trace   ltl - litt				(PID, STAINING, ODORS, ETC.)  N/S = No Staining N/O = No odors						
	25	6"	NA	117		120-122' Brown F C Sand				No Odor FID = 0.0						
			NA													
			NA	119												
			NA													
			19.23	121												
			13.15													
			NA	123												
			NA	125												
			NA													
			NA	127												
	NA	129														
	NA															
	NA	131														
	NA	133														
	NA															
	NA	135														
	NA															
	NA	137														
	26	6"	NA	139								140-142' SAA				FID=0.0 No Odor
			17.18	141												
23.20																
NA			143													
NA																
NA			145													
NA																
NA			147													
NA			149													
NA																
NA	151															
NA																
NA	153															
NA																
NA	155															
NA																

**TRC**

## BORING LOG

**BORING B-5 (MW-2-160R)**

**SHEET 5 OF 5**

[illegible]

**TRC**

# BORING LOG

**BORING B-6 (MW-29D)**  
**SHEET 1 OF 5**

JOB NAME/ CLIENT				PROJECT NO.			
RI Investigation/LIRR				107865-0010-0007			
ADDRESS				ELEVATION/DATUM			
Morris Park Yard Facility, Richmond Hill, New York				N/A (no access to well)			
DRILLING CONTRACTOR				DRILLER		INSPECTOR	
Aquifer Drilling and Testing				Brian and Enrique		Sam Monte	
DRILLING RIG				TYPE/SIZE BIT		START DATE	
CME-75				4" Mud Rotary		9/20/2006	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		190Ft.	
END DATE				WATER LEVEL			
9/25/2006				38 FT.			
	SAMPLES			DEPTH	WATER	DESCRIPTION OF SOILS	REMARKS
	NUMBER	RECOVERY IN INCHES	BLOWS PER 6"				
(SAA = Same As Above)						(PID, STAINING, ODORS, ETC.)	
f - fine m - medium c - coarse lt - light dk - dark tr - trace ltl - litt						N/S = No Staining N/O = No odors	
1			Grab			0-6 ' Brown F Sandy Silt with Cobbles	Hand Cleared to 6 Ft.
2	6"	25,29		6		6-8' Brown F M Sand, F gravel	FID=0.0
		30,37		8			
3	0	35,37				8-10' No Recovery	
		42,37		10			
4	6"	39,42				10-12' Brown M C Sand, F M cobble	FID=0.0
		43,45		12			
5	12"	39,42				12-14' Brown M C Sand, F C cobble	FID=0.0
		43,45		14			
6	8"	11,12				14-16' Brown M C Sand, F M cobble	FID=0.0
		17,20		16			
7	8"	11,15				16-18' SAA	FID=0.0
		19,20		18			
8	6"	10,15				18-20' Brown M C Sand, M C cobble	FID=0.0
		15,20		20			
9	8"	15,17				20-22' SAA	FID=0.0
		20,22		22			
10	6"	22,24				22-24' SAA	FID=0.0
		24,27		24			
11	6"	23,27				24-26' SAA	FID=0.0
		27,29		26			
12	6"	24,25				26-28' Brown M C Sand	FID=0.0
		27,30		28			
13	8"	24,27				28-30' Lt. Brown M C sand, M cobble	FID=0.0
		30,33		30			
14	6"	10,12				30-32' SAA	FID=0.0
		12,15		32			
15	0	12,15				32-34' No Recovery	FID=0.0
		14,17		34			
16	0	10,12				34-36' No Recovery	FID=0.0
		15,10		36			
17	2"	9,8				36-38' Black Brown M C Sand	FID=0.0 Sample Collected 36-38'
		7,12		38			
18	0	9,10				38-40' No Recovery	FID=0.0
		13,15		40			

**TRC**



# BORING LOG

BORING B-6 (MW-29D)  
SHEET 2 OF 5

<b>JOB NAME/ CLIENT</b>				<b>PROJECT NO.</b>			
RI Investigation/LIRR				107865-0010-0007			
<b>ADDRESS</b>				<b>ELEVATION/DATUM</b>			
Morris Park Yard Facility, Richmond Hill, New York				N/A (no access to well)			
<b>DRILLING CONTRACTOR</b>				<b>DRILLER</b>		<b>INSPECTOR</b>	
Aquifer Drilling and Testing				Brian and Enrique		Sam Monte	
<b>DRILLING RIG</b>				<b>TYPE/SIZE BIT</b>		<b>START DATE</b>	
CME-75				4" Mud Rotary		9/20/2006	
<b>SAMPLER TYPE</b>				<b>HAMMER WEIGHT/DROP</b>		<b>TOTAL DEPTH</b>	
Split Spoon				60#		190Ft.	
<b>SAMPLES</b>				<b>DEPTH</b>		<b>DESCRIPTION OF SOILS</b>	
<b>REMARKS</b>				<b>WATER</b>		<b>REMARKS</b>	
(PID, STAINING, ODORS, ETC.)						(PID, STAINING, ODORS, ETC.)	
(SAA = Same As Above)						(SAA = Same As Above)	
f - fine m - medium c - coarse						f - fine m - medium c - coarse	
lt - light dk - dark tr - trace ltl - litt						lt - light dk - dark tr - trace ltl - litt	
NA				42			
NA				44			
NA				46			
NA				48			
10,11				50		48-50' Brown F M Sand	
13,17				52			
NA				54			
NA				56			
NA				58			
NA				60			
NA				62			
NA				64			
NA				66			
NA				68			
NA				70			
10,10				72		Dk. Brown - Lt. Brown F M Sand	
12,15				74			
NA				76			
NA				78			
NA				80			
NA							

TRC

BORING LOG

JOB NAME/ CLIENT				PROJECT NO.				
RI Investigation/LIRR				107865-0010-0007				
ADDRESS				ELEVATION/DATUM				
Morris Park Yard Facility, Richmond Hill, New York				N/A (no access to well)				
DRILLING RIG		TYPE/SIZE BIT		START DATE		END DATE		
CME-75		4" Mud Rotary		9/20/2006		9/25/2006		
SAMPLER TYPE		HAMMER WEIGHT/DROP		TOTAL DEPTH		WATER LEVEL		
Split Spoon		60#		190Ft.		38 FT.		
	SAMPLES			DEPTH	WATER	DESCRIPTION OF SOILS	REMARKS	
	NUMBER	RECOVERY IN INCHES	BLOWS PER 6"					
						(SAA = Same As Above)  f - fine    m - medium    c - coarse lt - light   dk - dark   tr - trace   ltl - little	(PID, STAINING, ODORS, ETC.)  N/S = No Staining N/O = No odors	
	21	12"	NA	82	90-92' Brown F Sand		FID=0.0  N/O	
			NA					
			NA	84				
			NA					
			NA	86				
			NA					
			NA	88				
			NA					
			NA	90				
			15,17					
			17,19	92				
			NA					
			NA	94				
			NA					
			NA	96				
			NA					
			NA	98				
			NA					
			NA	100				
			NA					
			NA	102				
			NA					
			NA	104				
			NA					
			NA	106				
			NA					
			NA	108				
NA								
NA	110							
	22	8"	17,20	110	110-112' Brown F M Sand		FID=0.0  N/O	
			20,25	112				
			NA					
			NA	114				
			NA					
			NA	116				
			NA					
			NA	118				
			NA					
			NA	120				
			NA					
			NA					

TRC

BORING LOG

JOB NAME/ CLIENT		PROJECT NO.	
RI Investigation/LIRR		107865-0010-0007	
ADDRESS		ELEVATION/DATUM	
Morris Park Yard Facility, Richmond Hill, New York		N/A (no access to well)	
DRILLING RIG		TYPE/SIZE BIT	START DATE
CME-75		4" Mud Rotary	9/20/2006
SAMPLER TYPE		HAMMER WEIGHT/DROP	TOTAL DEPTH
Split Spoon		60#	190Ft.
	SAMPLES		REMARKS
	NUMBER	BLOWS PER 6"	
		DEPTH	
		WATER	
		DESCRIPTION OF SOILS	
		(SAA = Same As Above)	
		f - fine m - medium c - coarse lt - light dk - dark tr - trace tl - little	
	23	6"	122
			124
			126
			128
			130
			132
			134
			136
			138
			140
			142
			144
			146
			148
			150
			152
			154
			156
			158
			160

TRC

## BORING LOG

**BORING B-6 (MW-29D)**

**SHEET 5 OF 5**

[illegible]**TRC**

# BORING LOG

**BORING B-7 (MW-30D)**  
**SHEET 1 OF 5**

JOB NAME/ CLIENT				PROJECT NO.			
RI Investigation/LIRR				107865-0010-0007			
ADDRESS				ELEVATION/DATUM			
Morris Park Yard Facility, Richmond Hill, New York				Surface 56.67/TOC 56.44 Feet Queens Borough Datum			
DRILLING CONTRACTOR				DRILLER		INSPECTOR	
Aquifer Drilling and Testing				Brian and Enrique		Sam Monte	
DRILLING RIG				TYPE/SIZE BIT		START DATE	
CME-75				4" Mud Rotary		9/11/2006	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	

**TRC**

# BORING LOG

**BORING B-7 (MW-30D)**  
**SHEET 2 OF 5**

JOB NAME/ CLIENT				PROJECT NO.			
RI Investigation/LIRR				107865-0010-0007			
ADDRESS				ELEVATION/DATUM			
Morris Park Yard Facility, Richmond Hill, New York				Surface 56.67/TOC 56.44 Feet Queens Borough Datum			
DRILLING CONTRACTOR				DRILLER		INSPECTOR	
Aquifer Drilling and Testing				Brian and Enrique		Sam Monte	
DRILLING RIG				TYPE/SIZE BIT		START DATE	
CME-75				4" Mud Rotary		9/11/2006	
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH	
Split Spoon				60#		170Ft.	
END DATE				9/14/2006			
WATER LEVEL				37.37 FT.			
	SAMPLES			DEPTH	WATER	DESCRIPTION OF SOILS	REMARKS
	NUMBER	RECOVERY IN INCHES	BLOWS PER 6"				
(SAA = Same As Above)						(PID, STAINING, ODORS, ETC.)	
f - fine m - medium c - coarse lt - light dk - dark tr - trace ltl - litt						N/S = No Staining N/O = No odors	
	19	8"	10,11	41		41-43' Brown F- M C Sand, no odor	FID=0.0
			12,12				
	20	14"	8,7	43		43-45' SAA	FID=0.0
			7,9				
	21	14"	8,7	45		45-47' SAA	FID=0.0
			7,8				
	22	12"	8,11	47		47-49' SAA	FID=0.0
			15,9				
	23	16"	12,10	49		49-51' Top 8" Brown F-M C Sand, no odor, Bottom 8" Gray F-M C Sand, No odor	
			11,12				
	24	18"	10,10	51		No FID reading but Slight odor	
			10,10				
	25	20"	12,11	53		51-53' Gray F C-M C Sand,odor- petroleum	FID=20.1
			13,10				
	26	20"	23,20	55		53-55' SAA, Odor, No Sheen	FID=45.6
			36,35				
	27	18"	21,21	57		55-57' Gray M C-C Sand,odor, sm. Gravel	FID=54.6
			19,33				
	28	18"	10,12	59		57-59' Grey F – M C Sand, odor	FID=75.9 Sample collected 57-59'
			35,23				
	29	18"	13,15	61		59-61' Brown F- M C Sand, odor	FID=45.1
			11,10				
	30	8"	7,9	63		61-63' Gray M C-C Sand,odor, sm. Gravel	FID=54.7
			9,7				
	31	12"	3,8	65		63-65' SAA, Odor	FID=93.8
			10,10				
	32	8"	7,8	67		65-67' SAA, Odor	FID=35.3
			8,7				
	33	12"	15,14	69		67-69' Brown F- M C Sand, no odor	FID=2.2
			14,17				
34	8"	12,19	71		69-71' SAA	FID=0.0 Sample collected 69-71'	
		22,18					
35	10"	10,8	73		71-73' SAA, no odor	FID=0.0	
		13,12					
36	8"	12,7	75		73-75' SAA	FID=0.0	
		14,15					
37		7,12	77		75-77' SAA	FID=0.0	
		9,15					
		11,13	79		77-79' SAA	FID=0.0	

**TRC**

# BORING LOG

**BORING B-7 (MW-30D)**  
**SHEET 3 OF 5**

JOB NAME/ CLIENT				PROJECT NO.							
RI Investigation/LIRR				107865-0010-0007							
ADDRESS				ELEVATION/DATUM							
Morris Park Yard Facility, Richmond Hill, New York				Surface 56.67/TOC 56.44 Feet Queens Borough Datum							
DRILLING CONTRACTOR				DRILLER		INSPECTOR					
Aquifer Drilling and Testing				Brian and Enrique		Sam Monte					
DRILLING RIG				TYPE/SIZE BIT		START DATE					
CME-75				4" Mud Rotary		9/11/2006					
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH					
Split Spoon				60#		170Ft.					
SAMPLES				DESCRIPTION OF SOILS				REMARKS			
NUMBER		RECOVERY IN INCHES		BLOWS PER 6"		DEPTH		WATER			
				(SAA = Same As Above)				(PID, STAINING, ODORS, ETC.)			
				f - fine m - medium c - coarse				N/S = No Staining			
				lt - light dk - dark tr - trace ltl - litt				N/O = No odors			
38		8"		10,8		79		79-81' Lt. Brown F-M C Sand, No Odor		FID=0.0	
				15,11		81		81-83' SAA		FID=0.0	
39		14"		9,9							
				8,9		83		83-85' Lt. Brown F Sand, No Odor		FID=0.0	
40		12"		12,18							
				19,17		85		85-87" SAA		FID=0.0	
41		12"		19,18							
				15,19		87		87-89' SAA		FID=0.0	
42		12"		18,19							
				19,12		89		89-91' SAA		FID=0.0	
43		8"		16,16							
				15,16		91		91-93' SAA		FID=0.0	
44		8"		9,12							
				13,10		93		93-95' Brown F- M C Sand		FID=0.0	
45		12"		9,10							
				10,12		95		95-97' SAA		FID=0.6	
46		8"		10,9							
				9,10		97		97-99' SAA		FID=0.0	
47		12"		12,13							
				15,13		99		99-101' Brown F- M C Sand, No Odor		FID=0.0	
48		18"		13,8							
				18,17		101		101-103' Brown F- C Sand, F Gravel, No Odor		FID=0.0	
49		12"		12,15							
				15,14		103		103-105' Brown F- C Sand, No Odor		FID=0.0	
50		8"		11,17							
				15,17		105		105-107" Brown F- M C Sand, No Odor		FID=0.0	
51		18"		10,17							
				17,10		107		107-109' SAA		FID=0.0	
52		10"		15,17							
				17,12		109		109-111' SAA		FID=0.0	
53		12"		12,16							
				14,10		111		111-113' SAA		FID=0.0	
54		10"		10,15							
				17,17		113		113-115' Brown-Red Brown F- MC Sand, No Odor		FID=0.0	
55		12"		9,15							
				14,11		115		115-117' Lt. Brown F- C Sand, Some Gravel, No Odor		FID=0.0	
56		18"		8,16							
				19,12		117					

**TRC**

# BORING LOG

**BORING B-7 (MW-30D)**  
**SHEET 4 OF 5**

JOB NAME/ CLIENT				PROJECT NO.								
RI Investigation/LIRR				107865-0010-0007								
ADDRESS				ELEVATION/DATUM								
Morris Park Yard Facility, Richmond Hill, New York				Surface 56.67/TOC 56.44 Feet Queens Borough Datum								
DRILLING CONTRACTOR				DRILLER		INSPECTOR						
Aquifer Drilling and Testing				Brian and Enrique		Sam Monte						
DRILLING RIG				TYPE/SIZE BIT		START DATE						
CME-75				4" Mud Rotary		9/11/2006						
SAMPLER TYPE				HAMMER WEIGHT/DROP		TOTAL DEPTH						
Split Spoon				60#		170Ft.						
SAMPLES				DESCRIPTION OF SOILS				REMARKS				
WELL	CONSTRUCTION	NUMBER	RECOVERY IN INCHES	BLOWS PER 6"	DEPTH	WATER	(SAA = Same As Above)				(PID, STAINING, ODORS, ETC.)	
							f - fine    m - medium    c - coarse lt - light    dk - dark    tr - trace    ltl - litt				N/S = No Staining N/O = No odors	
		57	8"	25,20	117		117-119' Brown M C – C Sand, SM. Gravel, no Odor				FID=0.0	
				21,20								
		58	12"	23,20	119		119-121' SAA				FID=0.0	
				19,23								
		59	10"	13,15	121		121-123' Brown F- M C Sand, No Odor				FID=0.0	
				17,10								
		60	12"	13,16	123		123-125' Brown F- M C Sand, No Odor				FID=0.0	
				13,17								
		61	16"	15,16	125		125-127' Brown F- M C Sand, No Odor				FID=0.0	
				17,8								
		62	10"	25,46	127		127-129' SAA				FID=0.0	
				21,24								
		63	12"	22,24	129		129-131' SAA				FID=0.0	
				20,19								
		64	12"	19,21	131		131-133' SAA				FID=0.0	
				17,20								
		65	12"	25,28	133		133-135' Brown F- M C Sand, No Odor				FID=0.0	
				20,19								
		66	8"	24,25	135		135-137' SAA				FID=0.0	
				25,26								
		67	12"	20,21	137		137-139' SAA				FID=0.0	
				8,17								
		68	16"	19,20	139		139-141' SAA				FID=0.0	
				17,18								
		69	10"	23,20	141		141-143' Gray Brown F-M C Sand, No Odor				FID=0.0	
				20,18								
		70	14"	17,16	143		143-145' SAA, Driller noticed Odor, No FID or PID					
				18,16								
		71	10"	17,16	145		145-147' SAA, Slight Odor still present, collected VOC Sample, No FID/PID reading, Sm. Gravel				Sample Collected 145-147'	
				16,16								
		72	12"	10,15	147		147-149' Gray Brown F-M C Sand, No Odor				FID=0.0	
				17,15								
					149		150-152' Gray F- M C Sand , No Odor; Brown F- M C Sand Seams				FID=0.0	
		73	12"	12,15	151							
				15,11								
					153							
		74	10"	13,15	155						FID=0.0	
				15,10			155-157' SAA					

**TRC**



## BORING LOG

**BORING B-7 (MW-30D)**

**SHEET 5 OF 5**

[illegible]

**TRC**

## **Monitoring Well Logs**

JOB NAME: Remedial Investigation

WELL NUMBER: **MW-21S**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 9/26/06

DRILLER: ADT

DEVELOPMENT DATE: 11/7/06

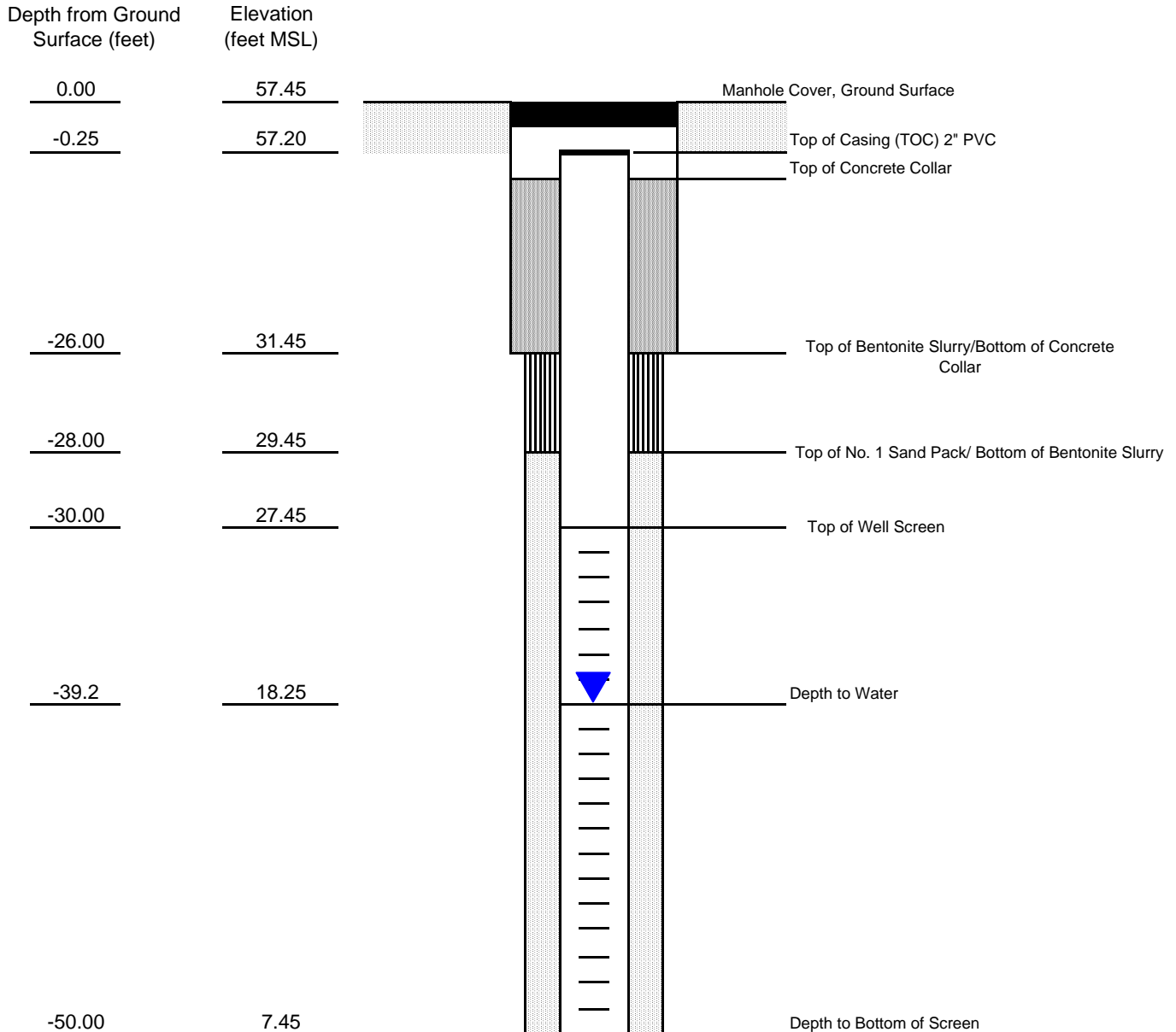
GAUGING DATE: 12/6/06

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 38.95 Feet Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **MW-22S**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 9/29/06

DRILLER: ADT

DEVELOPMENT DATE: 11/7/06

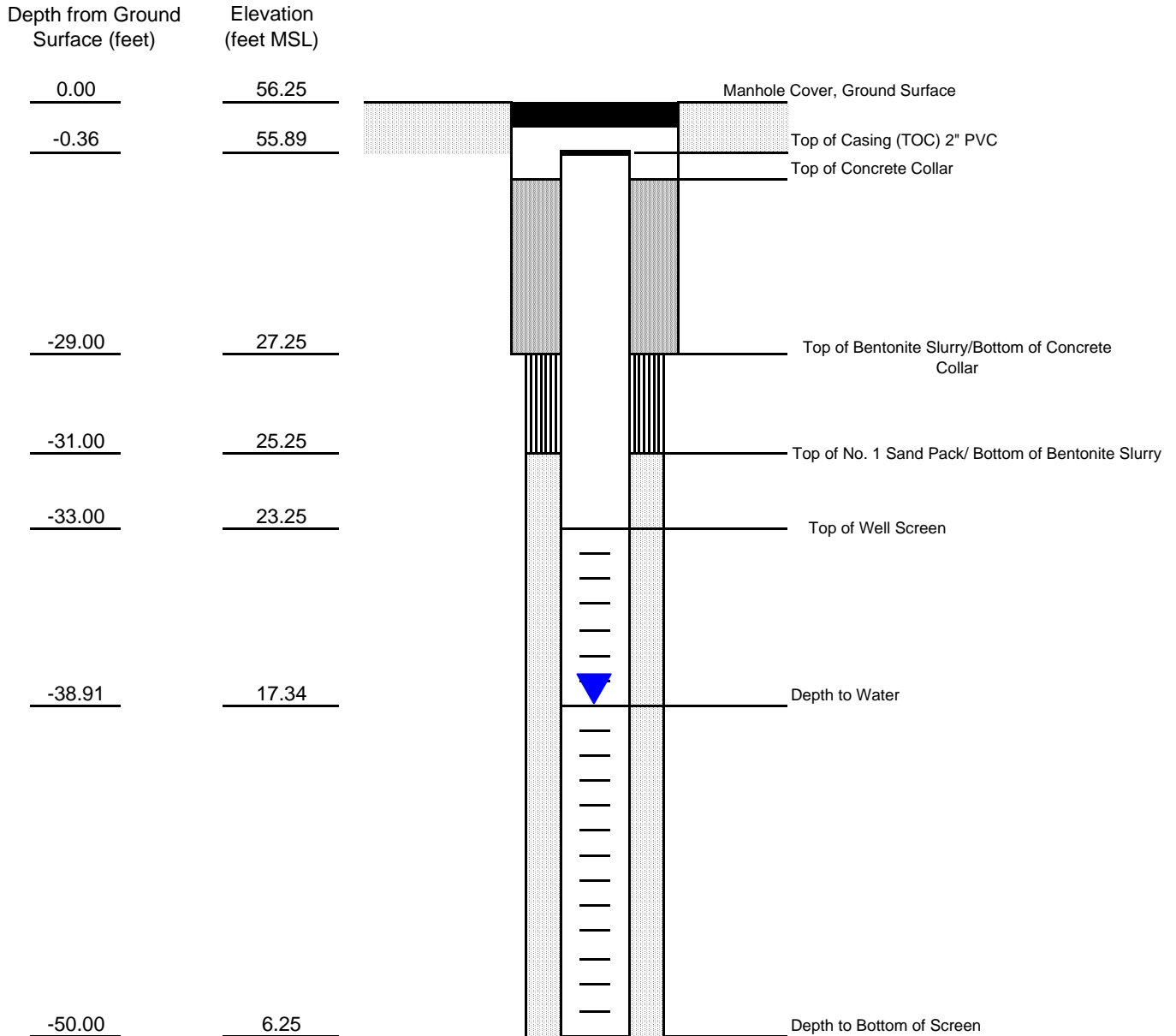
GAUGING DATE: 12/6/07

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 38.55 Feet Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **MW-23S**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 9/19/06

DRILLER: ADT

DEVELOPMENT DATE: 11/9/06

GAUGING DATE: 11/29/06

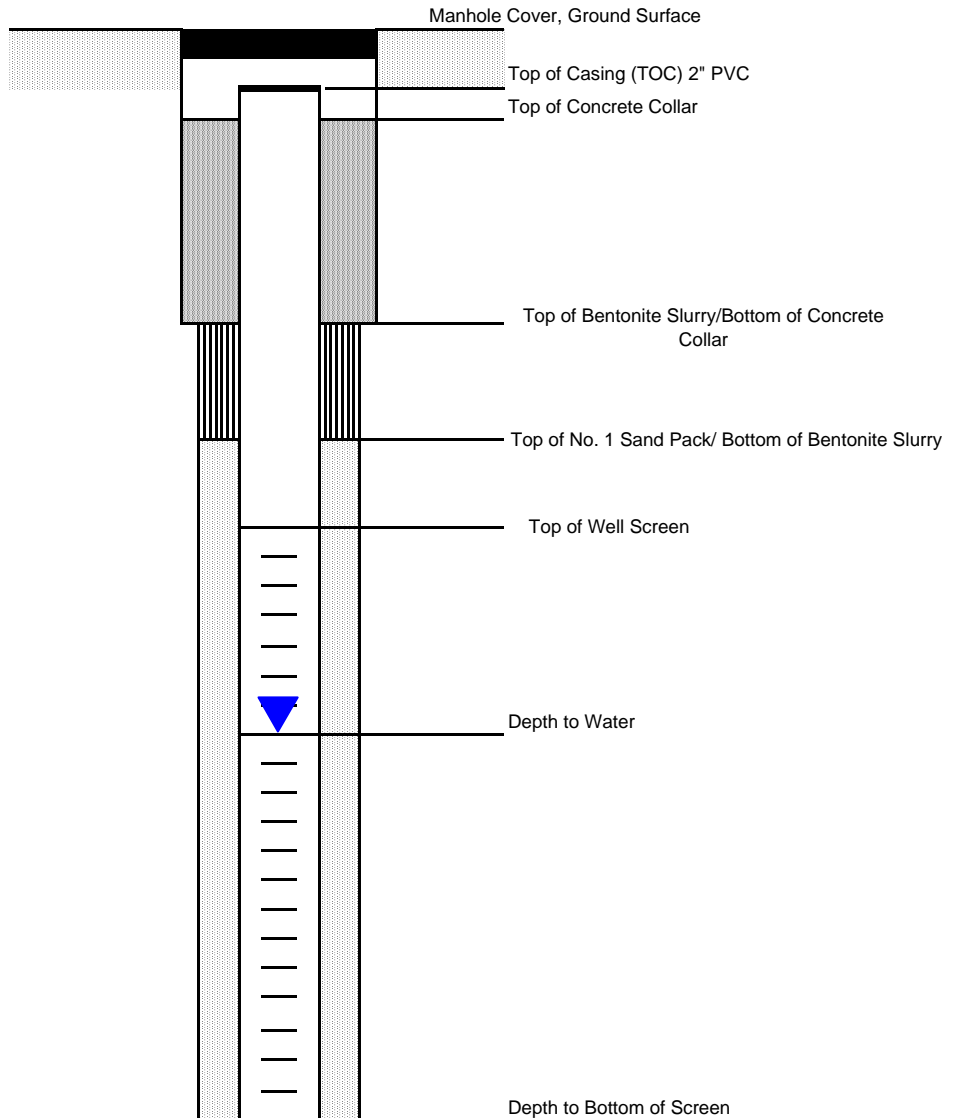
HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 40.25 Feet Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA

Depth from Ground Surface (feet)	Elevation (feet MSL)
<u>0.00</u>	<u>58.38</u>
<u>-0.48</u>	<u>57.90</u>
<u>-26.00</u>	<u>32.38</u>
<u>-28.00</u>	<u>30.38</u>
<u>-30.00</u>	<u>28.38</u>
<u>-40.73</u>	<u>17.65</u>
<u>-50.00</u>	<u>8.38</u>



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **MW-24S**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 10/6/06

DRILLER: ADT

DEVELOPMENT DATE: 11/7/06

GAUGING DATE: 11/29/06

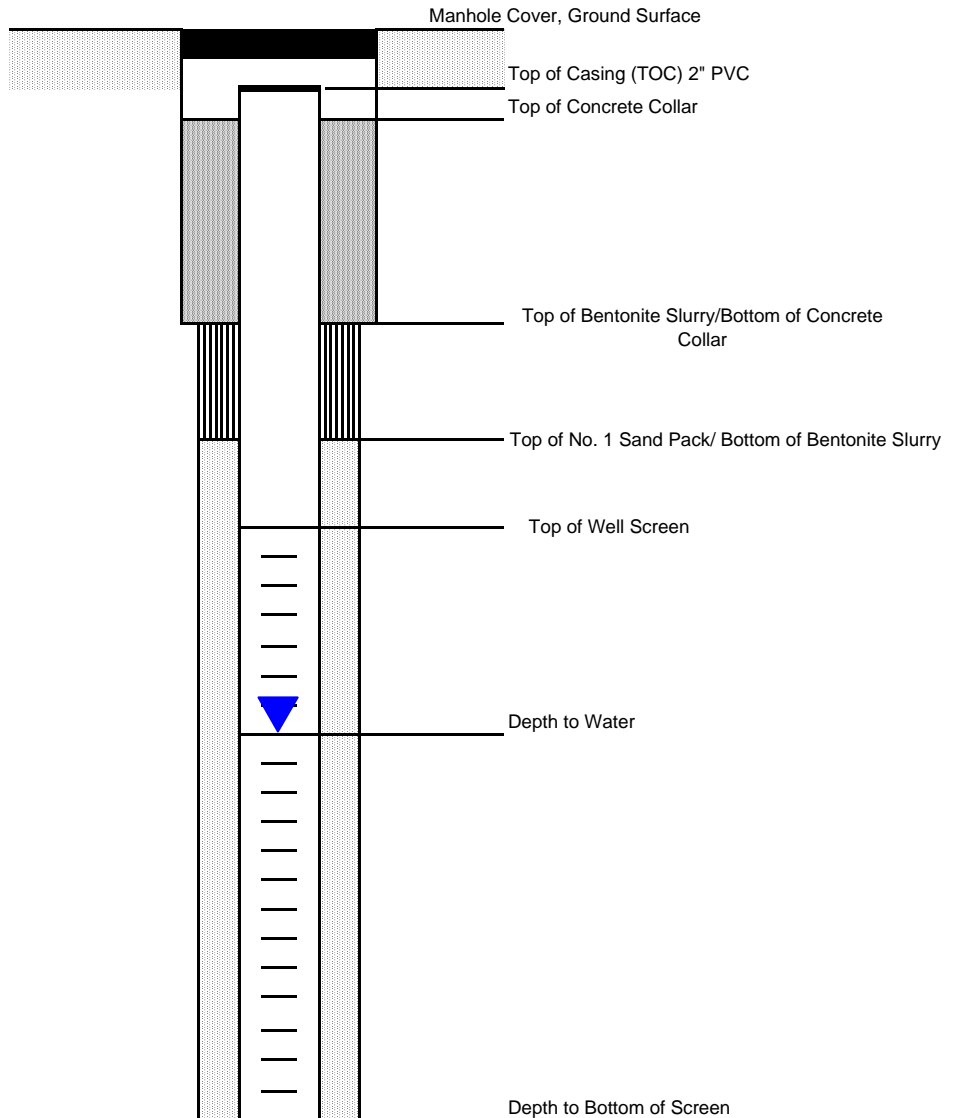
HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 40.35 Feet Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA

Depth from Ground Surface (feet)	Elevation (feet MSL)
0.00	57.90
-0.28	57.62
-31.00	26.90
-33.00	24.90
-35.00	22.90
-40.63	17.27
-50.00	7.90



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **MW-25S**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 10/4/06

DRILLER: ADT

DEVELOPMENT DATE: 11/7/06

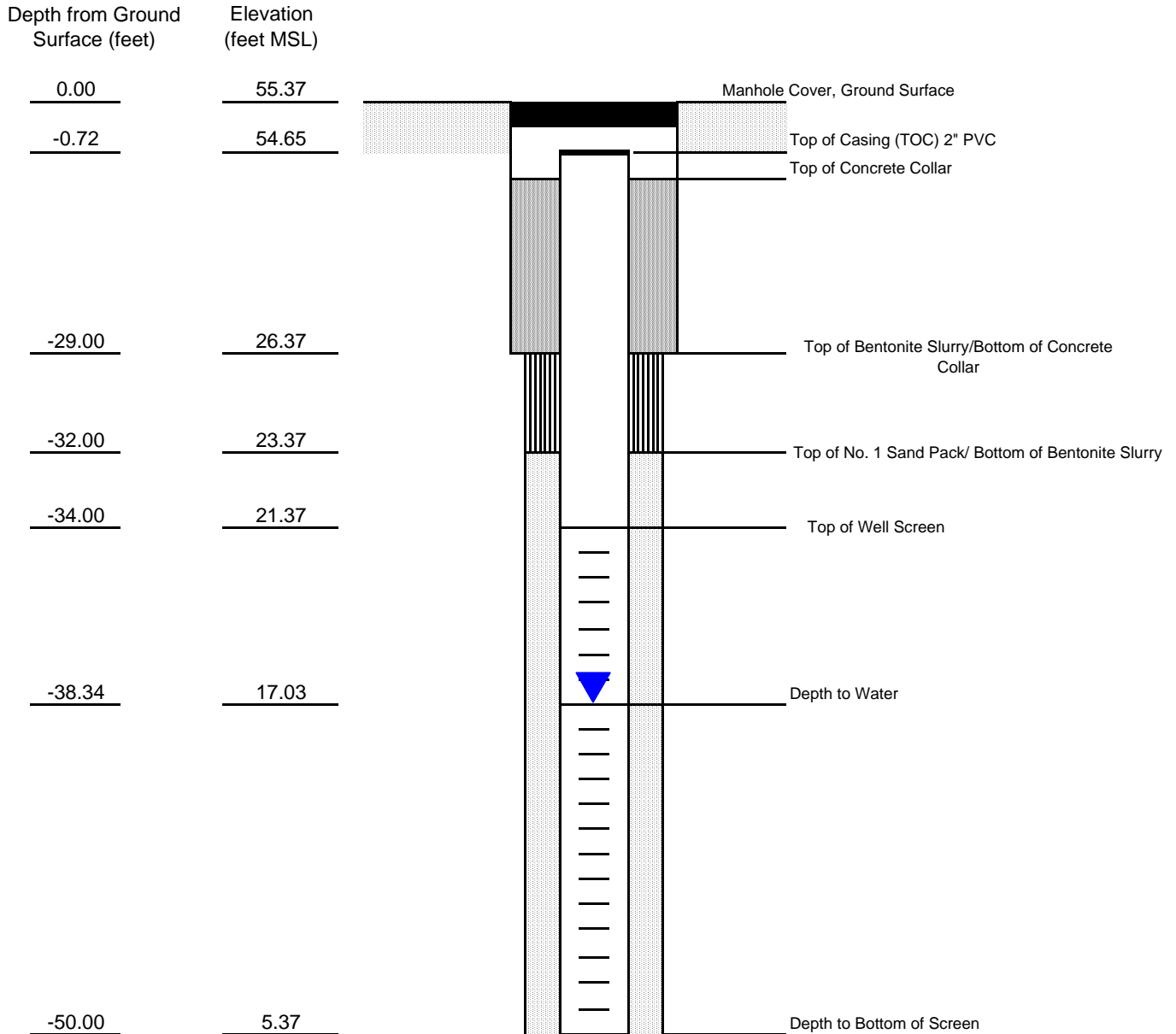
GAUGING DATE: 11/28/06

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 37.62 feet Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **MW-26S**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 10/3/06

DRILLER: ADT

DEVELOPMENT DATE: 11/7/06

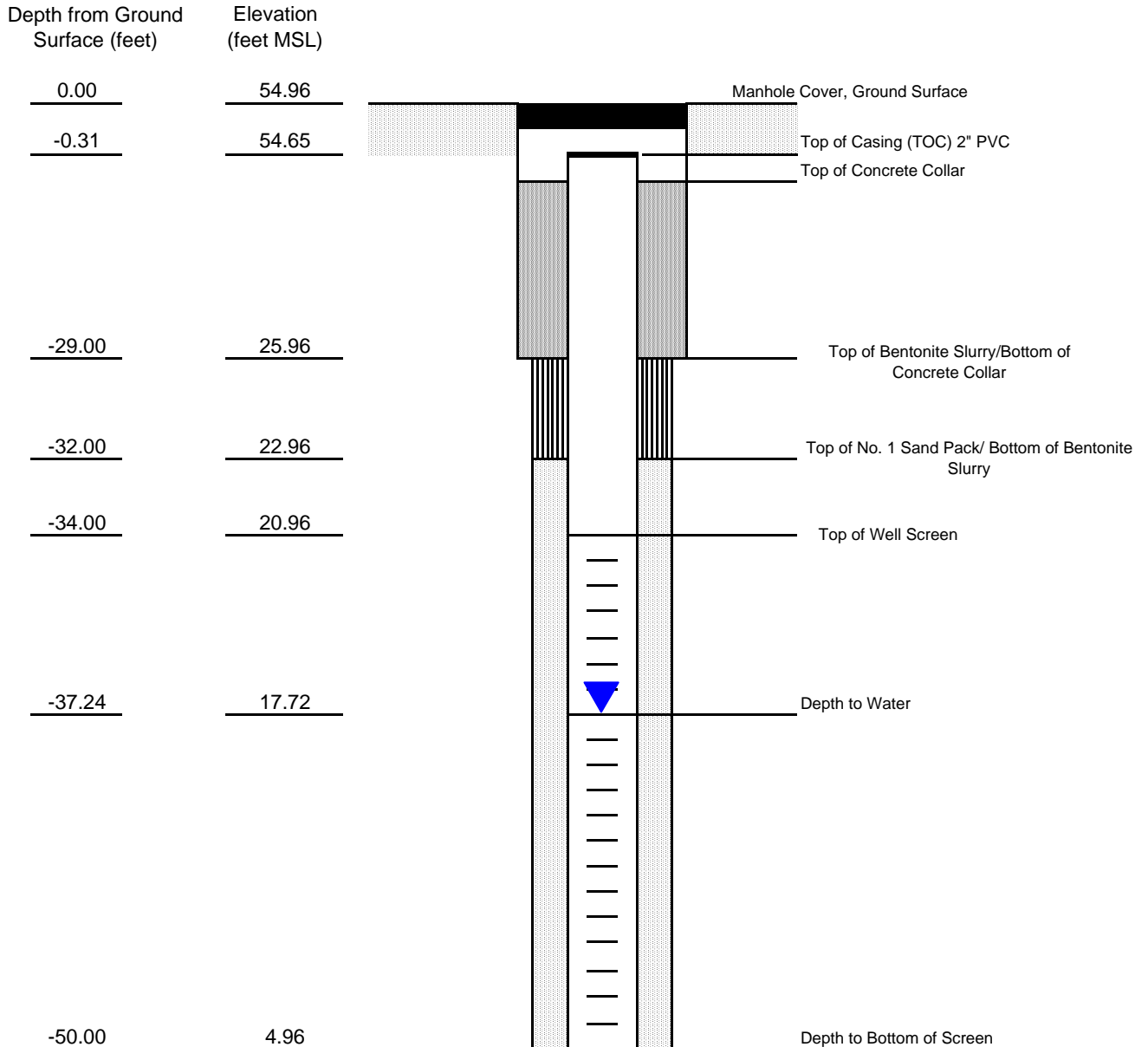
GAUGING DATE: 12/8/06

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 36.93 Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA



**TRC**

NOT TO SCALE



JOB NAME: Remedial Investigation

WELL NUMBER: **MW-28S**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 10/10/06

DRILLER: ADT

DEVELOPMENT DATE: 11/9/06

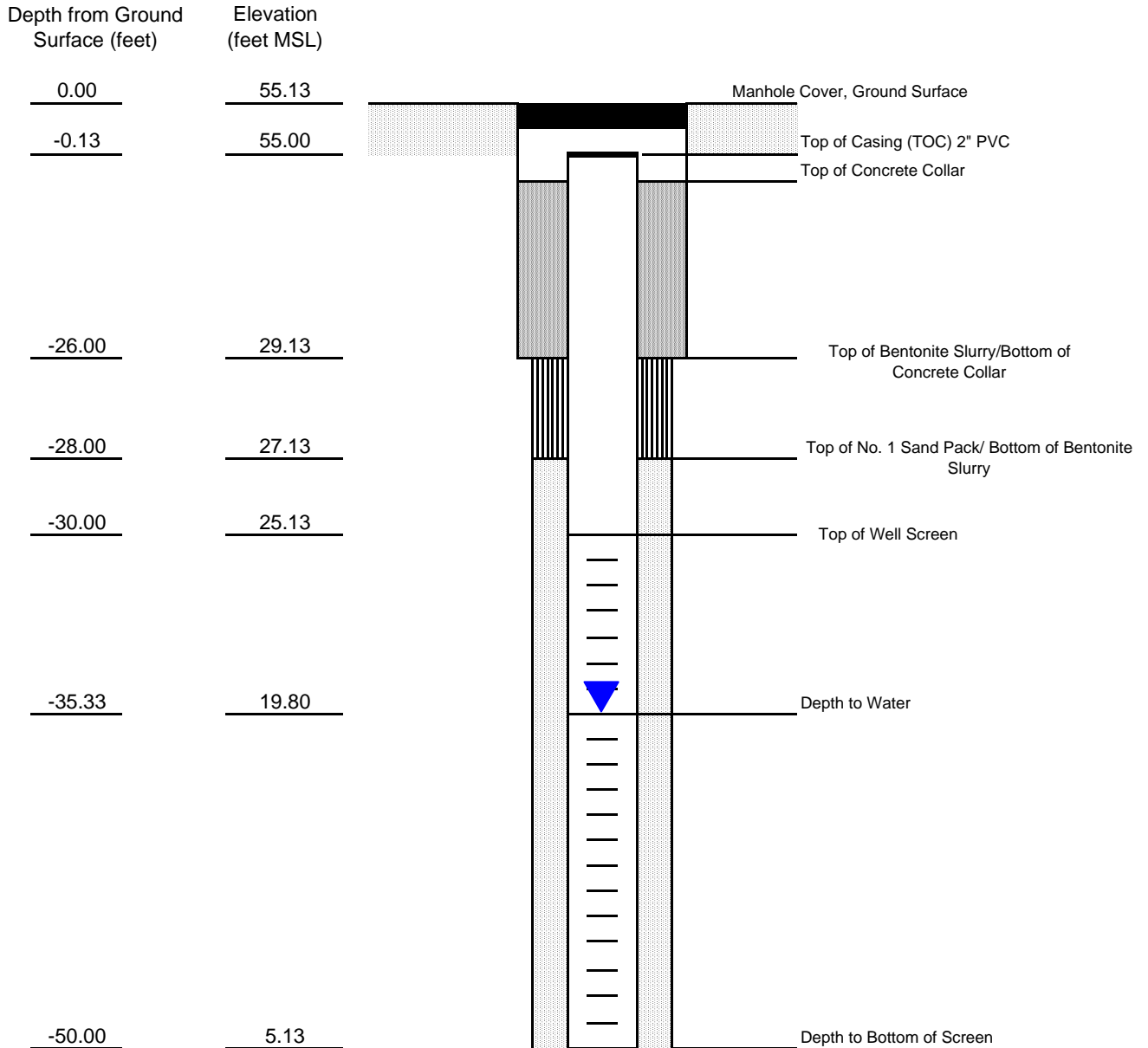
GAUGING DATE: 12/13/06

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 35.20 Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **MW-17-50R**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 9/19/06

DRILLER: ADT

DEVELOPMENT DATE: 11/7/06

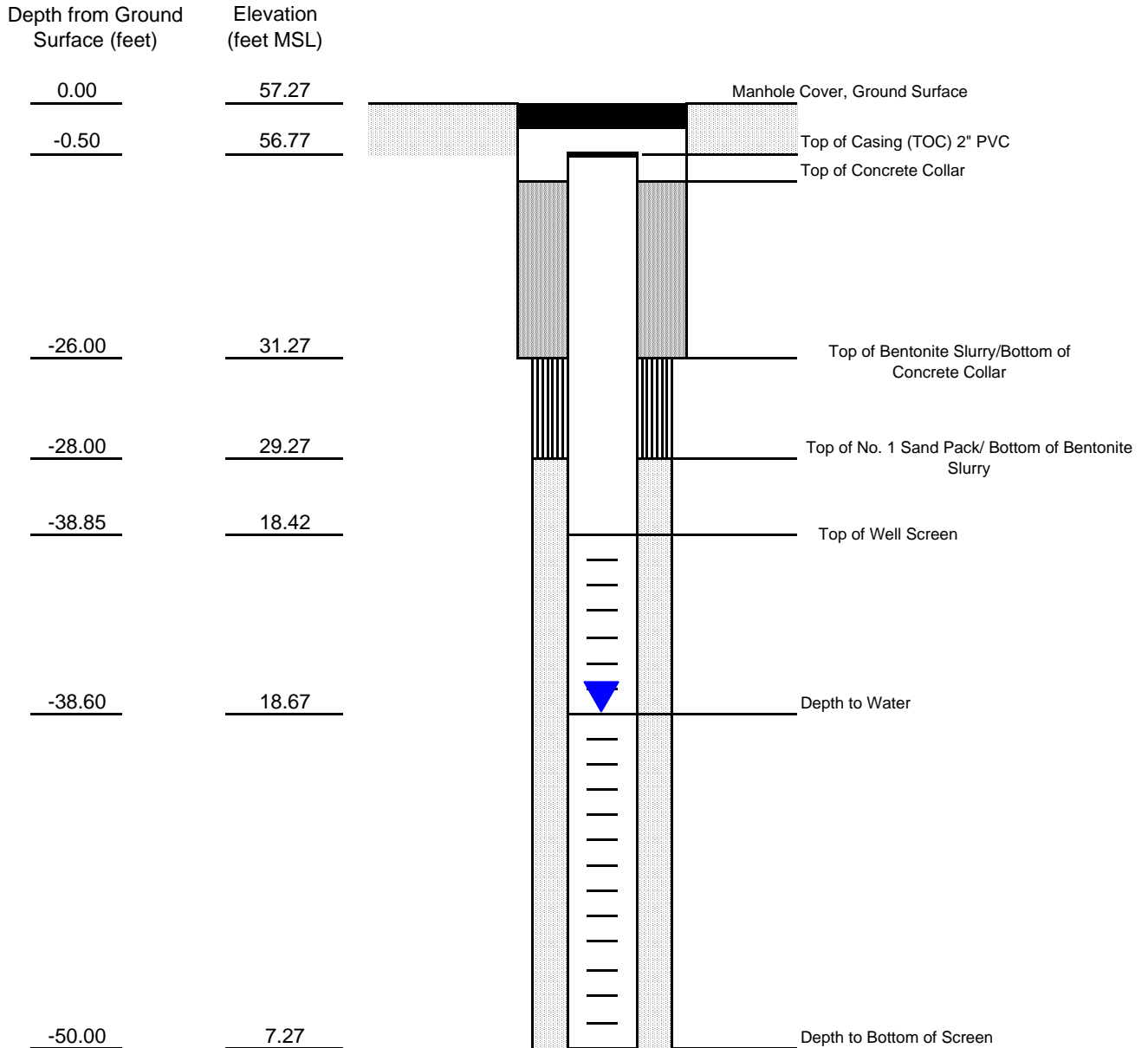
GAUGING DATE: 12/15/06

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 38.35 Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA



**TRC**

NOT TO SCALE

JOB NAME: RI for CFCs

WELL NUMBER: **MW-21D**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 9/28/06

DRILLER: ADT

DEVELOPMENT DATE: 11/9/06

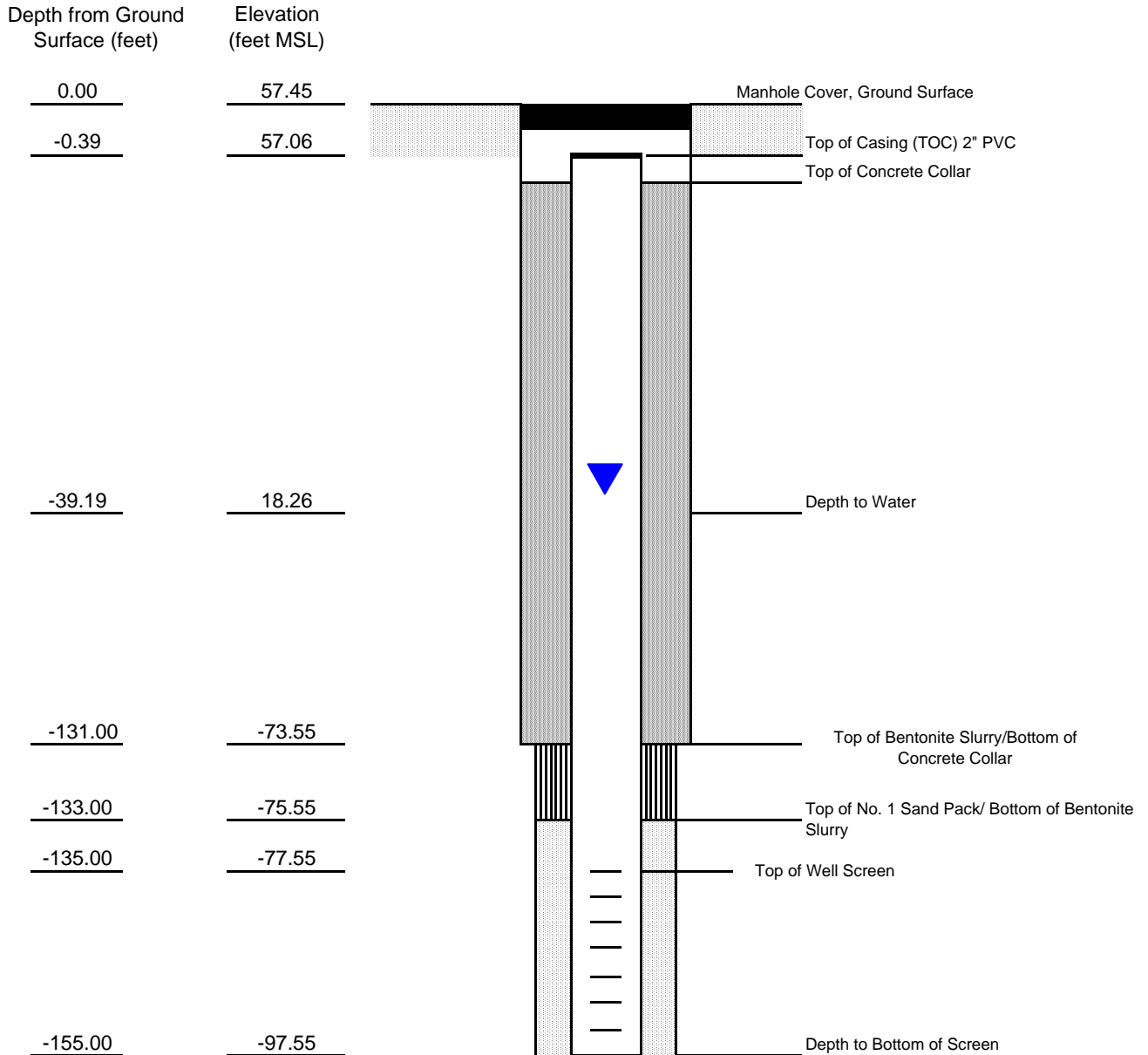
GAUGING DATE: 12/6/06

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 38.80 Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA



**TRC**

JOB NAME: RI for CFCs

WELL NUMBER: **MW-23D**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 10/19/06

DRILLER: ADT

DEVELOPMENT DATE: 11/9/06

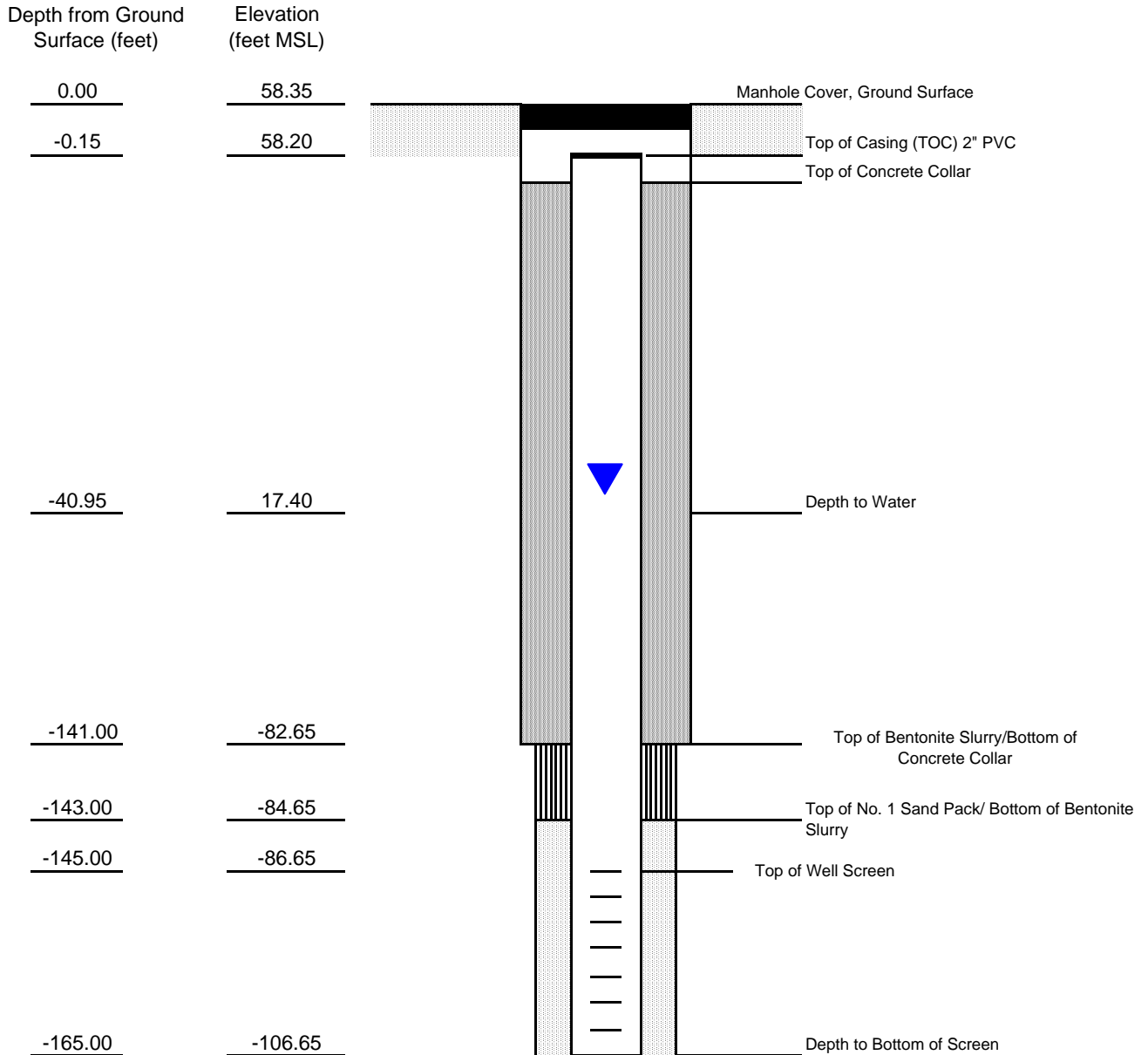
GAUGING DATE: 11/29/06

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 40.80 Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA



**TRC**

NOT TO SCALE

JOB NAME: RI for CFCs

WELL NUMBER: **MW-25D**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 10/12/06

DRILLER: ADT

DEVELOPMENT DATE: 11/8/06

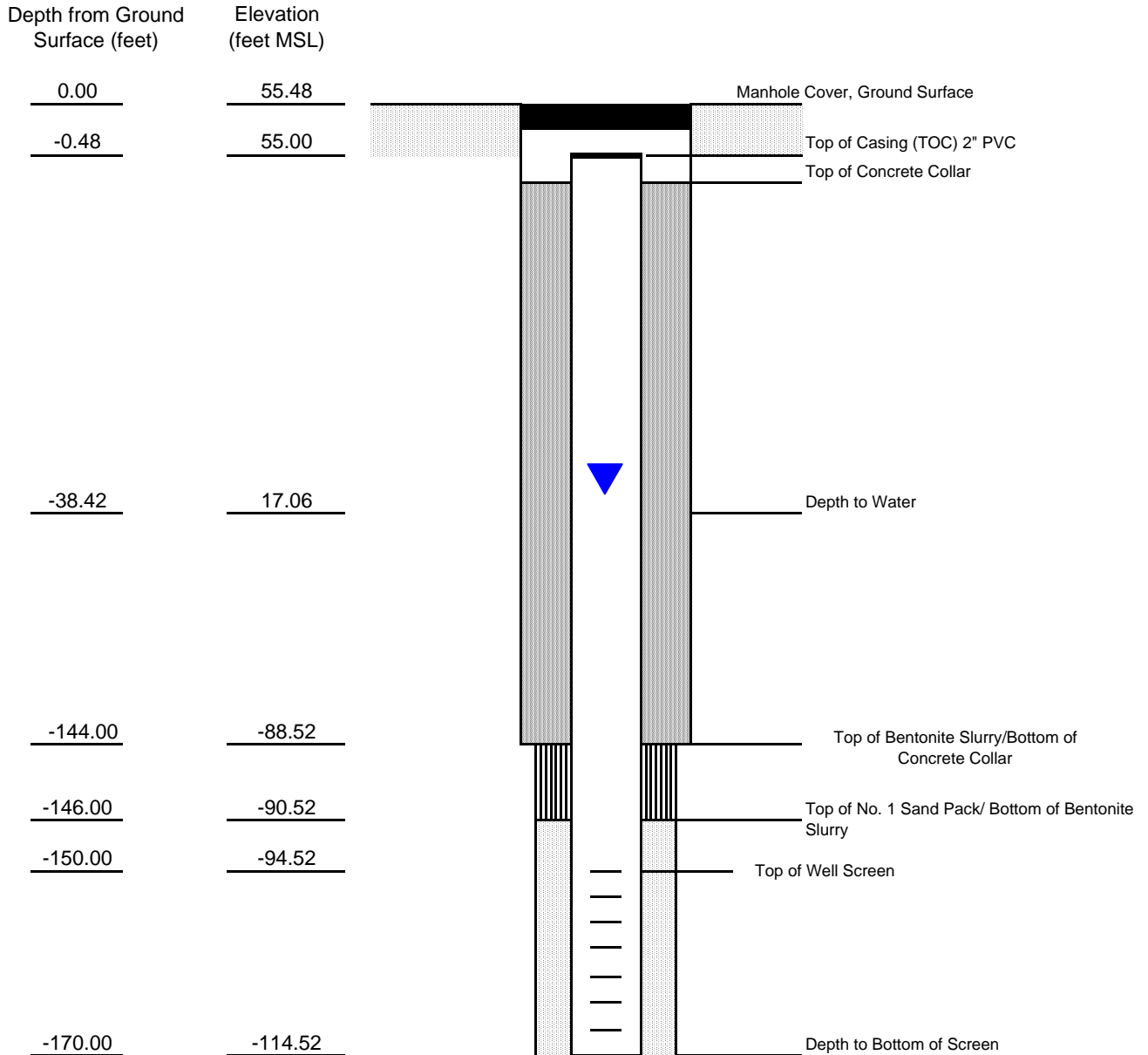
GAUGING DATE: 11/28/06

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 37.94 Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA



**TRC**

JOB NAME: RI for CFCs

WELL NUMBER: **MW-27D**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 10/23/06

DRILLER: ADT

DEVELOPMENT DATE: 11/8/06

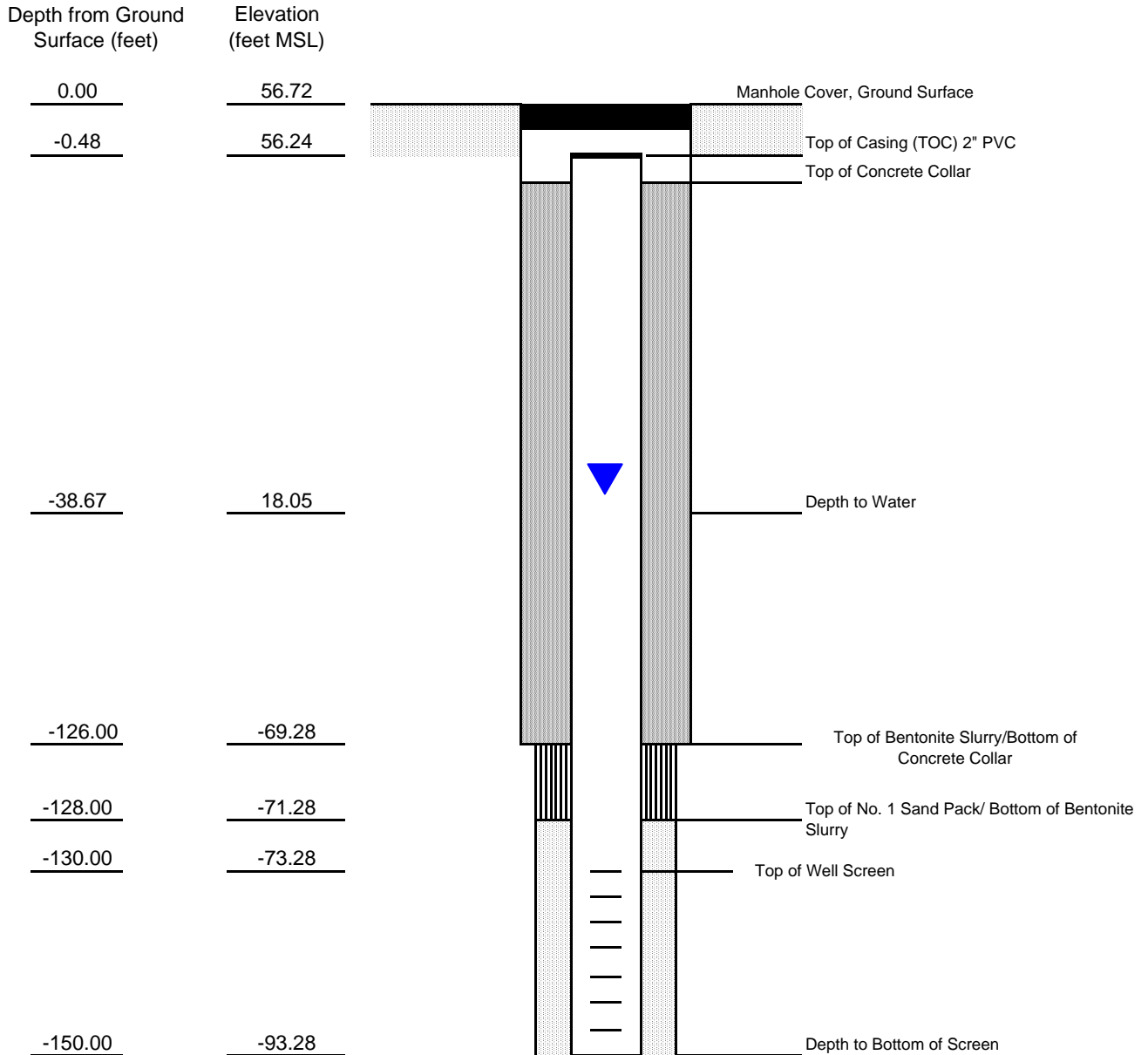
GAUGING DATE: 12/15/06

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 38.19 Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA



**TRC**

WELL NUMBER: **MW-28D**

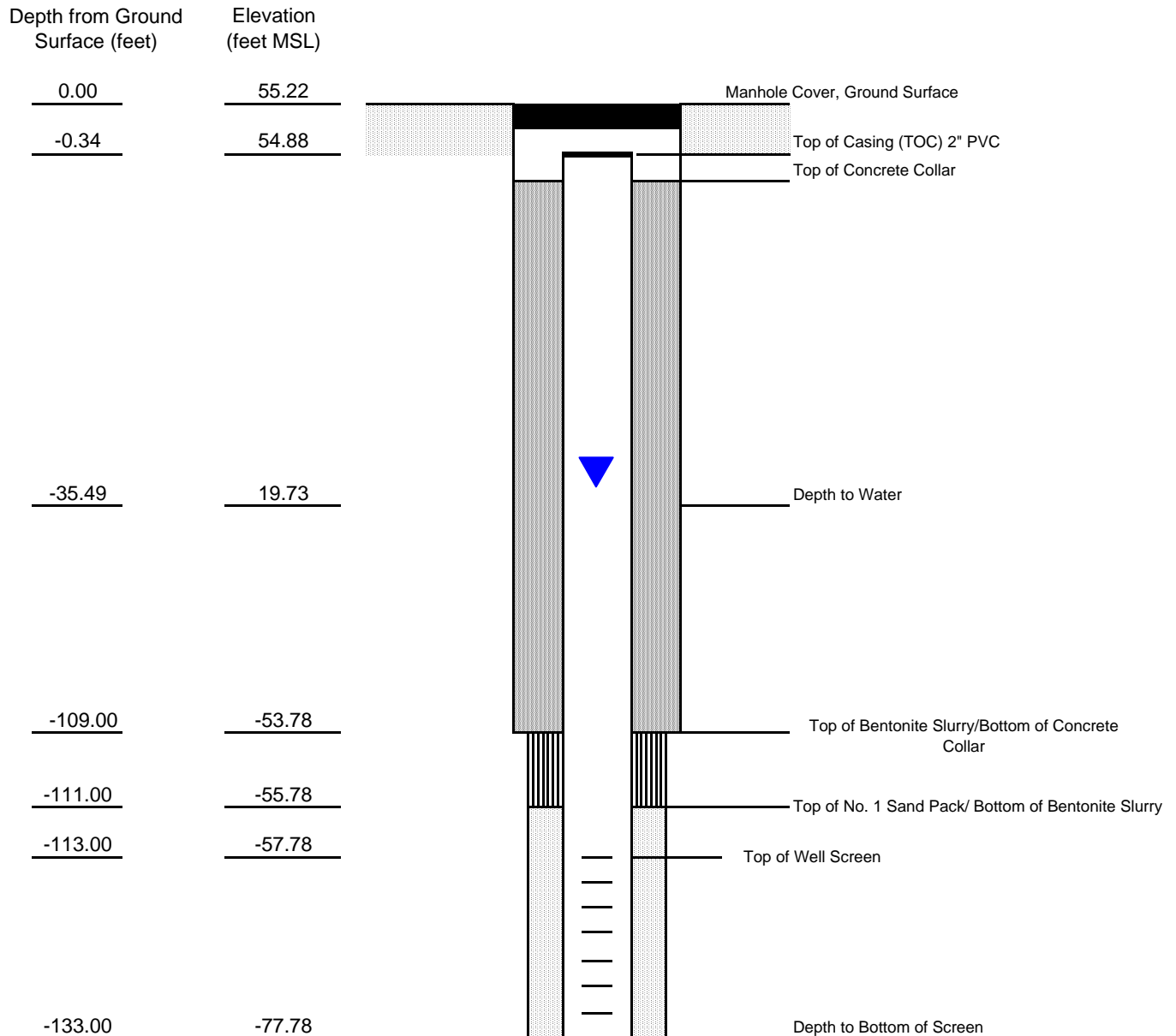
DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

DRILLER: ADT

GAUGING DATE: 12/13/06

DEPTH TO WATER: 35.15 Below TOC

DEPTH TO PRODUCT: NA



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **MW-29D**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: Mud Rotary

INSTALLATION DATE: 9/25/06

DRILLER: ADT

DEVELOPMENT DATE: 11/9/06

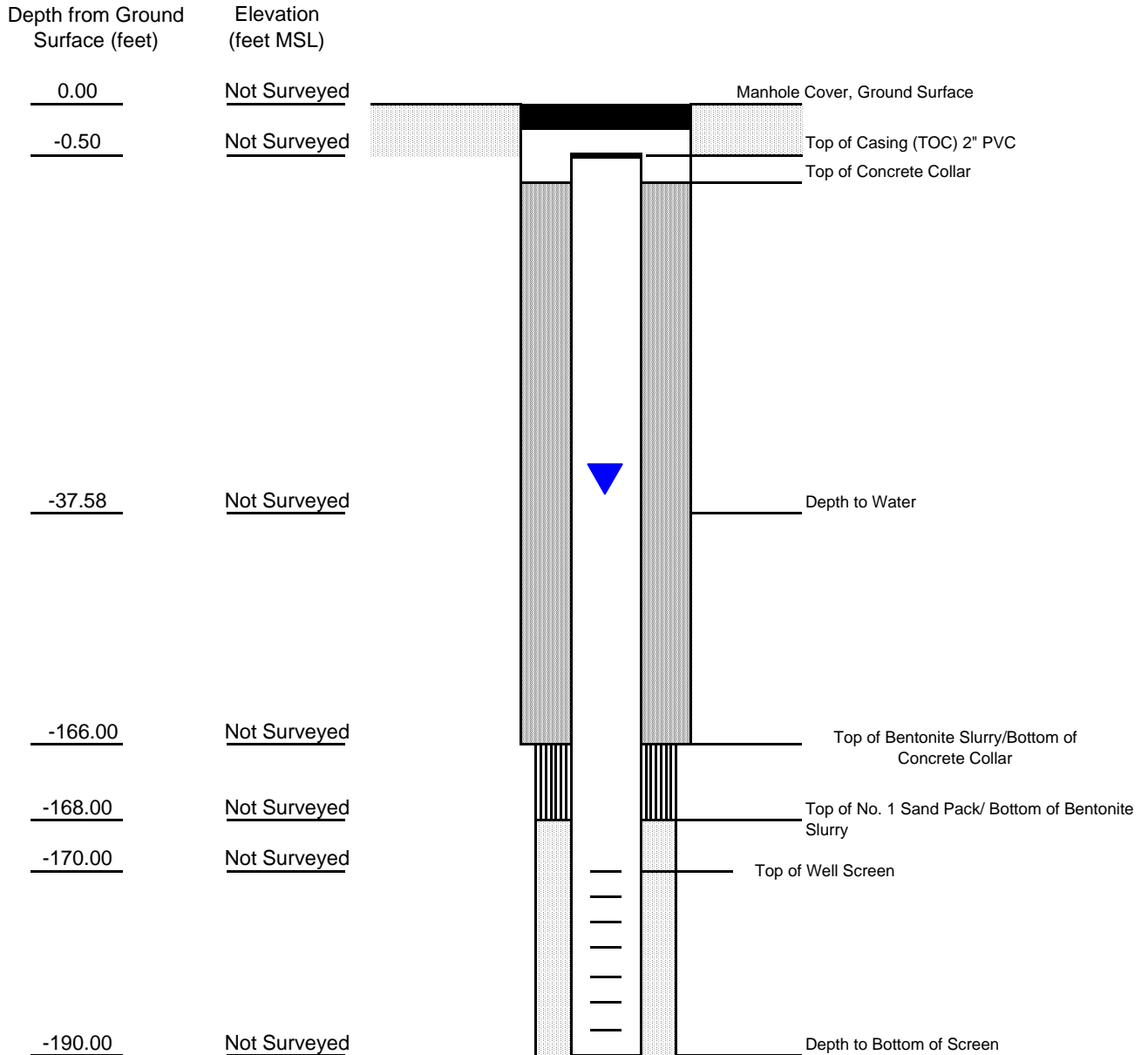
GAUGING DATE: 12/14/06

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: -37.58 feet bgs

ELEVATION DATUM: Not Surveyed

DEPTH TO PRODUCT: NA



**TRC**

NOT TO SCALE



JOB NAME: Remedial Investigation

WELL NUMBER: **MW-30D**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 9/11/06

DRILLER: ADT

DEVELOPMENT DATE: 11/9/06

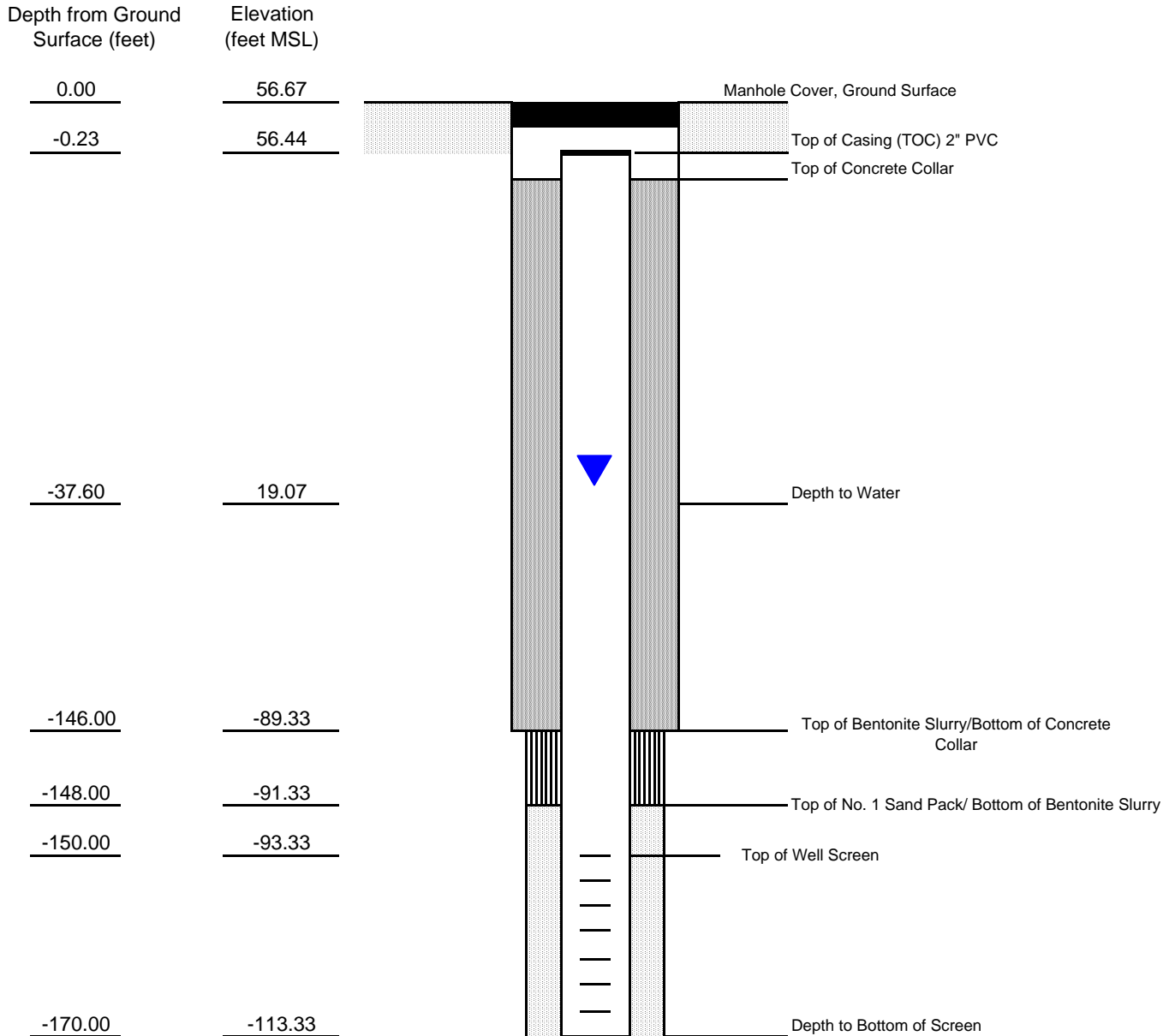
GAUGING DATE: 12/14/06

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 37.37 Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **MW-2-160R**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: Mud Rotary

INSTALLATION DATE: 9/18/06

DRILLER: ADT

DEVELOPMENT DATE: 11/9/06

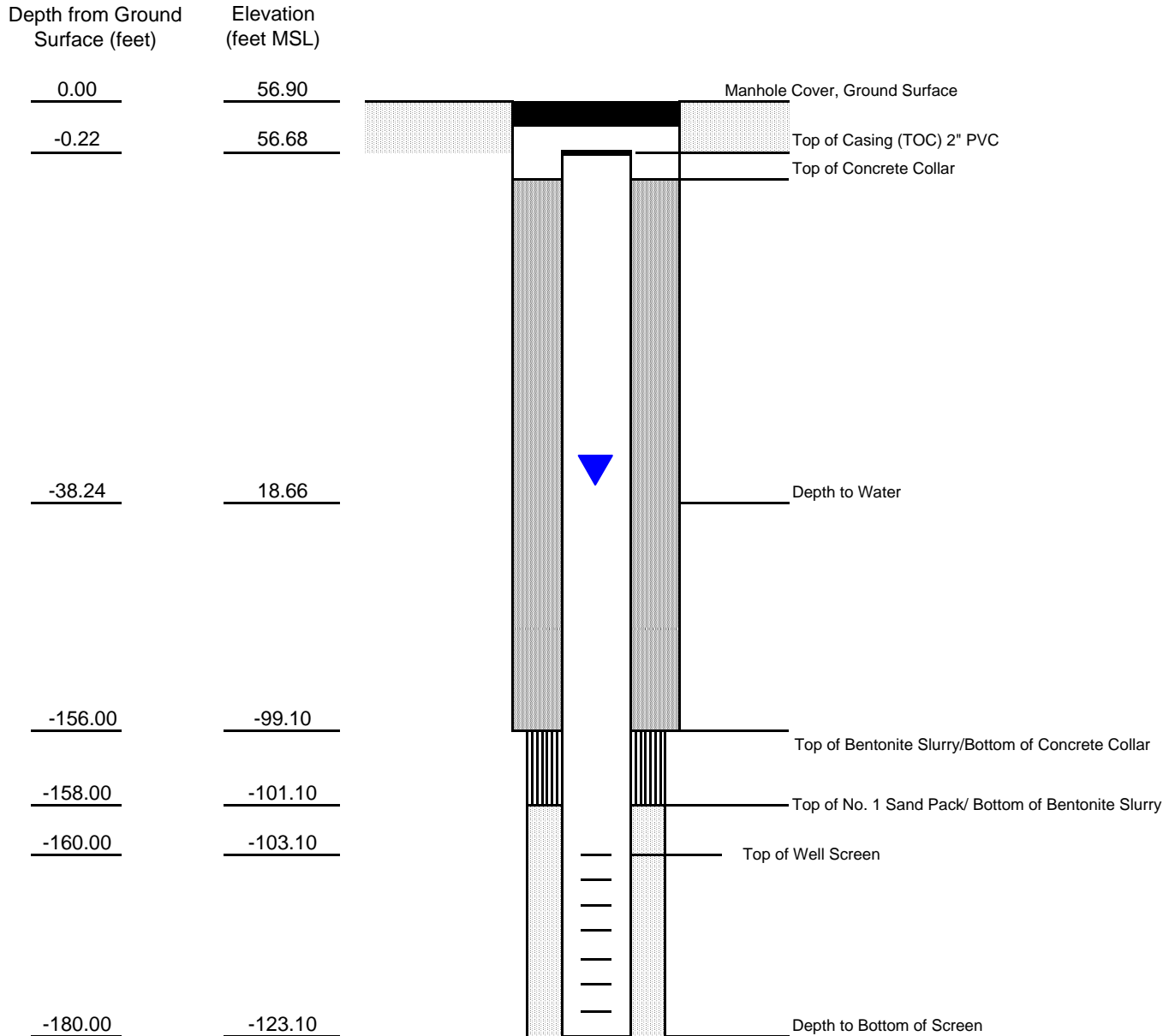
GAUGING DATE: 12/14/06

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 38.02 Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **MW-31D**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 9/23/08

DRILLER: ADT

DEVELOPMENT DATE: 9/30/08

GAUGING DATE: 10/14/2008

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 48.18 feet below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA

Depth from Ground Surface (feet)	Elevation (feet MSL)
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0.00	67.56
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-0.65	66.91
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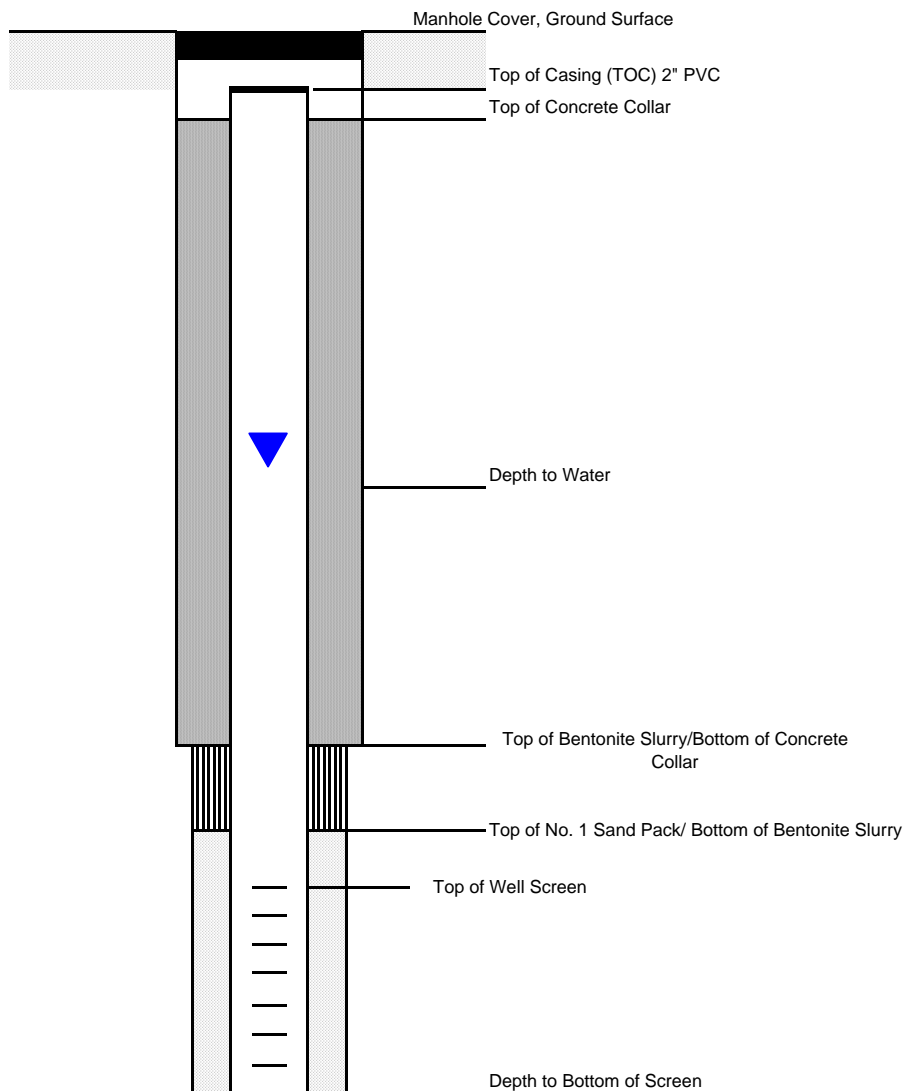
-48.83	18.73
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-111.00	-43.44
---------	--------

-113.00	-45.44
---------	--------

-115.00	-47.44
---------	--------

-135.00	-67.44
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**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **MW-32D**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 9/29/08

DRILLER: ADT

DEVELOPMENT DATE: 9/30/08

GAUGING DATE: 10/14/2008

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 37.91 feet Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA

Depth from Ground  
Surface (feet)

Elevation (feet  
MSL)

0.00

58.05

Manhole Cover, Ground Surface

-0.31

57.74

Top of Casing (TOC) 2" PVC

Top of Concrete Collar

-38.22

19.83

Depth to Water

-106.00

-47.95

Top of Bentonite Slurry/Bottom of Concrete  
Collar

-108.00

-49.95

Top of No. 1 Sand Pack/ Bottom of Bentonite Slurry

-110.00

-51.95

Top of Well Screen

-130.00

-71.95

Depth to Bottom of Screen

**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **MW-33D**

ADDRESS: Morris Park Yard Facility

DRILLING METHOD: 4.25" ID/ 6.25" OD HSA

INSTALLATION DATE: 9/24/ and 9/25/2008

DRILLER: ADT

DEVELOPMENT DATE: 9/30/08

GAUGING DATE: 10/14/2008

HEIGHT OF STICK-UP: Flush Mount

DEPTH TO WATER: 35.52 feet Below TOC

ELEVATION DATUM: Queens Borough

DEPTH TO PRODUCT: NA

Depth from Ground  
Surface (feet)

Elevation (feet  
MSL)

0.00

55.23

Manhole Cover, Ground Surface

-0.24

54.99

Top of Casing (TOC) 2" PVC

Top of Concrete Collar

-35.76

19.47

Depth to Water

-111.00

-55.77

Top of Bentonite Slurry/Bottom of Concrete  
Collar

-113.00

-57.77

Top of No. 1 Sand Pack/ Bottom of Bentonite Slurry

-115.00

-59.77

Top of Well Screen

-135.00

-79.77

Depth to Bottom of Screen

**TRC**

## **Historic Monitoring Well Construction Logs**

**TABLE 1**  
**MORRIS PARK YARD RI: BORINGS AND WELLS**  
**LONG ISLAND RAIL ROAD - MORRIS PARK YARD, RICHMOND HILL, NY**

Well Number	Boring Number	Date Completed	Boring Depth (ft BG)	Depth to Clay (ft BG)	Well Depth (ft BG)	Ground Elevation (feet AQVD)	TOC Elevation (ft AQVD)
MW-1-60	—	2/1/94	62	NA	60	57.67	57.49
MW-1-140	DB-1	4/2/96	142	141.50	140	57.63	57.22
MW-2-60	—	2/3/94	60	NA	60	57.23	56.97
MW-2-180	DB-2	4/26/96	182	182	180	56.86	56.49
MW-2U-60	B-46	2/14/96	62	NA	60	56.80	56.52
MW-2D-60	B-54	2/28/96	62	NA	60	55.97	55.54
MW-3-60	—	2/1/94	62	NA	60	57.51	57.25
MW-3-160	DB-3	4/18/96	162	159	160	57.37	57.16
MW-3U-63	B-50	2/20/96	67	NA	63	55.29	54.86
MW-3D-60	B-53	2/27/96	62	NA	60	53.15	52.26
MW-4-60	—	2/2/94	62	NA	60	56.30	55.40
MW-4-160	DB-4	4/15/96	162	NA	160	55.64	55.37
MW-5-60	—	2/4/94	61	NA	60	57.22	56.46
MW-5-180	DB-5	4/24/96	182	NA	180	56.97	56.59
—	TB-5	11/20/96	197	195.5	NA	56.67	NA
MW-6-60	—	2/8/94	61	NA	60	56.51	56.09
MW-6-168	DB-6	4/22/96	172	170	168	56.71	56.22
MW-7-110	—	12/12/96	110	NA	110	52.92	52.56
—	TB-7	11/22/96	180	179	NA	NA	NA
MW-7-178	—	12/6/96	182	179	178	53.08	52.80
MW-8-60	B-45	2/13/96	60	NA	60	56.38	55.91
MW-8-150	DB-8	4/3/96	150	NA	150	56.38	55.96
MW-9-60	B-44	2/27/96	62	NA	60	58.23	57.59
MW-10-60	B-56	2/26/96	62	NA	60	57.61	57.28
MW-10-159.5	DB-10	4/9/96	162	NA	159.50	57.44	57.16
MW-11-60	B-55	2/26/96	62	NA	60	57.63	57.31
MW-11-140	DB-11	4/10/96	144	140	140	57.57	57.38
MW-12-60	B-51	2/15/96	62	NA	60	55.83	55.11
MW-13-110	—	12/7/96	110	NA	110	53.41	53.02
MW-13-171	TB-13	12/18/96	175	172	171	53.53	53.12
MW-14-60	—	11/15/96	62	NA	60	54.53	54.12
MW-15-60	—	11/14/96	62	NA	60	57.33	57.16
MW-16-60	—	11/14/96	62	NA	60	56.35	56.05
—	TB-17A-62	11/11/96	62	NA	NA	56.60	N/A
—	TB-17B-44	11/13/96	44	NA	NA	NA	N/A
MW-17-60	TB-17C-62	11/18/96	62	NA	NA	56.78	55.8
—	TB-18A-41	11/8/96	41	NA	NA	NA	N/A
—	TB-18B-44	11/8/96	44	NA	NA	56.17	N/A
—	TB-18C-41	11/11/96	41	NA	NA	NA	N/A
MW-18-60	—	11/12/96	62	NA	60	55.15	54.57
MW-19-60	—	11/7/96	62	NA	60	55.16	54.71

**TABLE 1**  
**MORRIS PARK YARD RI: BORINGS AND WELLS**  
**LONG ISLAND RAIL ROAD - MORRIS PARK YARD, RICHMOND HILL, NY**

Well Number	Boring Number	Date Completed	Boring Depth (ft BG)	Depth to Clay (ft BG)	Well Depth (ft BG)	Ground Elevation (feet AQVD)	TOC Elevation (ft AQVD)
P-1-147	—	10/17/96	150	150	147	57.30	56.87
P-2-158	—	10/21/96	160	160	158	57.03	56.57
TW-1-150	—	10/25/96	150	152	150	56.76	56.35
SVE-1-40	B-47	2/20/96	44	NA	40	56.07	55.76
SVE-2-40	B-48	2/16/96	44	NA	40	56.10	55.60
SVE-3-40	B-49	2/22/96	42	NA	40	58.18	57.92
—	B-52	2/15/96	45	NA	NA	NA	NA

**Notes**

BG = below grade

AQVD = above Queens Borough vertical datum (+ 2.725 feet above sea level)

NA = Not available

TOC = top of casing

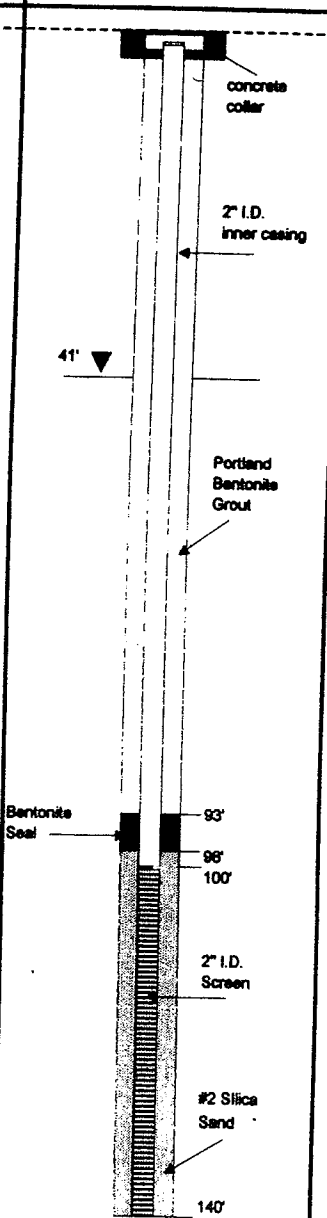


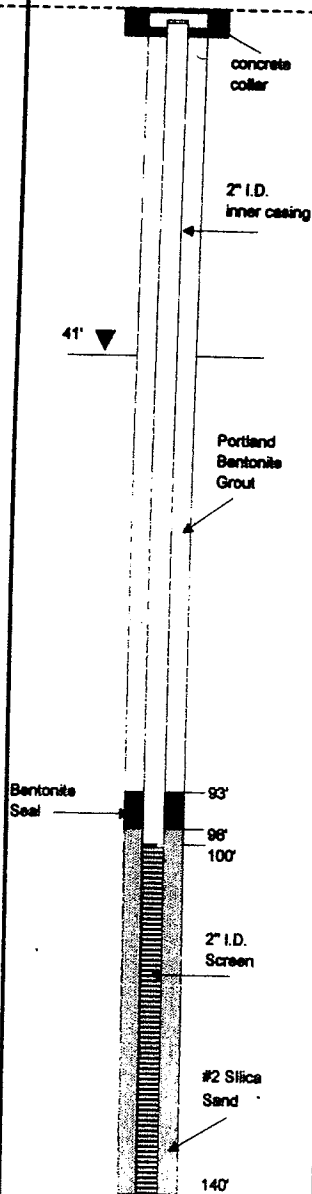
# SOIL BORING LOG/WELL CONSTRUCTION FORM

BORING/WELL NO.

DB-1/MW-1-140

Project Name & Location REMEDIAL INVESTIGATION/MORRIS PARK YARD		Project Number 7624-01		Date Started 4/1/96		Date Completed 4/1/96	
Drilling Company SOIL TESTING INC.		Drilling Equipment Diedrich D-120		Sampler(s) EPM JH/SH		Hammer 135 Hammer, 300#	
Geologist/Engineer STV CV/PK		Sampling Device SPLIT SPOON		Depth to Water 41'		Completion Depth 140 feet	
				Location NE corner of Administration Building			

Depth (Ft. Below Grade)	SAMPLES						SOIL LOG		WELL CONSTRUCTION GRAPHICS
	No.	Recovery (inches)	Blow per 6 in.	Consistency	PID Reading (PPM)	Chemical Parameters	Visual Description Ground Surface	USC Code	
5							Asphalt (0-4")	ML	
10				dry	0.7		Dark grey SILT, some fine to coarse gravel (4"-36")		
15							Brown F-C SAND		
20					0.2		Sm. fine-coarse GRAVEL, sand, tr. silt (36"-8")	SW	
30					0.4		same: some cobbles		
40				wet	0.5		Bm. fine to coarse SAND		
50					0.5		Bm, F-C SAND some F-C gravel	SW	
60	1	18	36-60 106-6	wet v-dense	6.1	8010 8021 + MTBE 8270	Br. F-C SAND, trace M-F gravel	SW	
70	2	24	16-16 14-18	wet v-dense	7.4	8010	Brown fine SAND lit. silt, trace F-M gravel	SW	
80	3	6	21-30 29-30	wet v-dense	7.1	8010	Brown fine SAND, lit. silt		
90	4	6	12-20 20-21	wet dense	4.8	8010	Grey-brown F-M SAND, tr. silt	SW	
100	5	5	22-25 33-36	wet v-dense	4.0	8010	LL brown F-M SAND, tr. silt	SW	
110	6	20	19-16 19-19	wet dense	2.1	8010	LL brown F-M SAND, tr. silt	SW	
120	7	21	20-25 27-24	wet dense	1.4	8010	Brown fine to medium SAND, tr. coarse sand, tr. silt	SW	
130	8	20	24-34 37-35	wet v-dense	1.2	8010	Brown fine to medium SAND, tr. silt	SW	
140	9	24	9- 15 20-16	wet dense	1.7	8010	Grey fine SAND and SILT, tr. clay (140'-141')	SM	
150							Grey CLAY (141-142')	CL	
160							E.O.B. = 142'0"		
170									



## WELL CONSTRUCTION DETAILS:

WELL CASING LENGTH: 100 feet  
WELL CASING DIAMETER: 2 inches  
CASING TYPE: Schedule 40 PVC  
WELL SCREEN LENGTH: 40 feet  
WELL SCREEN DIAMETER: 2 inches

WELL SCREEN TYPE:  
SLOT SIZE:  
DRILLING MUD TYPE:  
GROUT TYPE:  
BENTONITE SEAL:

Schedule 40 PVC  
0.020 inches  
Wyoming Bentonite  
Portland-Bentonite  
5 feet

## SOIL BORING LOG/WELL CONSTRUCTION FORM

BORING/WELL NO.

DB-2/MW-2-180

Project Name & Location		Project Number		Date Started		Date Completed	
REMEDIAL INVESTIGATION/MORRIS PARK YARD		7624-01		4/25/96		4/26/96	
Drilling Company		Drilling Equipment		Sampler(s)		Drop	
SOIL TESTING INC.		Diedrich D-120		EPM JH/SH		135 Hammer, 300#	
Geologist/Engineer		Sampling Device		Depth to Water		Completion Depth	
STV CV/PK		SPLIT SPOON		41'		180 ft	
Location		Next to MW-2U-60					

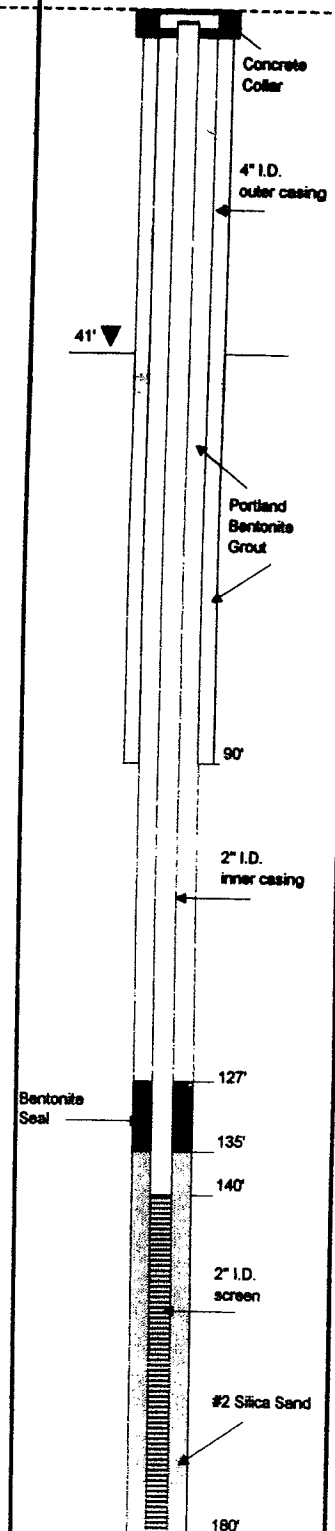
  

Depth (ft. Below Grade)	SAMPLES						SOIL LOG		WELL CONSTRUCTION GRAPHICS
	No.	Recovery (inches)	Blow per 6 in.	Consistency	PID Reading (PPM)	Chemical Parameters	Visual Description	USC Code	
							Asphalt (0-4")		
5									
10					0.6			SW	
15							Stained brown fine to coarse SAND, lit. fine coarse gravel, tr. silt		
20					0.1				
30					0.1		SAME		
40					0.4				
50					0.1				
60	1	18	14-21 18-20	wet dense	0.2	8010 8021 + MTBE 8270	Brown fine to medium SAND, lit. fine gravel, tr. silt	SW	
70	2	14	16-19 25-46	wet dense	0.1	8010	SAME		
80	3	20	18-26 32-34	wet v-dense	0.1	8010	Brown fine to medium SAND, sm silt, tr. coarse sand, tr. fine gravel	SW	
90	4	20	24-34 44-46	wet v-dense	0	8010	Brown fine to medium SAND, sm. silt, tr. coarse sand, traces of fine gravel	SW	
100	5	18	21-23 14-23	wet dense		8010	Brown fine to medium SAND, traces of coarse sand, sm. silt	SW	
110	6	17	29-34 30-33	wet dense		8010	SAME		
120	7	14	30-42 44-47	wet v-dense		8010	Brown/red-brown fine to medium SAND and SILT	SM	
130	8	18	43-56 64-68	wet v-dense		8010	Brown fine to medium SAND, sm. silt, traces of coarse sand, traces of fine gravel		
140	9	16	23-24 29-31	wet v-dense		8010	SAME		
150	10	16	36-39 43-42	wet v-dense		8010	Grey fine SAND and SILT	SM	
160	11	18	41-41 47-48	wet v-dense		8010	SAME		
170							Grey/brown CLAY and SILT	SM	
180	12	24	9- 6 13-15	wet v-stiff		8010	E.O.B. = 182'		

## WELL CONSTRUCTION DETAILS:

WELL CASING LENGTH: 90'(outer); 140' (inner)  
 WELL CASING DIAMETER: 4"(outer); 2"(inner)  
 CASING TYPE: Schedule 40 PVC  
 WELL SCREEN LENGTH: 40 feet  
 WELL SCREEN DIAMETER: 2" I.D.

WELL SCREEN TYPE: Schedule 40 PVC  
 SLOT SIZE: 0.020 inches  
 DRILLING MUD TYPE: Wyoming Bentonite  
 GROUT TYPE: Portland-Bentonite  
 BENTONITE SEAL: 8 feet



# SOIL BORING LOG/WELL CONSTRUCTION FORM

BORING/WELL NO. DB-3MW-3-160

Project Name & Location REMEDIAL INVESTIGATION/MORRIS PARK YARD		Project Number 7624-01		Date Started 4/17/96		Date Completed 4/18/96	
Drilling Company SOIL TESTING INC.		Drilling Equipment Diedrich D-120		Sampler(s) EPM JH/SH		Hammer 135 Hammer, 300#	
Geologist/Engineer STV CV/PK		Sampling Device SPLIT SPOON		Depth to Water 41'		Completion Depth 160'	
						Location Next to MW-3-60	

Depth (ft. Below Grade)	SAMPLES						SOIL LOG		WELL CONSTRUCTION GRAPHICS
	No.	Recovery (inches)	Blow per 6 in.	Consistency	PiD Reading (PPM)	Chemical Parameters	Visual Description	USC Code	
							Ground Surface		
5				dry	53.7		Brown and black stained fine to coarse SAND, sm. fine to coarse gravel, tr. silt, petroleum odor		<p>Concrete collar</p> <p>4" I.D. outer casing</p> <p>Portland Bentonite Grout</p> <p>41'</p> <p>90'</p> <p>2" I.D. inner casing</p> <p>107'</p> <p>117'</p> <p>120'</p> <p>Bentonite Seal</p> <p>#2 Silica Sand</p> <p>2" I.D. screen</p> <p>160'</p>
10				dry	23.8		SAME		
15									
20				dry	341.0		SAME		
30				dry	207.0 222.0 194.0		SAME		
40				dry	194.0		Brown fine to coarse SAND, tr. F-gravel		
50	1	16	30-31 42-63	moist wet v-dense	290.0 103.0	8010	Brown/gray and black stained fine SAND and SILT, tr. fine gravel/cobbles, petroleum product		
60	2	15	56-66 82-74	wet v-dense	262.0	8010 8270 8021 + MTBE	Orange-brown fine to coarse SAND, sm. silt, lit. fine gravel, petroleum odor		
70	3	19	16-24 28-32	wet v-dense	44.0	8010	SAME		
80	4	22	44-45 53-51	wet v-dense	44.0	8010	Brown fine SAND sm. SILT, tr. medium sand, petroleum odor		
90	5	19	28-37 54-52	wet v-dense	125.0	8010	Red/brown fine SAND and SILT, traces of medium sand, traces of fine gravel, slight petroleum odor		
100	6	15	18-19 25-32	wet dense	2.2	8010	Brown fine to medium SAND, sm. silt, traces of coarse sand traces of fine gravel		
110	7	19	28-27 30-32	wet v-dense	1.6	8010	Brown fine to medium SAND and SILT		
120	8	20	38-36 37-41	wet v-dense	1.1	8010	Brown fine SAND and SILT		
130	9	18	26-29 31-37	wet v-dense	0.0	8010	SAME		
140	10	21	33-32 35-44	wet v-dense	1.5	N/A	SAME		
150	11	16	31-38 43-42	wet v-dense	0.0	N/A	Black/brown fine SAND and SILT, grey/brown SAND and SILT, traces of fine gravel		
160	12	24	14-18 18-19	wet dense	0.0	8010	Layer of cobbles (158') Grey silty CLAY Black/grey silty CLAY, lit. fine sand		
170							E.O.B. = 162'		

## WELL CONSTRUCTION DETAILS:

WELL CASING LENGTH: 90'(outer); 120'(inner)  
WELL CASING DIAMETER: 4"(outer); 2"(inner)  
CASING TYPE: Schedule 40 PVC  
WELL SCREEN LENGTH: 40 feet  
WELL SCREEN DIAMETER: 2 inches

WELL SCREEN TYPE: Schedule 40 PVC  
SLOT SIZE: 0.020 inches  
DRILLING MUD TYPE: Wyoming Bentonite  
GROUT TYPE: Portland-Bentonite  
BENTONITE SEAL: 10 feet

# SOIL BORING LOG/WELL CONSTRUCTION FORM

BORING/WELL NO. D8-4MW-4-160

Project Name & Location REMEDIAL INVESTIGATION/MORRIS PARK YARD		Project Number 7824-01		Date Started 4/1/96		Date Completed 4/1/96	
Drilling Company SOIL TESTING INC.		Drilling Equipment Diedrich D-120		Sampler(s) EPM JH/SH		Hammer 135 Hammer, 300#	
Geologist/Engineer STV CVPK		Sampling Device SPLIT SPOON		Depth to Water 41'		Completion Depth 160'	
						Location AOC #4	

Depth (Ft. Below Grade)	SAMPLES						SOIL LOG		WELL CONSTRUCTION GRAPHICS
	No.	Recovery (inches)	Blow per 6 in.	Consis- tency	PID Reading (PPM)	Chemical Parameters	Visual Description Ground Surface	USC Code	
5				dry	2.1		Asphalt (6 inches)		
10				moist	20.2		Stained Blk. F-C SAND, lit F-C gravel, tr. silt, slight petroleum odor		
15				moist	24.3		Bm. F-C SAND lit clay, lit F-M tr. silt, gravel (5'-10'), slight petroleum odor	GW	
20					28.5		Bm. F-C SAND, f-c gravel, sm. cobbles (10-15')		
				moist	37		SAME		
30				moist	17		SAME, but now brown	SW	
				moist	20		Bm. F-C SAND, sm. gravel, slight petroleum odor ( appears cleaner)		
40					12		SAME		
					30.2				
50							Bm. F-C SAND, lit F-gravel	SW	
							Bm F-C SAND, lit cobbles		
							SAME		
60	1	18	16-20 20-30	moist-wet dense wet	4.2	8010	Brown SILT (5')	ML	
							Grey F-SAND & SILT, lit clay (59')		
70							Brown/grey F-C SAND, tr. silt	SW	
							SAME		
80				wet					
90				wet			Brown/grey F-C SAND, tr. silt	SW	
				wet			SAME		
100							SAME		
110	2	22	20-33 27-29	wet wet	3.6	8010	Bm F-M SAND, tr. F-gravel	SW	
							Bm F-M SAND, sm silt, tr. C-sand, F-gravel	SM	
120									
130									
140	3	18	41-46 44-67	wet v-dense	7.3	8010	Bm F-M SAND, sm. silt, tr. C-sand tr. F-gravel	SM	
150									
160	4	24	26-32 41-45	wet v-dense			Bm. F-M SAND, sm silt, tr. C-sand, tr. F-gravel	SM	
170							E.O.B. = 162'		

Concrete Collar
2" I.D. casing
41'
Portland Bentonite Grout
Bentonite Seal
107'
112'
120'
#2 Silica sand
2" I.D. Screen
160'

## WELL CONSTRUCTION DETAILS:

WELL CASING LENGTH: 120 feet  
WELL CASING DIAMETER: 2 inches  
CASING TYPE: Schedule 40 PVC  
WELL SCREEN LENGTH: 40 feet  
WELL SCREEN DIAMETER: 2 inches

## WELL SCREEN TYPE:

SLOT SIZE:

DRILLING MUD TYPE:

GROUT TYPE:

BENTONITE SEAL:

Schedule 40 PVC

0.020 inches

Wyoming Bentonite

Portland-Bentonite

5 feet

# SOIL BORING LOG/WELL CONSTRUCTION FORM

BORING/WELL NO. **DB-6/MW-5-180**

Project Name & Location <b>REMEDIAL INVESTIGATION/MORRIS PARK YARD</b>		Project Number <b>7624-01</b>		Date Started <b>4/1/96</b>		Date Completed <b>4/1/96</b>	
Drilling Company <b>SOIL TESTING INC.</b>		Drilling Equipment <b>Diedrich D-120</b>		Sampler(s) <b>EPM JH/SH</b>		Hammer <b>135 Hammer, 300#</b>	
Geologist/Engineer <b>STV CV/PK</b>		Sampling Device <b>SPLIT SPOON</b>		Depth to Water <b>42 ft.</b>		Completion Depth <b>180 ft.</b>	
				Location <b>North Parking Lot near MW-5-80</b>			

Depth (Ft. Below Grade)	SAMPLES						SOIL LOG		WELL CONSTRUCTION GRAPHICS
	No.	Recovery (inches)	Blow per 6 in.	Consis- tency	PID Reading (PPM)	Chemical Parameters	Visual Description	USC Code	
							Ground Surface		
5							Brown fine to coarse SAND, lit. fine to coarse gravel, tr. silt (0-5')	GW	
10							SAME: lit cobbles, boulders	GW	
20							Bm fine to coarse SAND. lit. F-C gravel, tr. silt	SW	
30									
40									
50									
60	1	15	21-28 28-29	wet v-dense	0	8010 8021 + MTBE 8270	Brown fine to medium SAND, lit silt, coarse sand, tr. fine gravel	SW	
70	2	18	22-24 31-29	wet v-dense	0	8010	SAME		
80	3	14	24-31 30-33	wet v-dense	0	8010	Lt. brown fine SAND, lit silt, tr. medium-sand	SW	
90	4	14	18-34 39-41	wet v-dense	0	8010	Brown SAND, lit medium sand, sm. silt	SW	
100	5	18	24-29 48-52	wet v-dense	0	8010	Brown fine SAND and SILT, tr. of fine gravel	SW	
110	6	8	27-33 43-39	wet v-dense	0	8010	Brown fine SAND and SILT, tr. of fine gravel	SM	
120	7	18	44-42 39-37	wet v-dense	0	8010	Brown fine to medium SAND, sm. silt, tr. of coarse sand	SW	
130	8	20	48-73 101-123	wet v-dense	0	8010	Brown fine to medium SAND and SILT, tr. coarse sand, tr. fine gravel	SM	
140									
150	9	16	50-42 47-46	wet v-dense	0	8010	Red/brown fine SAND and SILT	SM	
160	10	18	26-33 42-58	wet v-dense	0	8010	SAME		
170						N/A	Brown fine SAND and SILT	SM	
180									

## WELL CONSTRUCTION DETAILS:

WELL CASING LENGTH: 140 feet

WELL CASING DIAMETER: 2 inches

CASING TYPE: Schedule 40 PVC

WELL SCREEN LENGTH: 40 feet

WELL SCREEN DIAMETER: 2 inches

WELL SCREEN TYPE: Schedule 40 PVC

SLOT SIZE: 0.020 inches

DRILLING MUD TYPE: Wyoming Bentonite

GROUT TYPE: Portland-Bentonite

BENTONITE SEAL: 10 feet

# SOIL BORING LOG/WELL CONSTRUCTION FORM

BORING/WELL NO.

DB-6MW-6-168

Project Name & Location		Project Number		Date Started		Date Completed	
REMEDIAL INVESTIGATION/MORRIS PARK YARD		7624-01		4/19/96		4/22/96	
Drilling Company		Drilling Equipment		Sampler(s)		Drop	
SOIL TESTING INC.		Diedrich D-120		EPM JH/SH 135 Hammer		30"	
Geologist/Engineer		Sampling Device		Depth to Water		Completion Depth	
STV CV/PK		SPLIT SPOON		41 ft.		168 ft.	
						5' west of end of Track 1 (near over walkway)	

Depth (ft. Below Grade)	SAMPLES						SOIL LOG		WELL CONSTRUCTION GRAPHICS
	No.	Recovery (inches)	Blow per 6 in.	Consistency	PiD Reading (PPM)	Chemical Parameters	Visual Description	USC Code	
							Ground Surface		
5					2.1		Brown and stained black, fine to coarse SAND, lit. fine to coarse gravel, tr. silt, Slight petroleum odor.		
10					2.2		SAME		
15					2.3		Dark brown coarse to fine SAND, little coarse to fine gravel, slight petroleum		
20					3.3		SAME, lit. cobbles		
					1.2		SAME		
30					3.5		SAME, but no petroleum odor		
					2.5		SAME		
40					2.6		SAME		
50									
60	1	16	39-55 57-63	wet v-dense	105		Gray fine to coarse SAND, sm. silt, lit. fine gravel. Strong petroleum odor, petroleum product present.		
70	2	15	22-26 31-42	wet v-dense	59	8010	Brown fine to medium SAND, sm. silt, tr. coarse sand, tr. fine gravel, slight petroleum odor		
80	3	6	43-55 61-48	wet v-dense	86	8010	Brown fine SAND, lit. fine gravel, sm. silt tr. coarse sand		
90	4	6	66-64 52-43	wet v-dense	2.2	8010	Brown fine to coarse SAND and fine GRAVEL		
100	5	16	21-18 19-20	wet dense	0	8010	Black/brown fine SAND sm. silt		
110	6	18	21-18 19-20	wet dense	0	8010	Brown fine SAND and SILT		
120	7	20	45-51 61-87	wet v-dense	0	8010	Brown fine SAND, traces of medium sand, silt, traces of fine gravel		
130	8	12	25-39 40-41	wet	0	8010	Brown fine SAND, traces of medium sand, silt, traces of fine gravel, traces of cobbles		
140	9	11	29-45 57-77	wet	0	8010	Brown fine SAND, traces of medium sand, silt, traces of fine gravel		
150	10	18	42-53 69-72	wet v-dense	0	8010	SAME		
160	11	8	43-60 85-83	wet v-dense	0	8010	Brown fine SAND and SILT, tr. clay		
170	12	24	15-19 22-25	wet v-dense	0	8010	BLACK/gray fine SAND and silty CLAY E.O.B. = 172'		

## WELL CONSTRUCTION DETAILS:

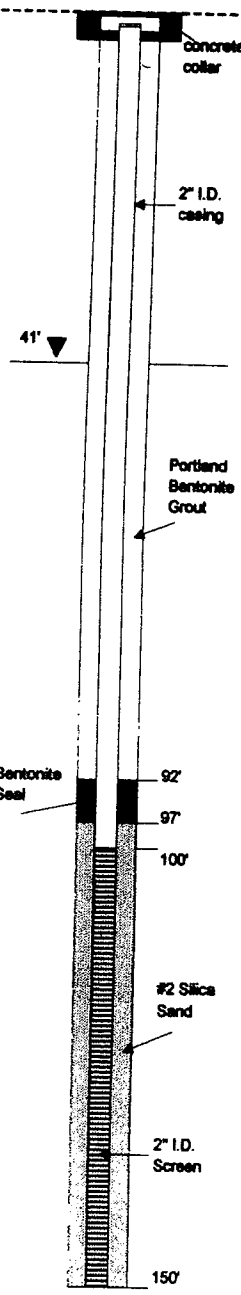
WELL CASING LENGTH: 90'(outer); 130'(inner)  
WELL CASING DIAMETER: 4"(outer); 2"(inner)  
CASING TYPE: Schedule 40 PVC  
WELL SCREEN LENGTH: 40 ft  
WELL SCREEN DIAMETER: 2" I.D.

WELL SCREEN TYPE: Schedule 40 PVC  
SLOT SIZE: 0.020 inches  
DRILLING MUD TYPE: Wyoming Bentonite  
GROUT TYPE: Portland Bentonite  
BENTONITE SEAL: 5 ft.

# SOIL BORING LOG/WELL CONSTRUCTION FORM

BORING/WELL NO. DB-SMW-6-150

Project Name & Location <b>REMEDIAL INVESTIGATION/MORRIS PARK YARD</b>		Project Number <b>7624-01</b>		Date Started <b>4/1/96</b>		Date Completed <b>4/1/96</b>	
Drilling Company <b>SOIL TESTING INC.</b>		Drilling Equipment <b>Diedrich D-120</b>		Sampler(s) <b>EPM JH/SH</b>		Hammer <b>135 Hammer 300#</b>	
Geologist/Engineer <b>STV CV/PK</b>		Sampling Device <b>SPLIT SPOON</b>		Depth to Water <b>41 ft.</b>		Completion Depth <b>150 ft.</b>	
						Location <b>West alleyway</b>	

Depth (ft. Below Grade)	SAMPLES						SOIL LOG		WELL CONSTRUCTION GRAPHICS
	No.	Recovery (inches)	Blow per 6 in.	Consistency	PiD Reading (PPM)	Chemical Parameters	Visual Description	USC Code	
5	1	24	30-33 29-25	wet v-dense	1.6	8010 8021 + MTBE 8270	Asphalt (1")	GW	
10							Concrete (1"-12")		
15							Brown SILT, sm. fine to medium sand sm. fine to coarse gravel (1-5')		
20							Brown fine to medium SAND sm. fine to coarse gravel, lit. cobbles		
30							Brown fine to coarse SAND, sm fine to coarse gravel		
40							SAME		
50									
60									
70							Brown fine to medium SAND, tr. silt		
80									
90									
100									41'
110	2	20	36-81 93-110	wet v-dense	2.2	8010	Brown fine SAND, lit. fine gravel	SW	
120									
130									
140	3	19	31-34 33-31	wet v-dense	2.2	8010	Red/brown medium to coarse SAND, lit. fine gravel, traces of silt	SW	
150							E.O.B. 150'		
160									
170									

## WELL CONSTRUCTION DETAILS:

WELL CASING LENGTH: 150 feet  
WELL CASING DIAMETER: 2 inches  
CASING TYPE: Schedule 40 PVC  
WELL SCREEN LENGTH: 50 feet  
WELL SCREEN DIAMETER: 2 inches

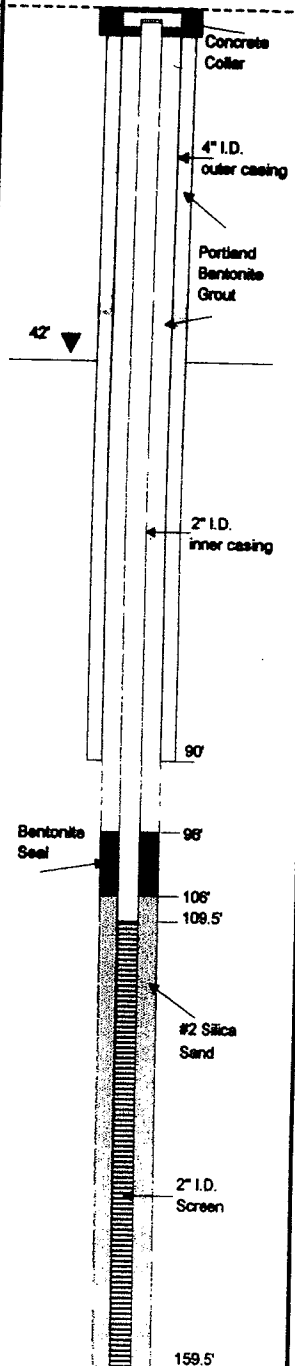
WELL SCREEN TYPE: Schedule 40 PVC  
SLOT SIZE: 0.020 inches  
DRILLING MUD TYPE: Wyoming Bentonite  
GROUT TYPE: Portland-Bentonite  
BENTONITE SEAL: 5 feet

## SOIL BORING LOG/WELL CONSTRUCTION FORM

BORING/WELL NO. DB-10/MW-10-159.5

Project Name & Location REMEDIAL INVESTIGATION/MORRIS PARK YARD		Project Number 7624-01		Date Started 4/8/96		Date Completed 4/9/96	
Drilling Company SOIL TESTING INC.		Drilling Equipment Diedrich D-120		Sampler(s) EPM JH/SH		Hammer 135 Hammer, 300#	
Geologist/Engineer STV CV/PK		Sampling Device SPLIT SPOON		Depth to Water 42'		Completion Depth 159'6"	
						Location NW corner Atlantic and 121st	

Depth (ft. Below Grade)	SAMPLES						SOIL LOG		WELL CONSTRUCTION GRAPHICS
	No.	Recovery (inches)	Blow per 6 in.	Consistency	PID Reading (PPM)	Chemical Parameters	Visual Description	USC Code	
							Ground Surface		
5							6" Concrete/4" Asphalt		
10				dry			Brown fine to coarse SAND, sm. fine to coarse gravel, tr. of silt (10"-10')	SW	
15				dry			SAME: sm. cobbles		
20							SAME		
30							Brown F-C SAND		
40				wet			SAME		
50				wet			SAME		
60	1	13	31-32 26-27	wet v-dense	1.0	8010 8021 +MTBE 8270	Brown fine to medium SAND, sm coarse sand, sm. silt, traces of fine gravel	SW	
70	2	8	31-33 49-56	wet v-dense	8.4	8010	SAME		
80	3	16	26-22 31-41	wet v-dense	5.0	8010	Lt. brown fine to medium SAND, sm. fine gravel, sm. silt, traces of coarse sand	SW	
90	4	14	18-19 33-34	wet v-dense	9.7	8010	Lt. brown fine to medium SAND, sm. silt, traces of coarse sand, traces of fine gravel	SW	
100	5	10	41-52 44-39	wet v-dense	1.0	8010	Lt. brown fine to coarse SAND, sm. silt, traces of fine gravel	SW	
110	6	13	31-41 35-52	wet v-dense	2.4	8010	SAME		
120	7	16	33-61 62-58	wet v-dense	4.4	8010	SAME		
130	8	13	29-64 52-43	wet v-dense	1.7	8010	Lt. brown F-SAND, tr. M-sand + silt	SM	
140	9	8	4- 13 15-16	wet compact	5.3	8010	Lt. brown fine SAND and SILT	SM	
150	10	0	48-47 59-43	wet v-dense	N/A	N/A	NO RECOVERY		
160	11	16	37-42 38-61	wet v-dense	3.0	N/A	Grey fine SAND and SILT	SM	
170							E.O.B. = 162"		



## WELL CONSTRUCTION DETAILS:

WELL CASING LENGTH: 90' (outer); 109.5' (inner)  
 WELL CASING DIAMETER: 4" (outer); 2" (inner)  
 CASING TYPE: Schedule 40 PVC  
 WELL SCREEN LENGTH: 50 ft.  
 WELL SCREEN DIAMETER: 2"

WELL SCREEN TYPE:  
 SLOT SIZE:  
 DRILLING MUD TYPE:  
 GROUT TYPE:  
 BENTONITE SEAL:

Schedule 40 PVC  
 0.020 inches  
 Wyoming Bentonite  
 Portland Bentonite  
 8 feet



# SOIL BORING LOG/WELL CONSTRUCTION FORM

BORING/WELL NO. DB-11/MW-11-140

Project Name & Location REMEDIAL INVESTIGATION/MORRIS PARK YARD		Project Number 7624-01		Date Started 4/10/98		Date Completed 4/10/98	
Drilling Company SOIL TESTING INC.		Drilling Equipment Diedrich D-120		Sampler(s) EPM JH/SH		Hammer 135 Hammer, 300#	
Geologist/Engineer STV CVP/K		Sampling Device SPLIT SPOON		Depth to Water 41'		Completion Depth 140'	
Location Atlantic Ave. Island east side of 121st St.							

Depth (Ft. Below Grade)	SAMPLES						SOIL LOG		WELL CONSTRUCTION GRAPHICS
	No.	Recovery (inches)	Blow per 6 in.	Consistency	PID Reading (PPM)	Chemical Parameters	Visual Description	USC Code	
							Ground Surface		
5				dry			4" Asphalt/6" Concrete	SW	<p>Concrete Collar 4" I.D. outer casing 2" I.D. inner casing Portland Bentonite Grout Bentonite Seal 88' 90' 96' 100' #2 Silica Sand 2" I.D. Screen 140'</p>
10				dry			Brown fine to coarse SAND, sm. fine to coarse gravel, traces of silt (10"-10')		
15									
20				dry			SAME: sm. cobbles		
25							SAME		
30				dry			Brown fine to coarse SAND	SW	
35				dry					
40									
45				wet					
50				wet					
60	1	9	22-28 32-38	wet v-dense	1.5	8010 8021 + MTBE 8270	Brown fine to medium SAND, sm. silt, traces of coarse sand, traces of fine gravel	SW	<p>Concrete Collar 4" I.D. outer casing 2" I.D. inner casing Portland Bentonite Grout Bentonite Seal 88' 90' 96' 100' #2 Silica Sand 2" I.D. Screen 140'</p>
70	2	14	21-23 26-46	wet dense	2.5	8010	Red/brown fine to medium SAND, sm. silt, traces of coarse sand, traces of fine gravel	SW	
80	3	18	23-38 58-39	wet v-dense	1.5	8010	Brown fine to medium SAND, lit. silt, traces of coarse sand	SW	
90	4	16	36-38 33-44	wet v-dense	4.3	8010	Brown fine to medium SAND, sm. silt, traces of coarse sand	SW	
100	5	17	28-32 29-39	wet v-dense	1.4	8010	Brown fine to medium SAND, sm. silt, traces of coarse sand	SW	
110	6	18	31-41 35-52	wet v-dense	2.4	8010	Brown fine to medium SAND and SILT	SM	
120	7	15	46-56 35-49	wet v-dense	1.0	8010	Brown fine to coarse SAND and SILT, lit. fine gravel	SM	
130	8	17	44-48 56-57	wet v-dense	1.4	8010	Brown fine SAND and SILT	SM	
140	9	16	64-62 36-44	wet v-dense	8.0	8010	Brown fine SAND and grey/black fine SILTY CLAY	CL	
150	10	18	51-48 41-66	wet v-dense	0.0	8010	SAME		
160							E.O.B. = 144'		
170									

## WELL CONSTRUCTION DETAILS:

WELL CASING LENGTH: 90' (outer); 100' (inner)  
WELL CASING DIAMETER: 4" (outer); 2" (inner)  
CASING TYPE: Schedule 40 PVC  
WELL SCREEN LENGTH: 40 feet  
WELL SCREEN DIAMETER: 2"

WELL SCREEN TYPE:  
SLOT SIZE:  
DRILLING MUD TYPE:  
GROUT TYPE:  
BENTONITE SEAL:

Schedule 40 PVC  
.020 inches  
Wyoming Bentonite  
Portland Bentonite  
8 feet

# SOIL BORING LOG/WELL CONSTRUCTION FORM

WELL NO. P-2

**STV Inc.**

Project Name & Location <b>MORRIS PARK, JR. 5</b>		Project Number <b>7624-01</b>		Date Drilling Started <b>10/18/96</b>		Date Drilling Completed <b>10/21/96</b>	
Drilling Company <b>UNI-TECH DRILLING CO. INC.</b>				Sampler(s) <b>E. BEACON</b>			
Drilling Equipment <b>CME - 86</b>				Elevation & Datum		Completion Depth	
Geologist/Engineer <b>ELLEN BEACON</b>				Sampling Device <b>SPLIT-SPOON</b>		Depth to Water	

Depth (ft. Below Grade)	Sample Interval (ft)	Recovery (ft)	SAMPLES			SOIL LOG			WELL CONSTRUCTION GRAPHICS
			Blow per 6 in.	PID Reading (PPM)	Chemical Parameters	Visual Description	USC Code	Soil Graphic	
0						Ground Surface			12" steel cover
30						asphalt 6-8" cobbles, gravel brown coarse sand fill to 12 ft.			
60						light brown, coarse SAND, trace to little very coarse sand, trace fine sand			
90									
120									
150	150-152	2	17,21,18,9			brown, coarse SAND, wet			105 115 118
180	180-182	0.4	10,11,14,17			0.4 brown and gray CLAY, dense, trace fine sand.			158

**WELL CONSTRUCTION DETAILS:**

WELL CASING LENGTH:	<u>118 ft.</u>	SLOT SIZE:	<u>020</u>
WELL CASING DIAMETER:	<u>2-inch</u>	DRILLING MUD TYPE:	<u>NA</u>
CASING TYPE:	<u>PVC</u>	GROUT TYPE:	<u>Cement-Bentonite</u>
WELL SCREEN LENGTH:	<u>40 ft.</u>	BENTONITE SEAL:	<u>Yes</u>
WELL SCREEN DIAMETER:	<u>2-inch</u>	FILTER PACK TYPE:	<u>#2 Moris Sand</u>

# SOIL BORING LOG/WELL CONSTRUCTION FORM

BORING/WELL NO. DB-3/MW-3-160

Project Name & Location REMEDIAL INVESTIGATION/MORRIS PARK YARD		Project Number 7624-01		Date Started 4/17/96		Date Completed 4/18/96	
Drilling Company SOIL TESTING INC.		Drilling Equipment Diedrich D-120		Sampler(s) EPM JH/SH		Hammer 135 Hammer, 300#	
Geologist/Engineer STV CV/PK		Sampling Device SPLIT SPOON		Depth to Water 41'		Completion Depth 160'	
						Drop 30'	
						Location Next to MW-3-80	

Depth (ft. Below Grade)	SAMPLES						SOIL LOG		WELL CONSTRUCTION GRAPHICS
	No.	Recovery (inches)	Blow per 6 in.	Consistency	PID Reading (PPM)	Chemical Parameters	Visual Description		
							USC Code		
							Ground Surface		
5				dry	53.7		Brown and black stained fine to coarse SAND, sm. fine to coarse gravel, tr. silt, petroleum odor		<p>Concrete collar</p> <p>4" I.D. outer casing</p> <p>Portland Bentonite Grout</p> <p>41'</p> <p>90'</p> <p>2" I.D. inner casing</p> <p>107'</p> <p>117'</p> <p>120'</p> <p>#2 Silica Sand</p> <p>2" I.D. screen</p> <p>160'</p>
10				dry	23.8		SAME		
15							SAME		
20				dry	341.0		SAME		
30				dry	207.0 222.0 194.0		SAME		
40				dry	194.0		Brown fine to coarse SAND, tr. F-gravel		
50	1	16	30-31 42-63	moist wet v-dense	290.0 103.0	8010	Brown/gray and black stained fine SAND and SILT, tr. fine gravel/cobbles, petroleum product		
60	2	15	58-66 82-74	wet v-dense	262.0	8010 8270 8021 + MTBE	Orange-brown fine to coarse SAND, sm. silt, lit. fine gravel, petroleum odor		
70	3	19	16-24 28-32	wet v-dense	44.0	8010	SAME		
80	4	22	44-45 53-51	wet v-dense	44.0	8010	Brown fine SAND sm. SILT, tr. medium sand, petroleum odor		
90	5	19	28-37 54-52	wet v-dense	125.0	8010	Red/brown fine SAND and SILT, traces of medium sand, traces of fine gravel, slight petroleum odor		
100	6	15	18-19 25-32	wet dense	2.2	8010	Brown fine to medium SAND, sm. silt, traces of coarse sand traces of fine gravel		
110	7	19	29-27 30-32	wet v-dense	1.6	8010	Brown fine to medium SAND and SILT		
120	8	20	38-36 37-41	wet v-dense	1.1	8010	Brown fine SAND and SILT		
130	9	18	28-29 31-37	wet v-dense	0.0	8010	SAME		
140	10	21	33-32 35-44	wet v-dense	1.5	N/A	SAME		
150	11	16	31-38 43-42	wet v-dense	0.0	N/A	Black/brown fine SAND and SILT, gray/brown SAND and SILT, traces of fine gravel		
160	12	24	14-18 18-19	wet dense	0.0	8010	Layer of cobbles (158') Gray silty CLAY Black/gray silty CLAY, lit. fine sand		
170							E.O.B. = 162'		

## WELL CONSTRUCTION DETAILS:

WELL CASING LENGTH: 90"(outer); 120"(inner)

WELL CASING DIAMETER: 4"(outer); 2"(inner)

CASING TYPE: Schedule 40 PVC

WELL SCREEN LENGTH: 40 feet

WELL SCREEN DIAMETER: 2 inches

WELL SCREEN TYPE:

SLOT SIZE:

DRILLING MUD TYPE:

GROUT TYPE:

BENTONITE SEAL:

Schedule 40 PVC

0.020 inches

Wyoming Bentonite

Portland-Bentonite

10 feet

# SOIL BORING LOG/WELL CONSTRUCTION FORM

BORING/WELL NO. DB-2MMV-6-168

Project Name & Location <b>REMEDIAL INVESTIGATION/MORRIS PARK YARD</b>		Project Number <b>7624-01</b>		Date Started <b>4/19/96</b>		Date Completed <b>4/22/96</b>	
Drilling Company <b>SOIL TESTING INC.</b>		Drilling Equipment <b>Diedrich D-120</b>		Sampler(s) <b>EPM JH/SH</b>		Hammer <b>135 Hammer</b>	
Geologist/Engineer <b>STV CV/PK</b>		Sampling Device <b>SPLIT SPOON</b>		Depth to Water <b>41 ft.</b>		Completion Depth <b>168 ft</b>	
						Location <b>5' west of end of Track 1 (near over walkway)</b>	

Depth (ft. Below Grade)	SAMPLES						SOIL LOG		WELL CONSTRUCTION GRAPHICS
	No.	Recovery (inches)	Blow per 6 in.	Consistency	PID Reading (PPM)	Chemical Parameters	Visual Description	USC Code	
							<i>Ground Surface</i>		
5					2.1		Brown and stained black, fine to coarse SAND, lit. fine to coarse gravel, tr. silt, Slight petroleum odor.		<p>concrete collar</p> <p>4" I.D. outer casing</p> <p>41'</p> <p>Portland Bentonite Grout</p> <p>90'</p> <p>2" I.D. inner casing</p> <p>119'</p> <p>124'</p> <p>128'</p> <p>#2 Silica Sand</p> <p>Screen</p> <p>168'</p>
10					2.2		SAME		
15					2.3		Dark brown coarse to fine SAND, little coarse to fine gravel, slight petroleum		
20					3.3		SAME, lit. cobbles		
					1.2		SAME		
30					3.5		SAME, but no petroleum odor		
					2.5		SAME		
40					2.6		SAME		
50									
60	1	16	39-55 57-63	wet v-dense	105		Grey fine to coarse SAND, sm. silt, lit. fine gravel. Strong petroleum odor, petroleum product present.		
70	2	15	22-26 31-42	wet v-dense	59	8010	Brown fine to medium SAND, sm. silt, tr. coarse sand, tr. fine gravel, slight petroleum odor		
80	3	6	43-55 61-48	wet v-dense	86	8010	Brown fine SAND, lit. fine gravel, sm. silt tr. coarse sand		
90	4	6	66-64 52-43	wet v-dense	2.2	8010	Brown fine to coarse SAND and fine GRAVEL		<p>concrete collar</p> <p>4" I.D. outer casing</p> <p>41'</p> <p>Portland Bentonite Grout</p> <p>90'</p> <p>2" I.D. inner casing</p> <p>119'</p> <p>124'</p> <p>128'</p> <p>#2 Silica Sand</p> <p>Screen</p> <p>168'</p>
100	5	16	21-18 19-20	wet dense	0	8010	Black/brown fine SAND sm. silt		
110	6	18	21-18 19-20	wet dense	0	8010	Brown fine SAND and SILT		
120	7	20	45-51 61-87	wet v-dense	0	8010	Brown fine SAND, traces of medium sand, silt, traces of fine gravel		
130	8	12	25-39 40-41	wet	0	8010	Brown fine SAND, traces of medium sand, silt, traces of fine gravel, traces of cobbles		
140	9	11	29-45 57-77	wet	0	8010	Brown fine SAND, traces of medium sand, silt, traces of fine gravel		
150	10	18	42-53 69-72	wet v-dense	0	8010	SAME		
160	11	8	43-60 85-83	wet v-dense	0	8010	Brown fine SAND and SILT, tr. clay		
170	12	24	15-19 22-25	wet v-dense	0	8010	BLACK/grey fine SAND and silty CLAY E.O.B. = 172'		

## WELL CONSTRUCTION DETAILS:

WELL CASING LENGTH: 90'(outer); 130'(inner)

WELL CASING DIAMETER: 4"(outer); 2"(inner)

CASING TYPE: Schedule 40 PVC

WELL SCREEN LENGTH: 40 ft.

WELL SCREEN DIAMETER: 2" I.D.

WELL SCREEN TYPE: \_\_\_\_\_

SLOT SIZE: \_\_\_\_\_

DRILLING MUD TYPE: \_\_\_\_\_

GROUT TYPE: \_\_\_\_\_

BENTONITE SEAL: \_\_\_\_\_

Schedule 40 PVC

0.020 inches

Wyoming Bentonite

Portland Bentonite

5 ft.

## **Soil Vapor Probe Logs**

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-1**

ADDRESS: Morris Park Yard Facility

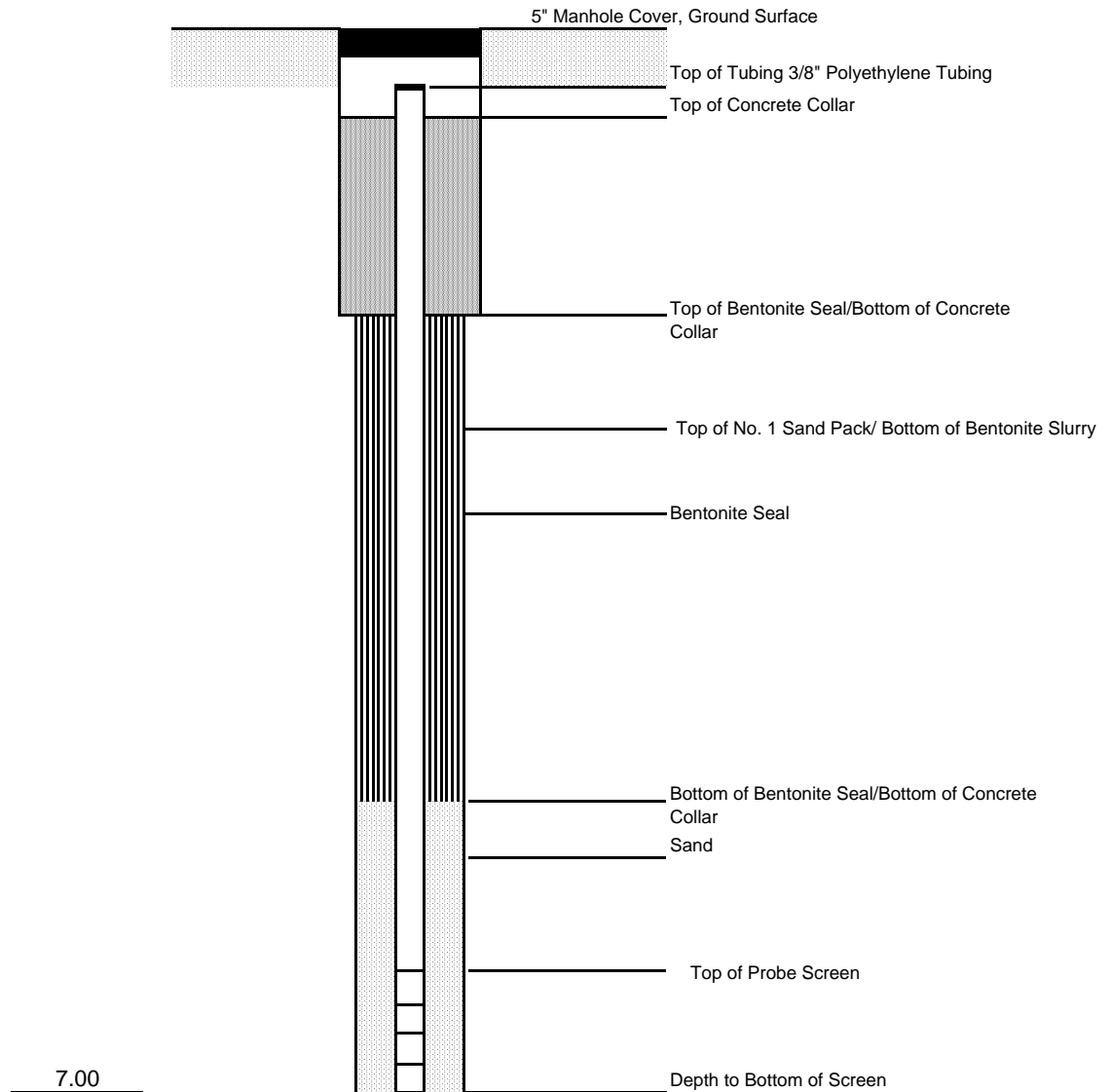
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 11/1/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-2**

ADDRESS: Morris Park Yard Facility

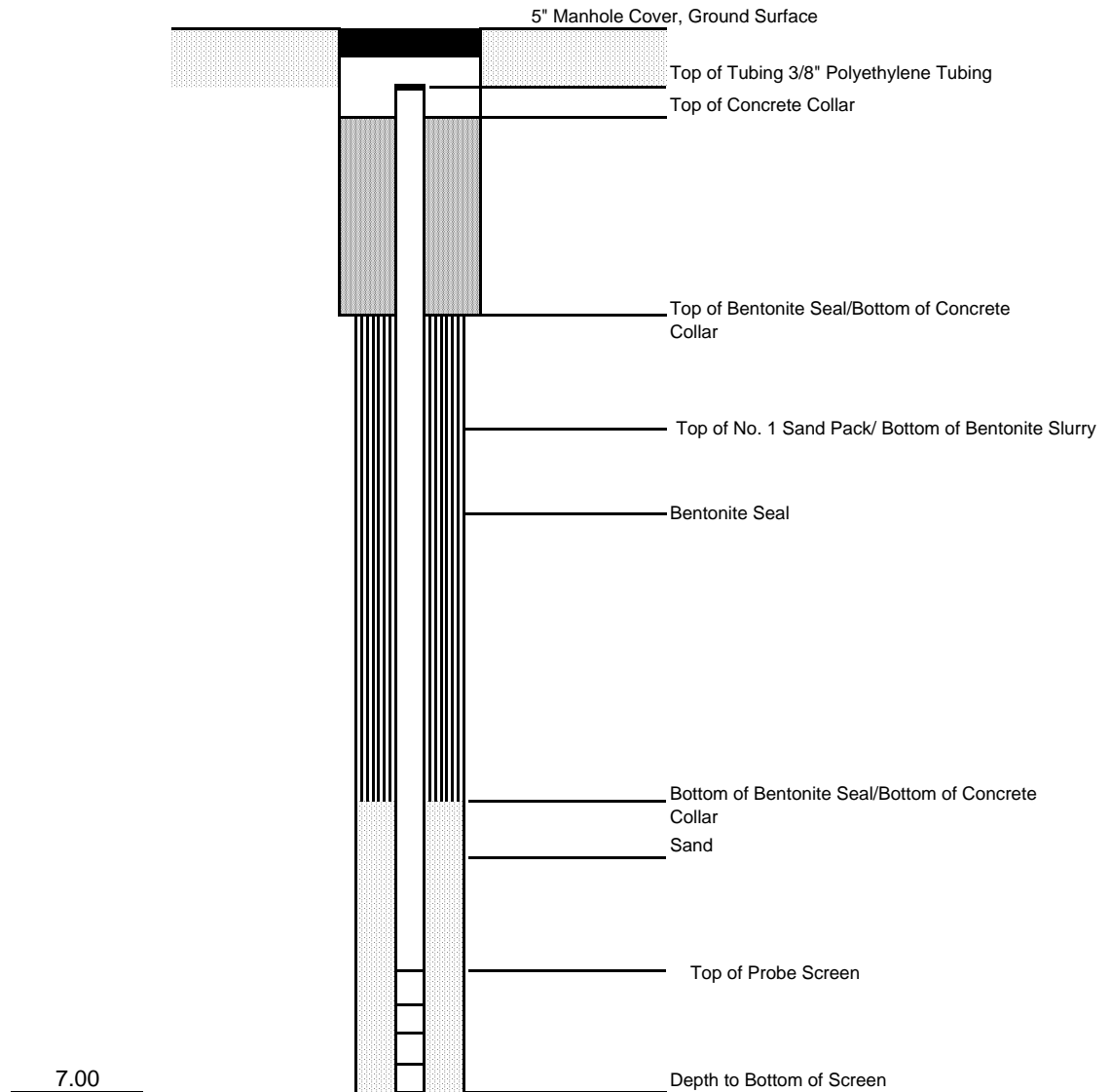
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 11/2/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-3**

ADDRESS: Morris Park Yard Facility

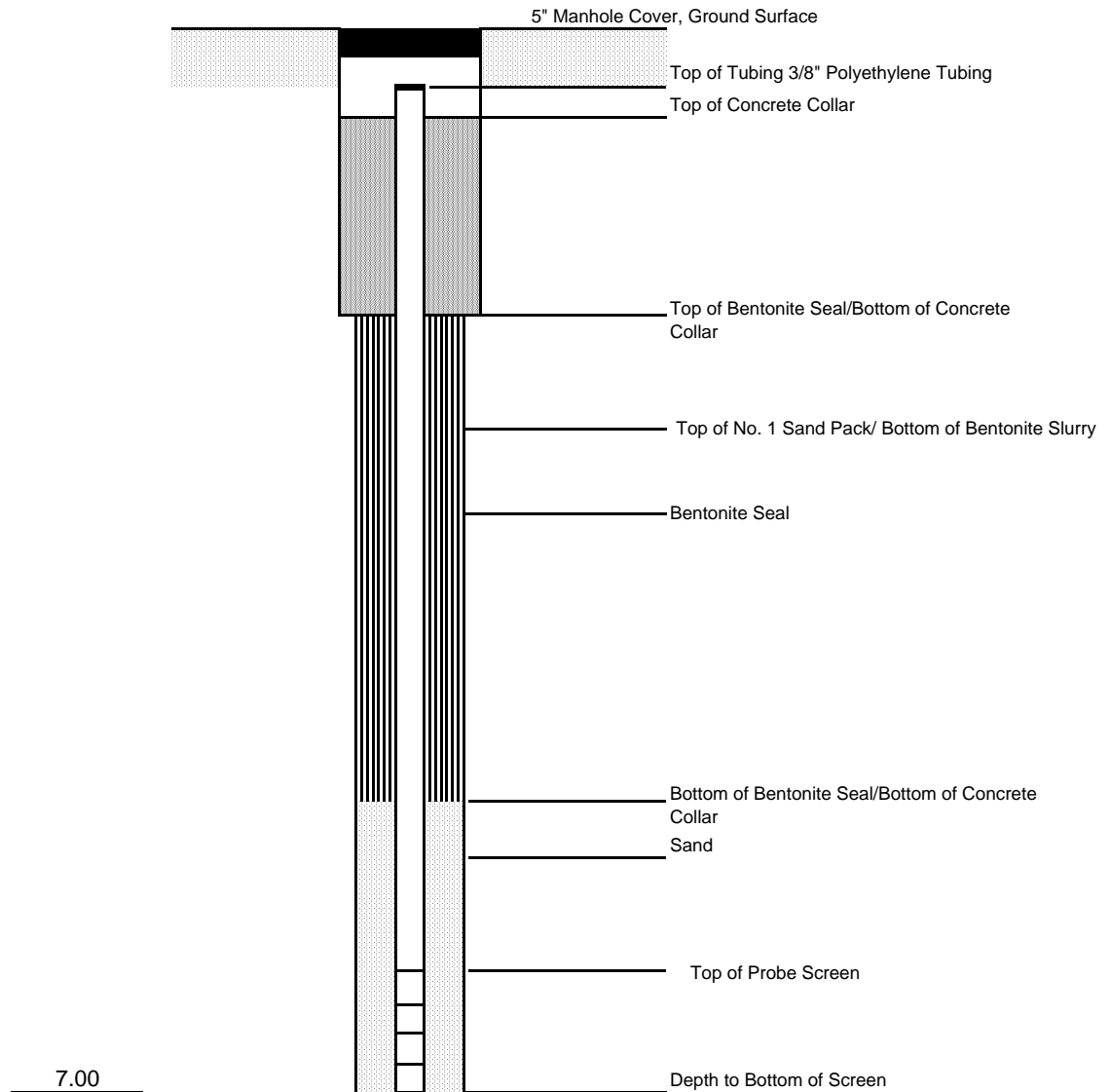
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 11/2/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

NOT TO SCALE



JOB NAME: Remedial Investigation

WELL NUMBER: **SG-4**

ADDRESS: Morris Park Yard Facility

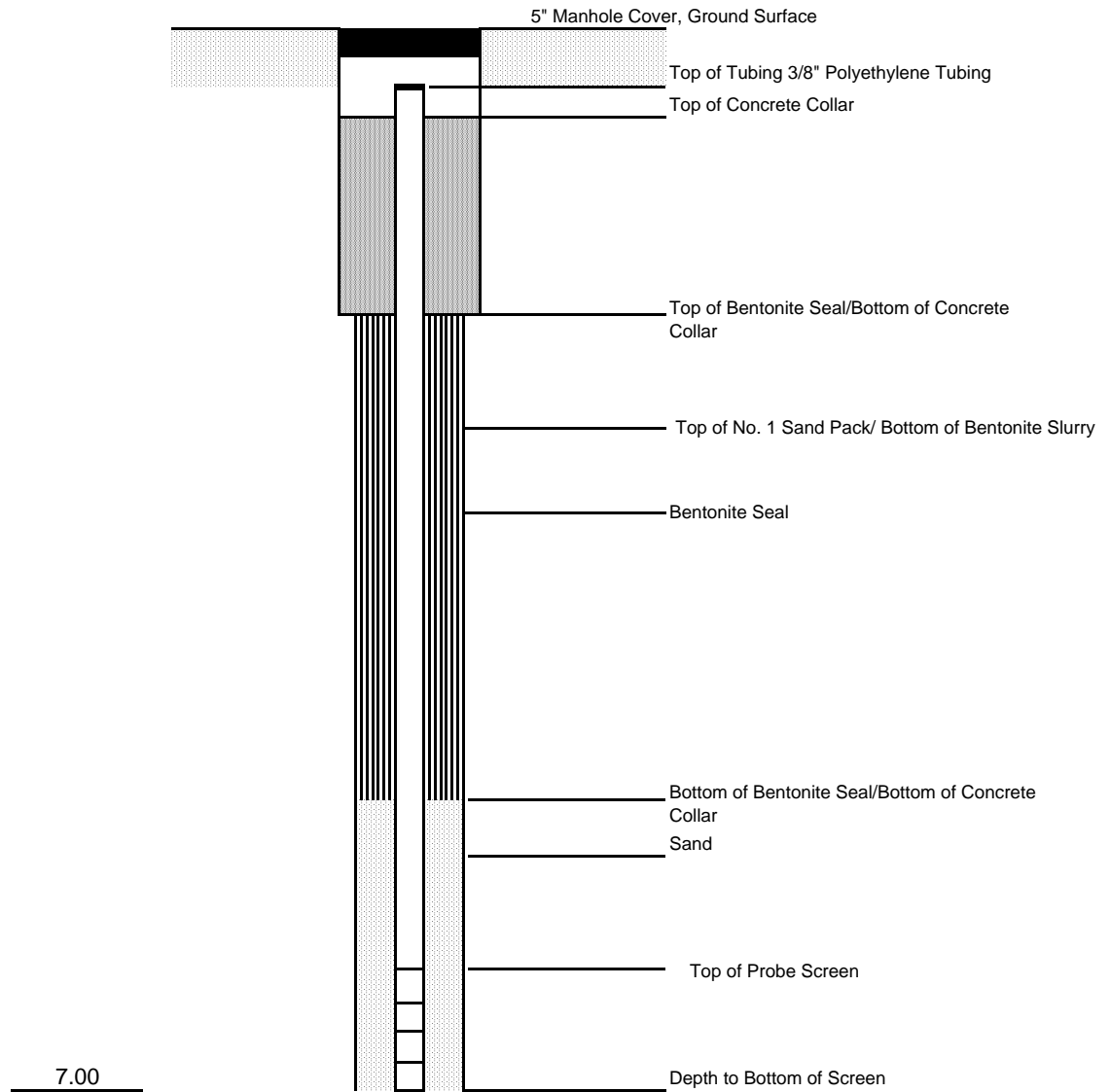
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 11/1/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-5**

ADDRESS: Morris Park Yard Facility

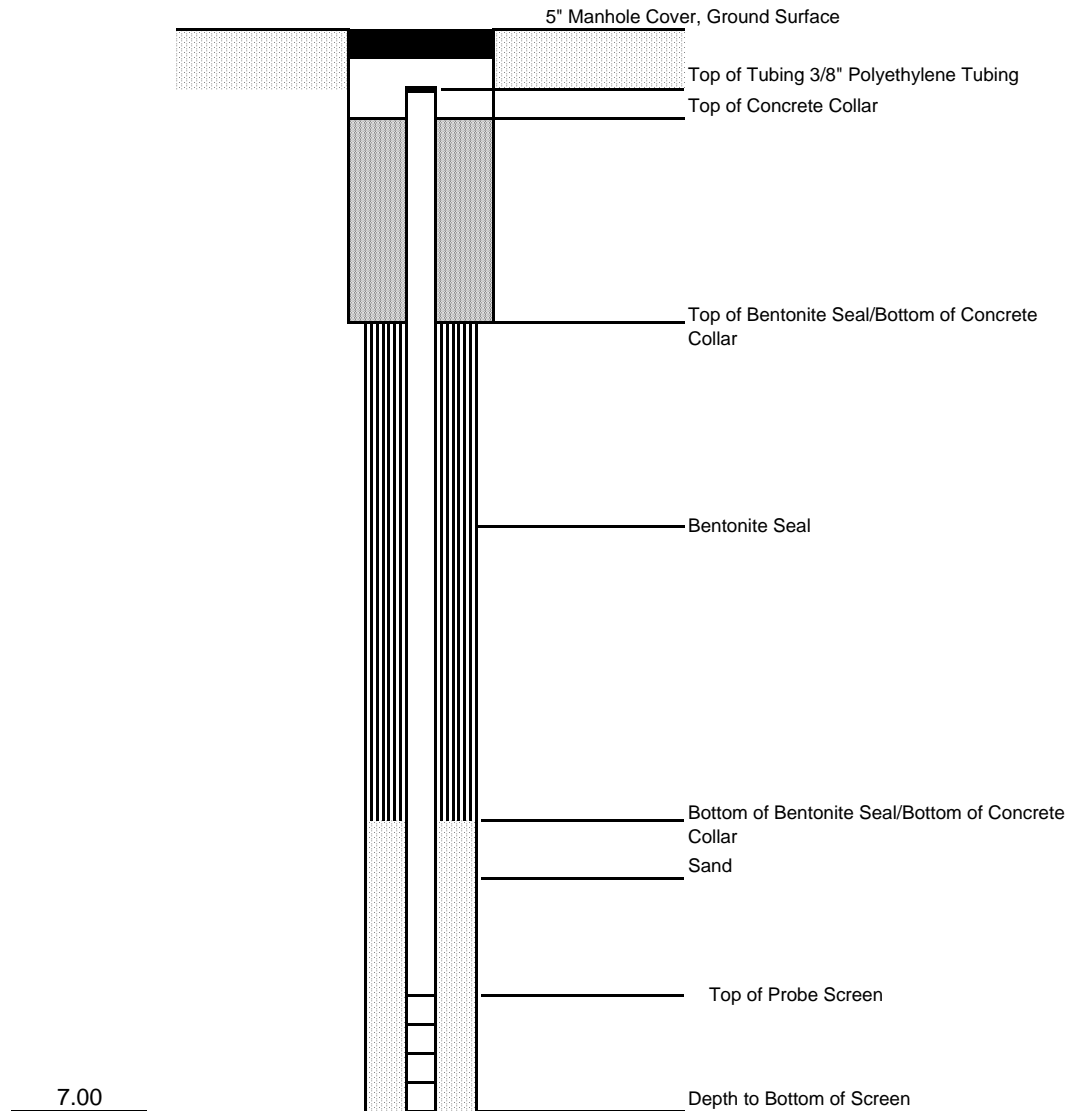
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 10/30/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-6**

ADDRESS: Morris Park Yard Facility

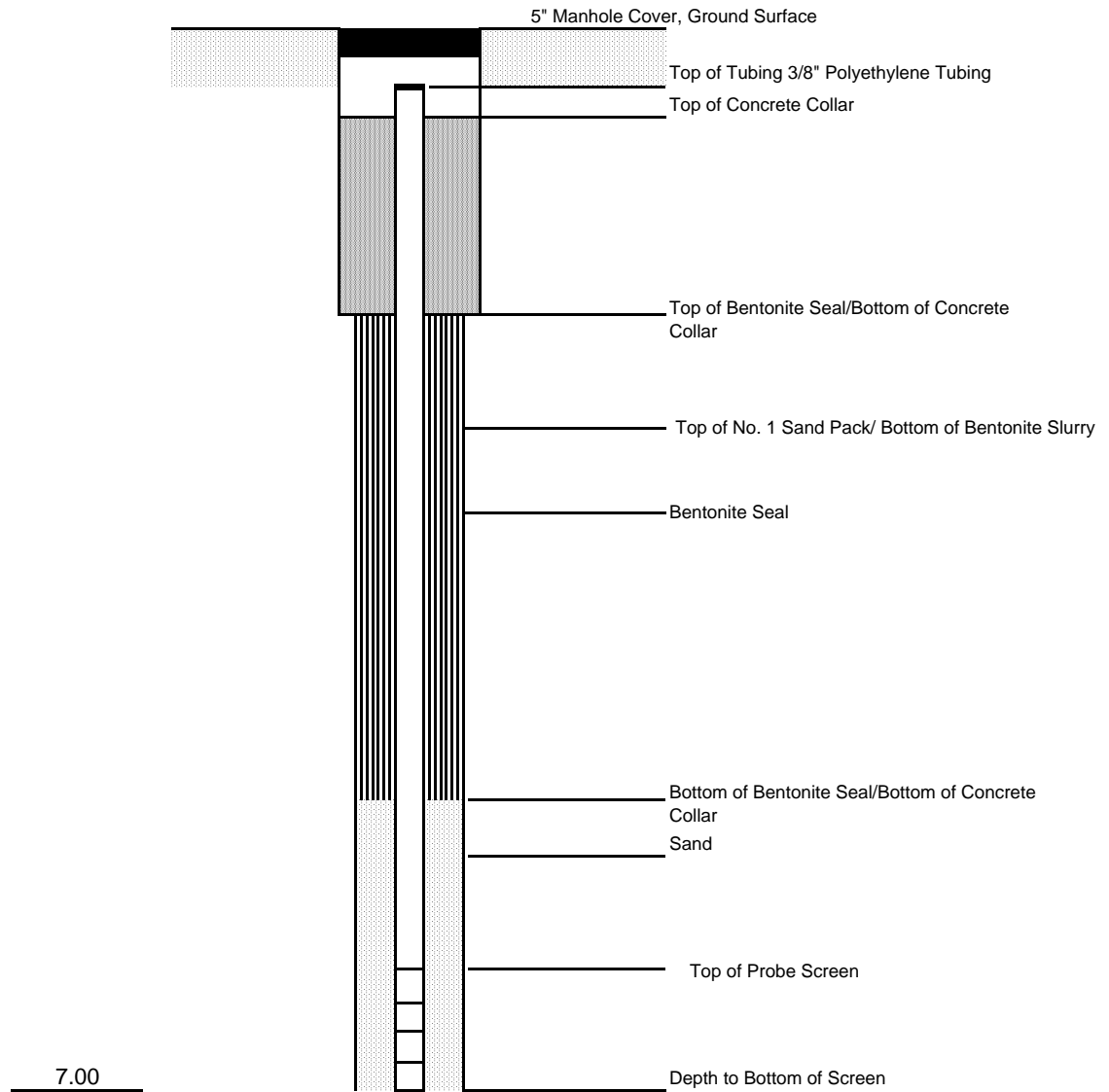
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 11/1/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-7**

ADDRESS: Morris Park Yard Facility

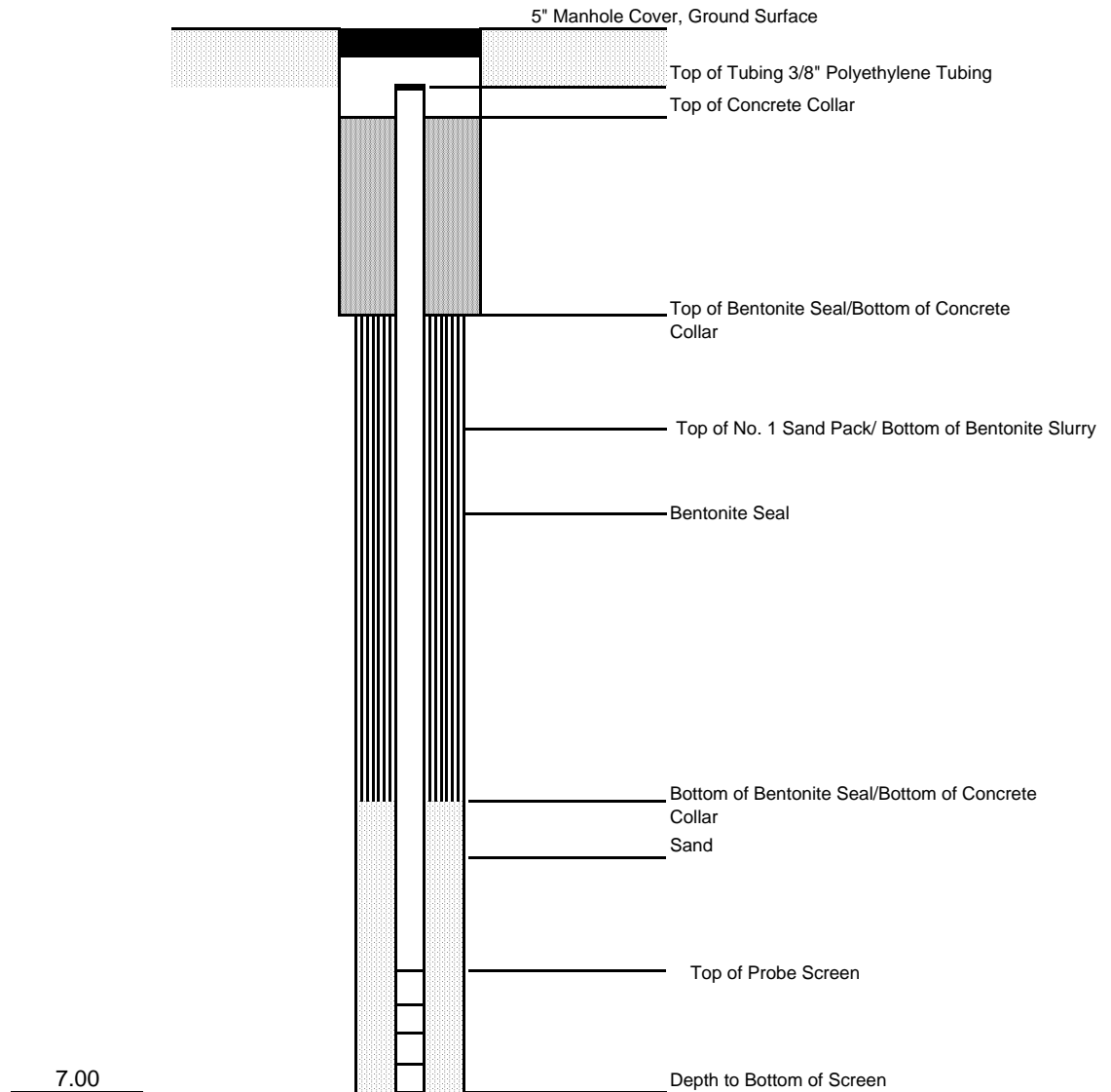
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 10/30/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-8**

ADDRESS: Morris Park Yard Facility

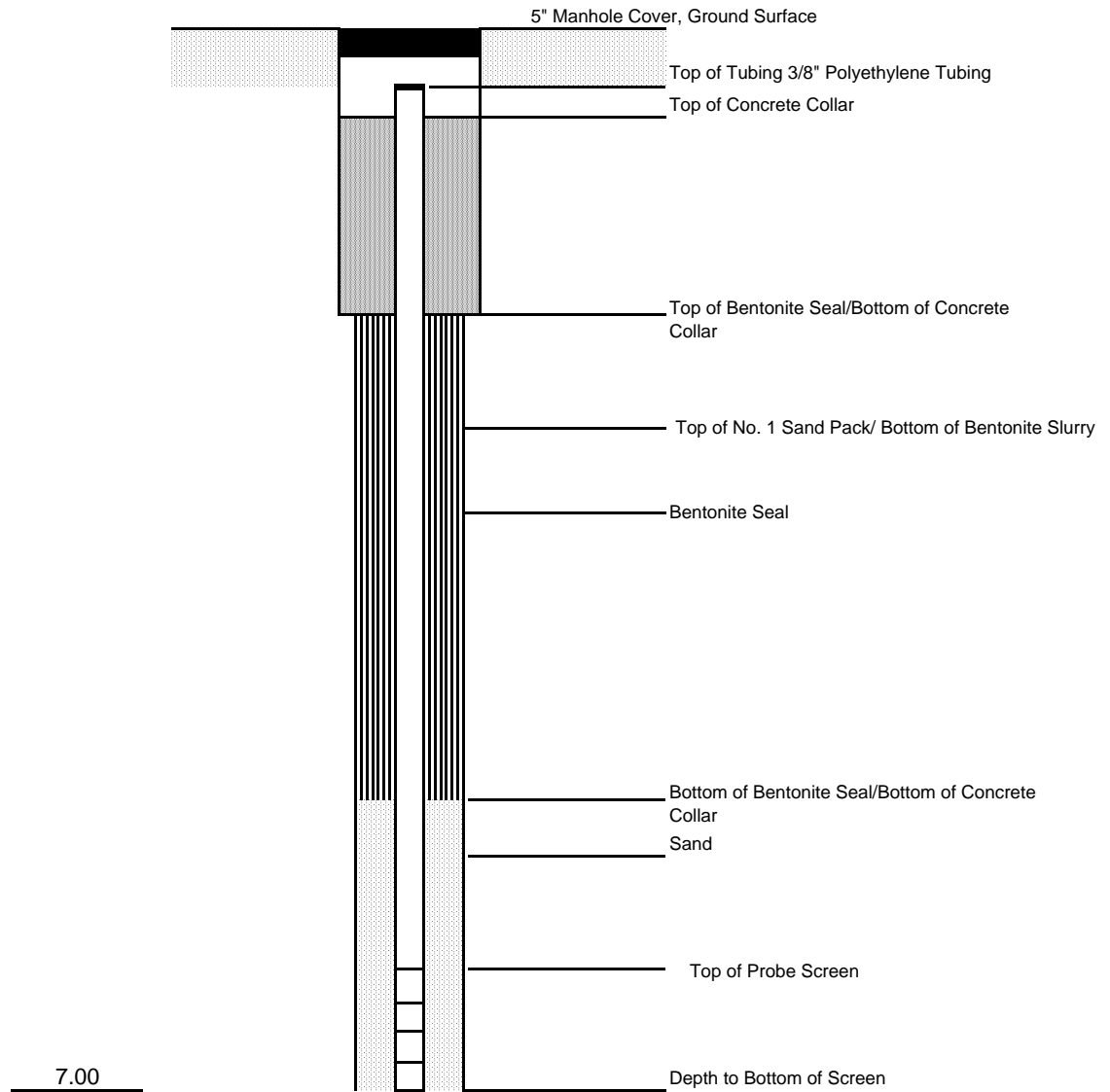
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 10/30/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-9**

ADDRESS: Morris Park Yard Facility

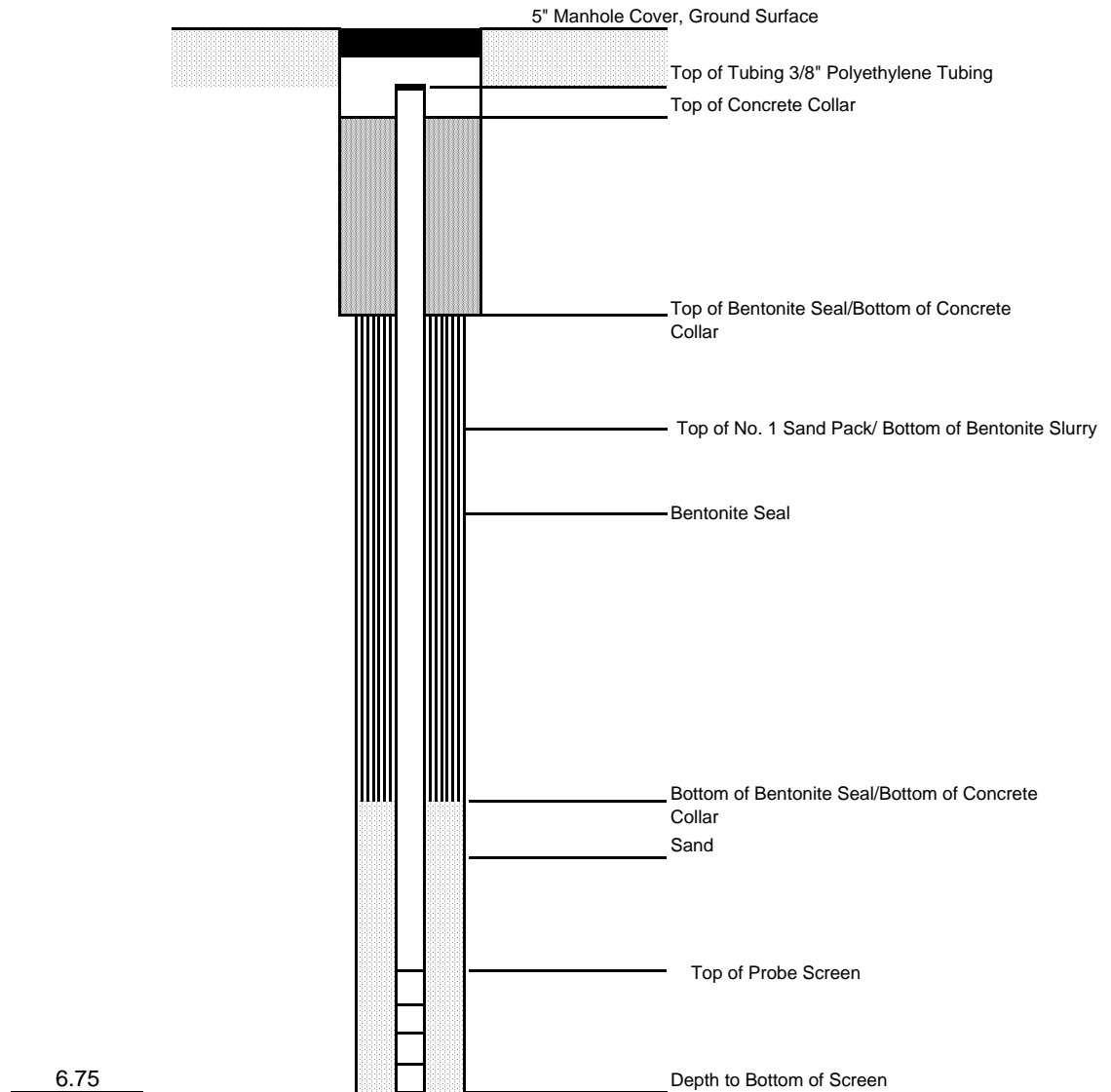
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 10/30/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 6.75 feet



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-10**

ADDRESS: Morris Park Yard Facility

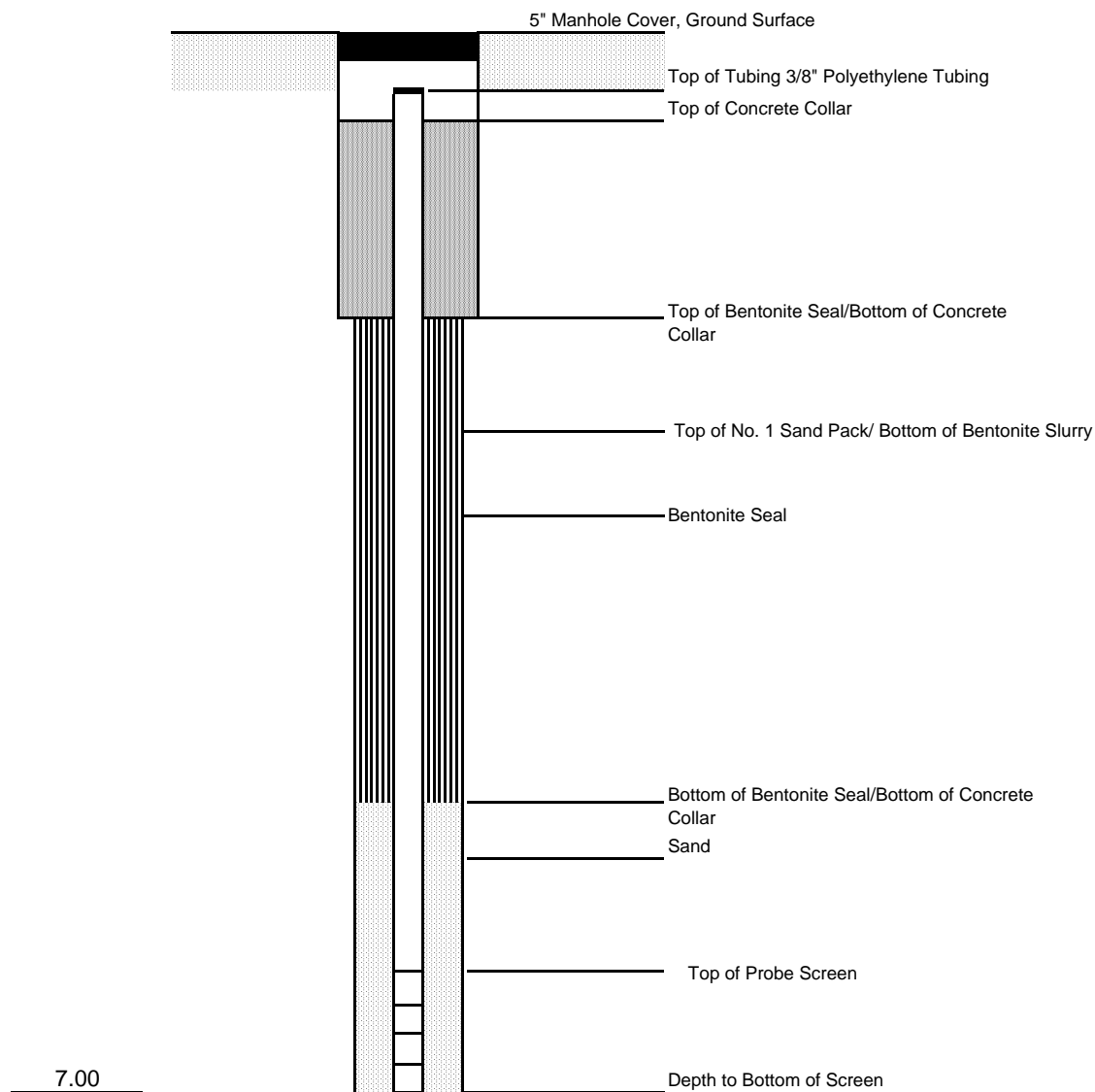
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 10/31/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-11**

ADDRESS: Morris Park Yard Facility

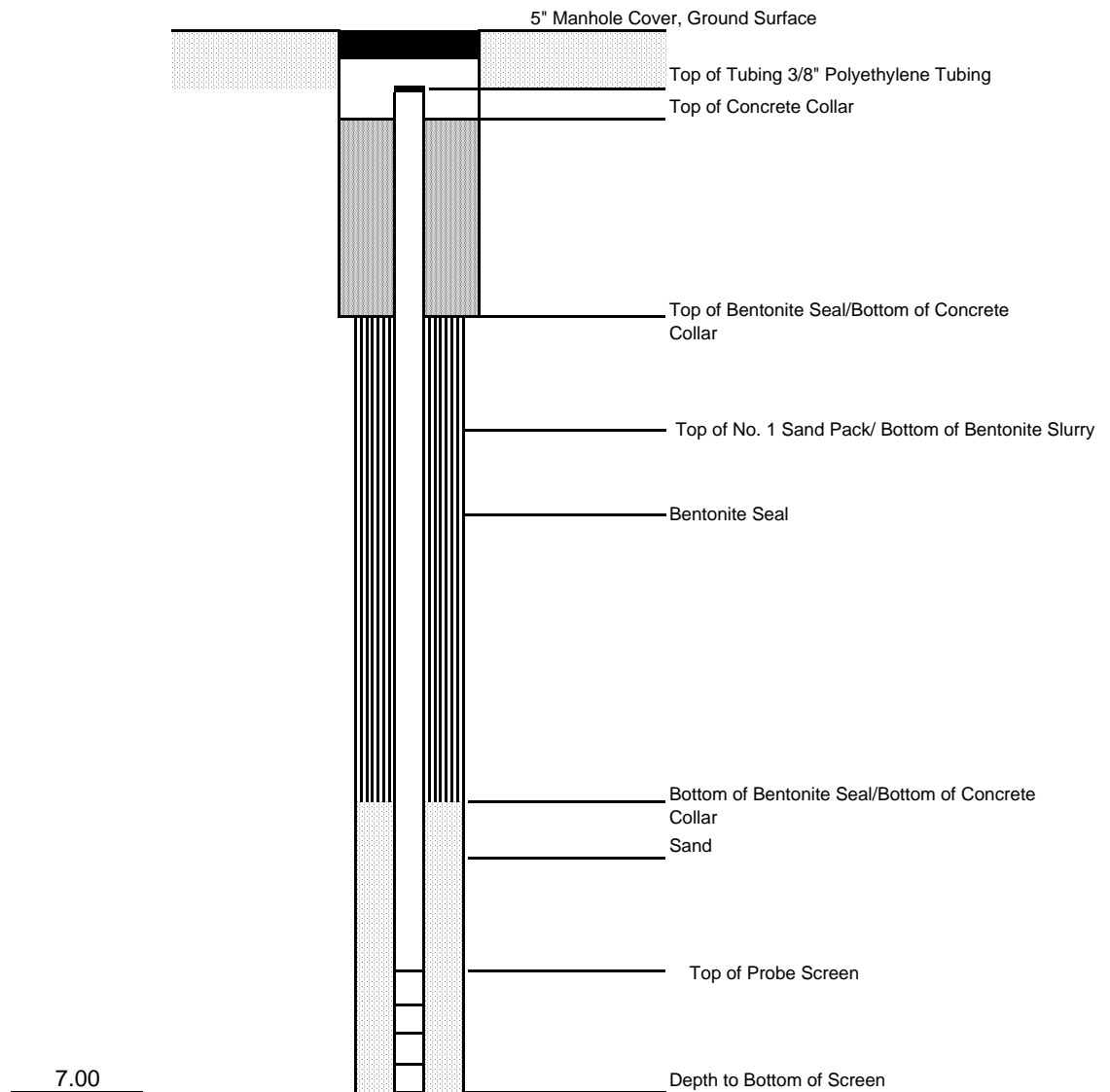
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 10/31/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

NOT TO SCALE



JOB NAME: Remedial Investigation

WELL NUMBER: **SG-12**

ADDRESS: Morris Park Yard Facility

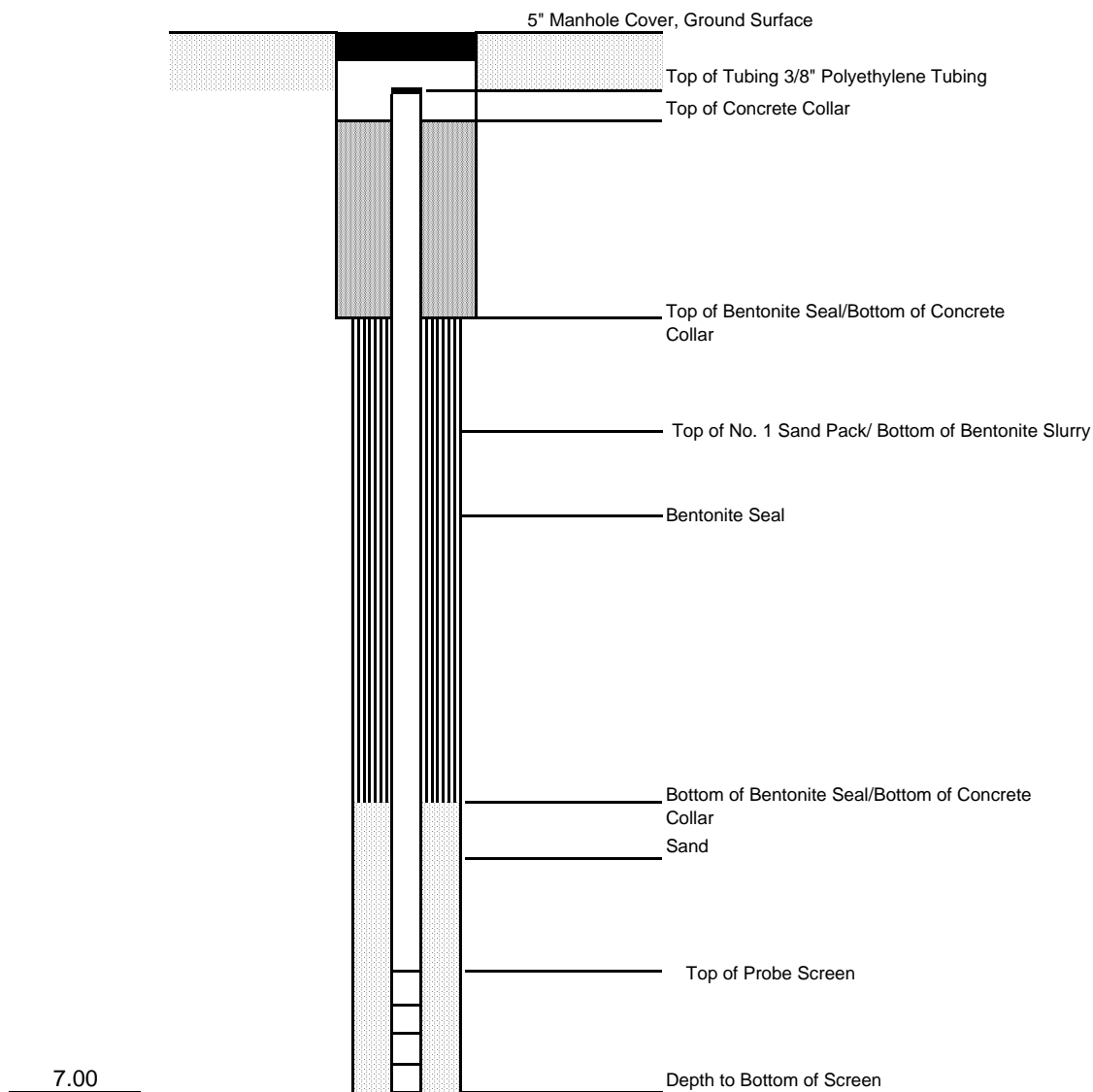
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 10/31/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-13**

ADDRESS: Morris Park Yard Facility

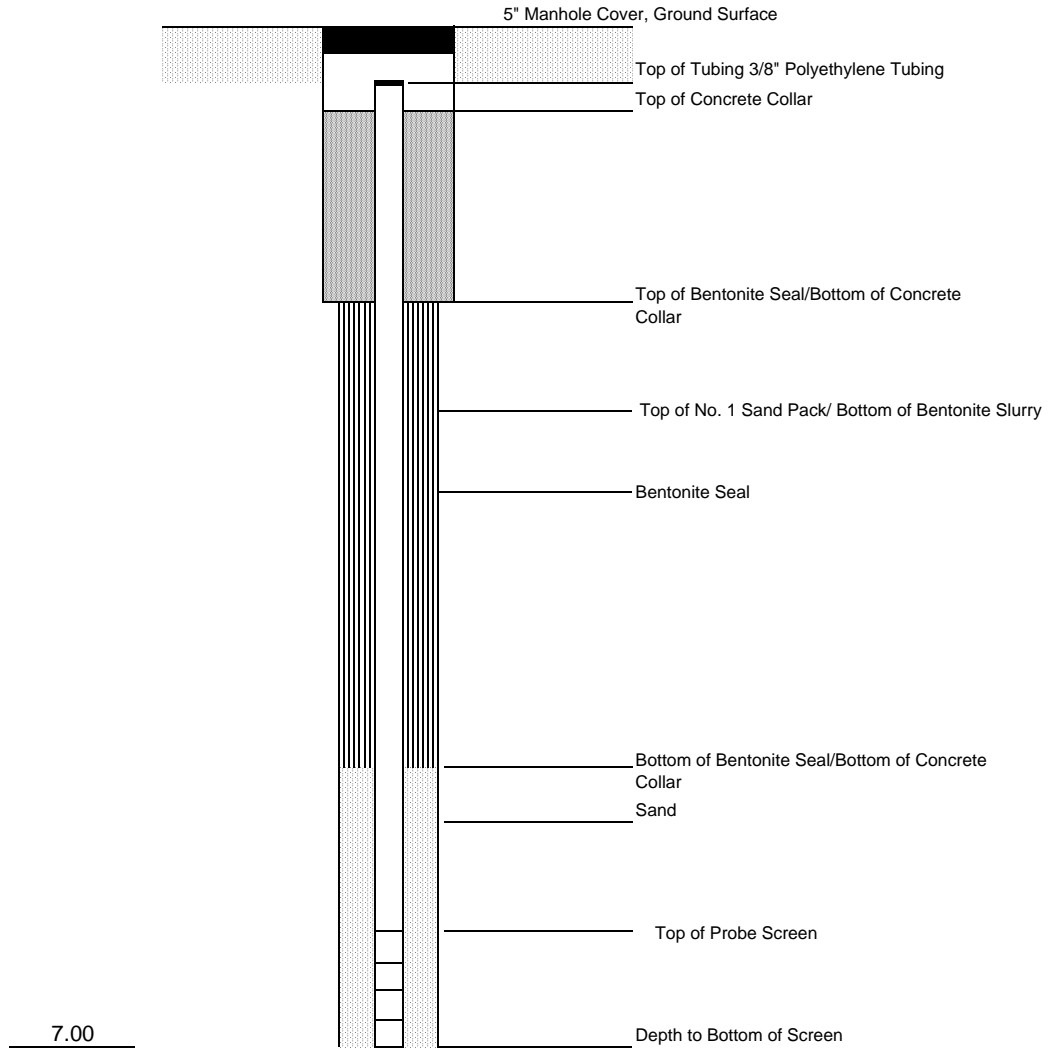
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 11/1/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-14**

ADDRESS: Morris Park Yard Facility

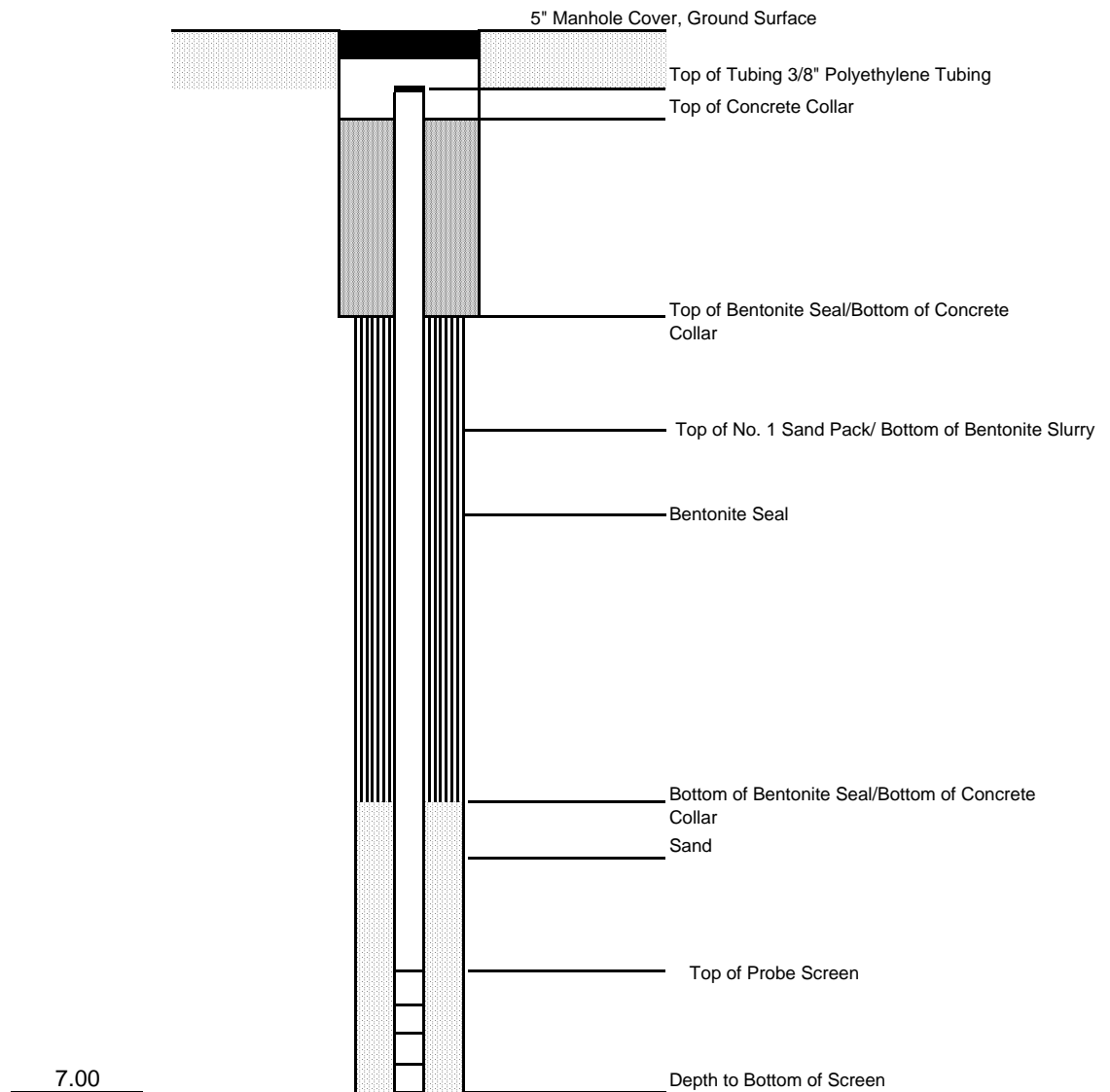
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 11/1/06

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

NOT TO SCALE

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-15**

ADDRESS: Morris Park Yard Facility

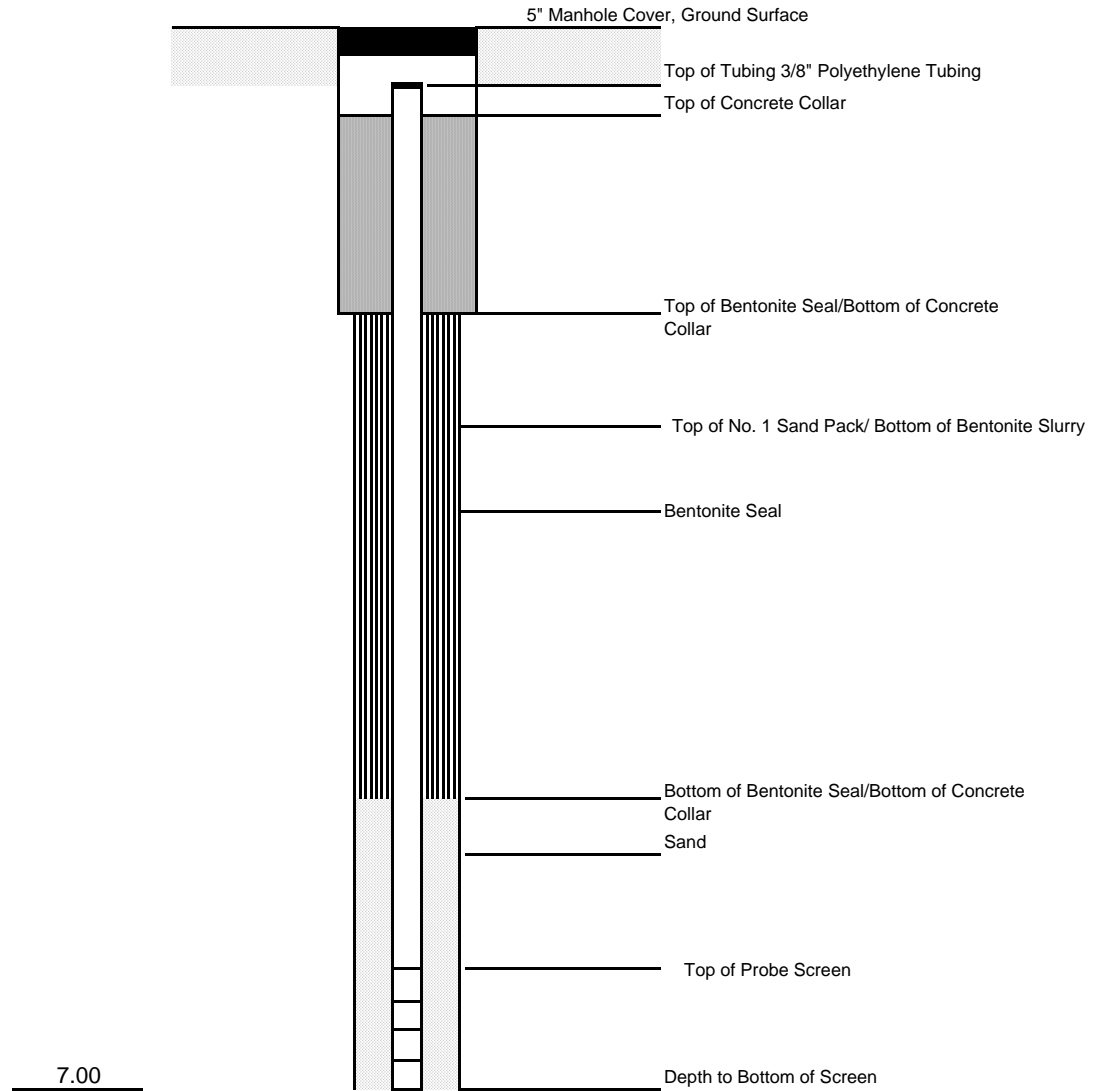
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 9/17/08

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-16**

ADDRESS: Morris Park Yard Facility

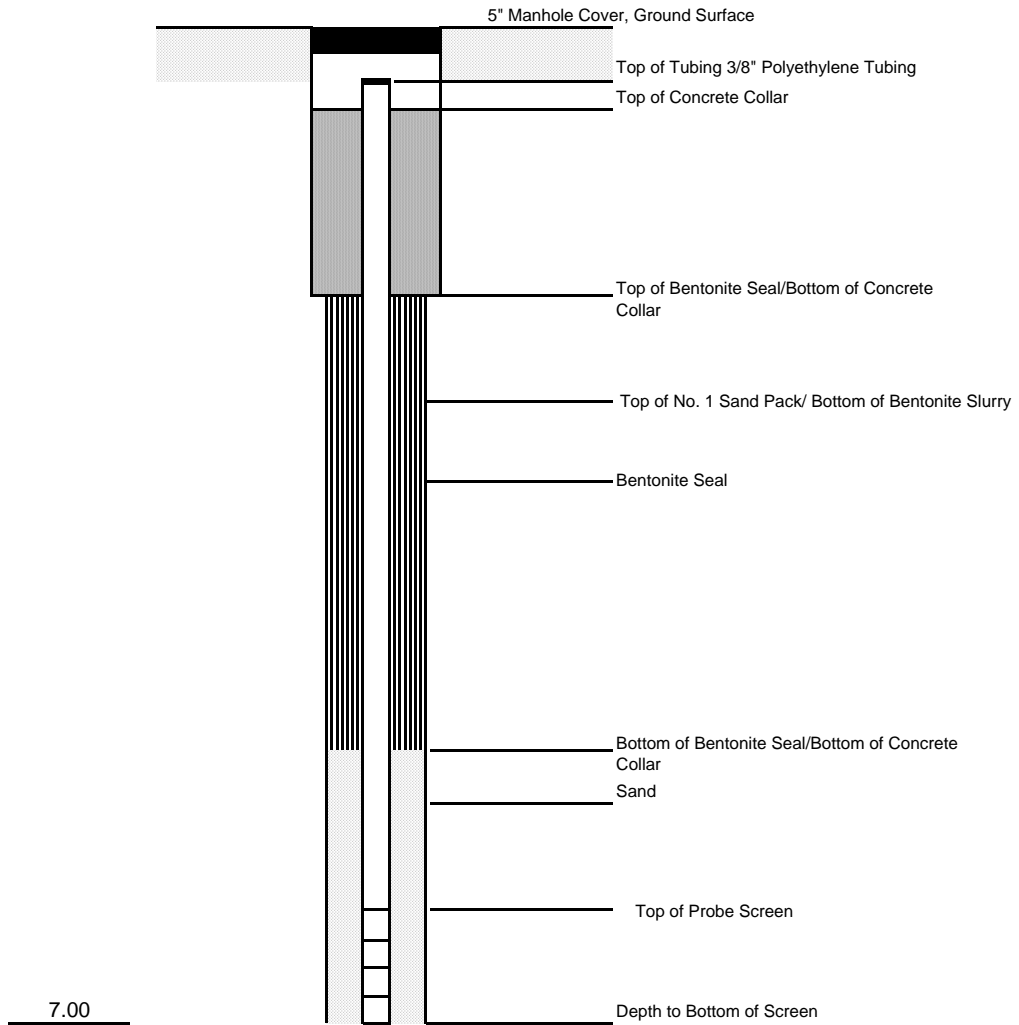
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 9/18/08

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-17**

ADDRESS: Morris Park Yard Facility

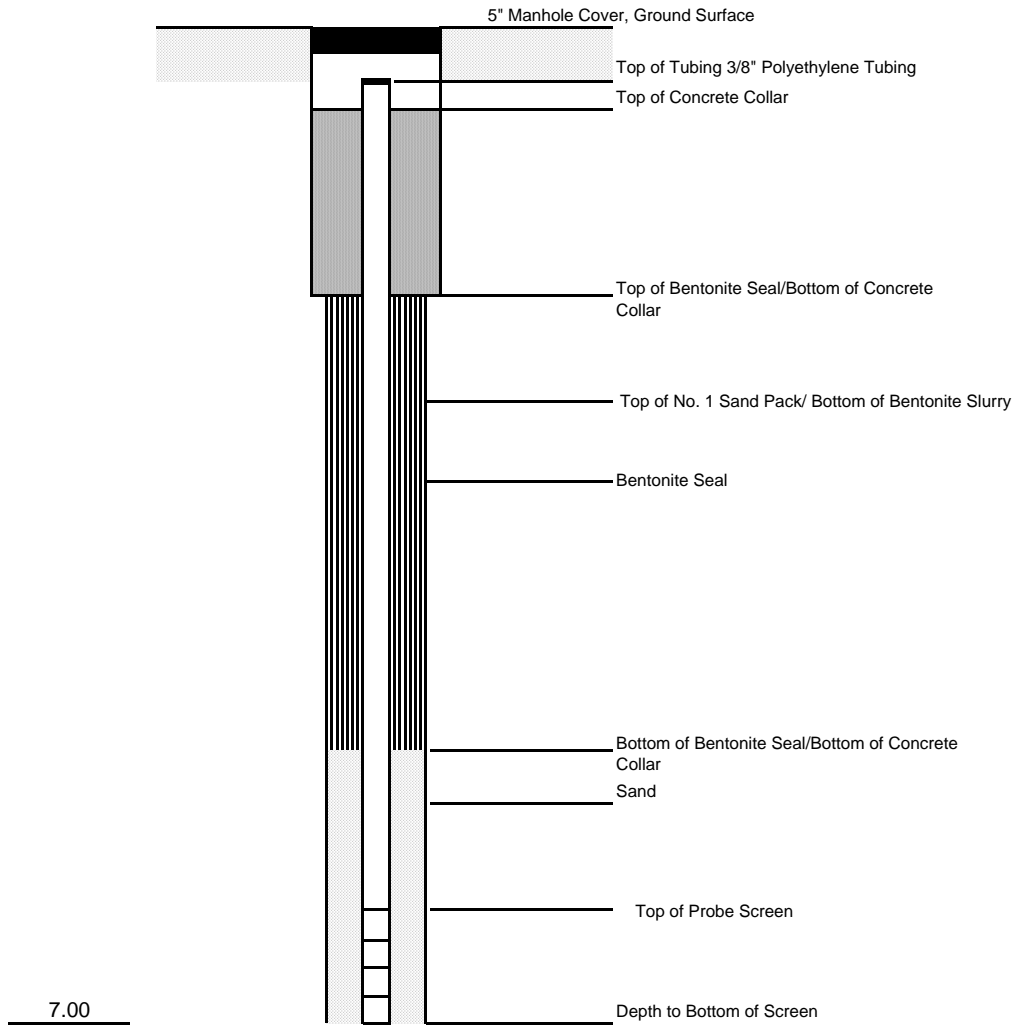
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 9/19/08

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-18**

ADDRESS: Morris Park Yard Facility

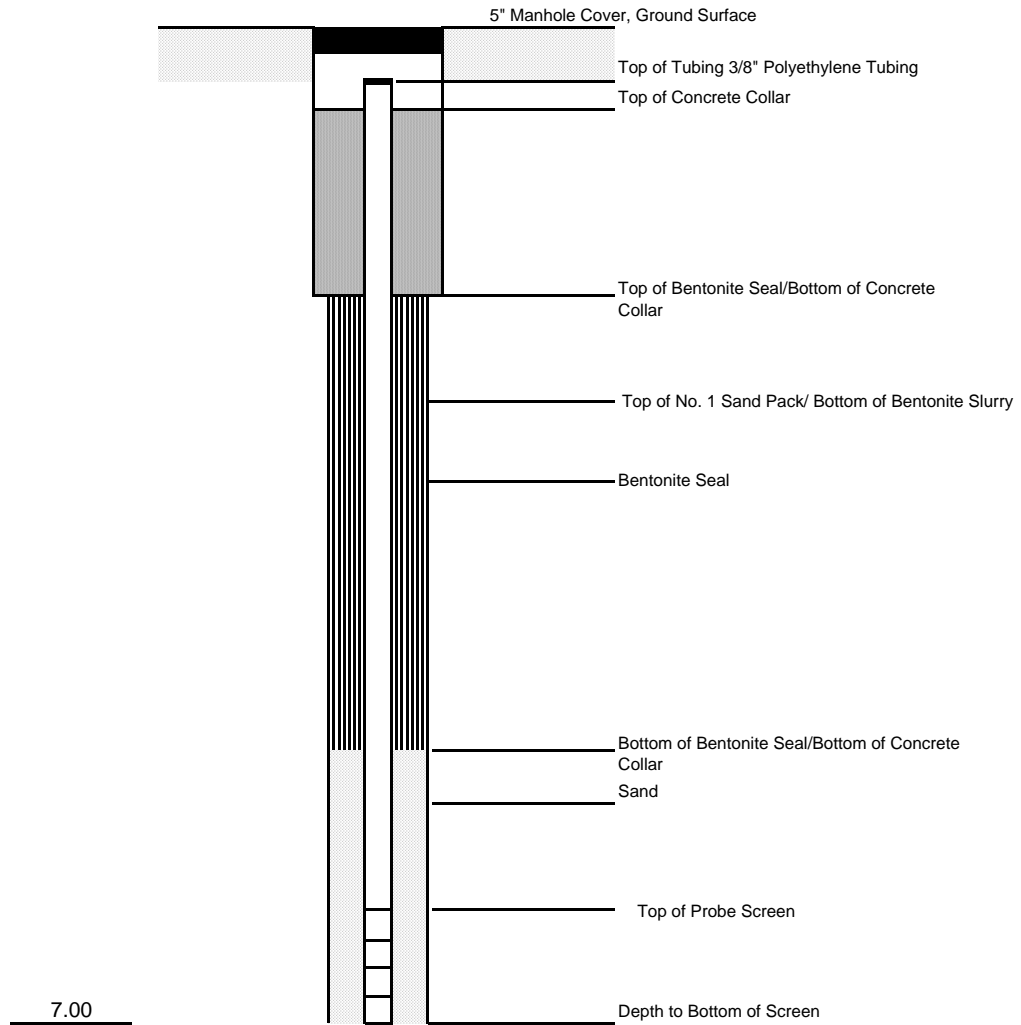
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 9/16/08

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-19**

ADDRESS: Morris Park Yard Facility

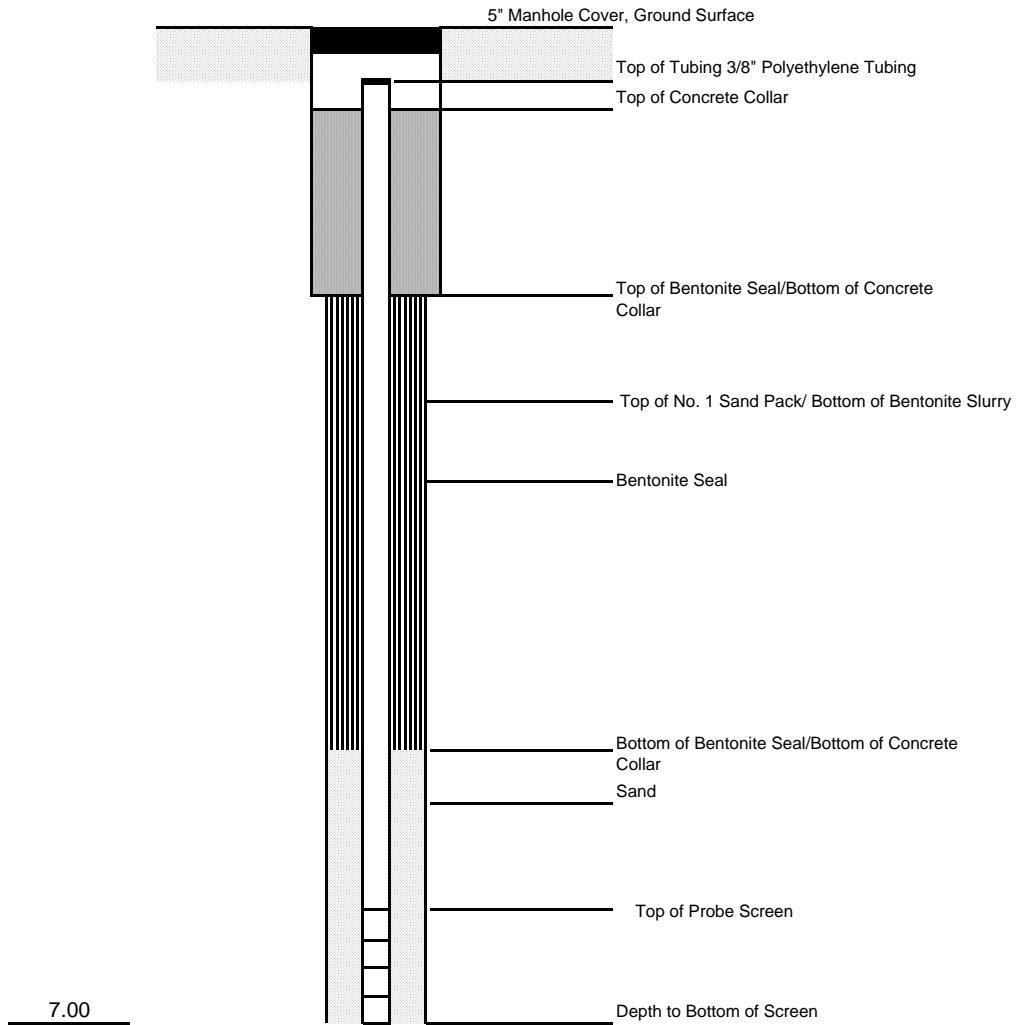
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 9/16/08

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**



JOB NAME: Remedial Investigation

WELL NUMBER: **SG-20**

ADDRESS: Morris Park Yard Facility

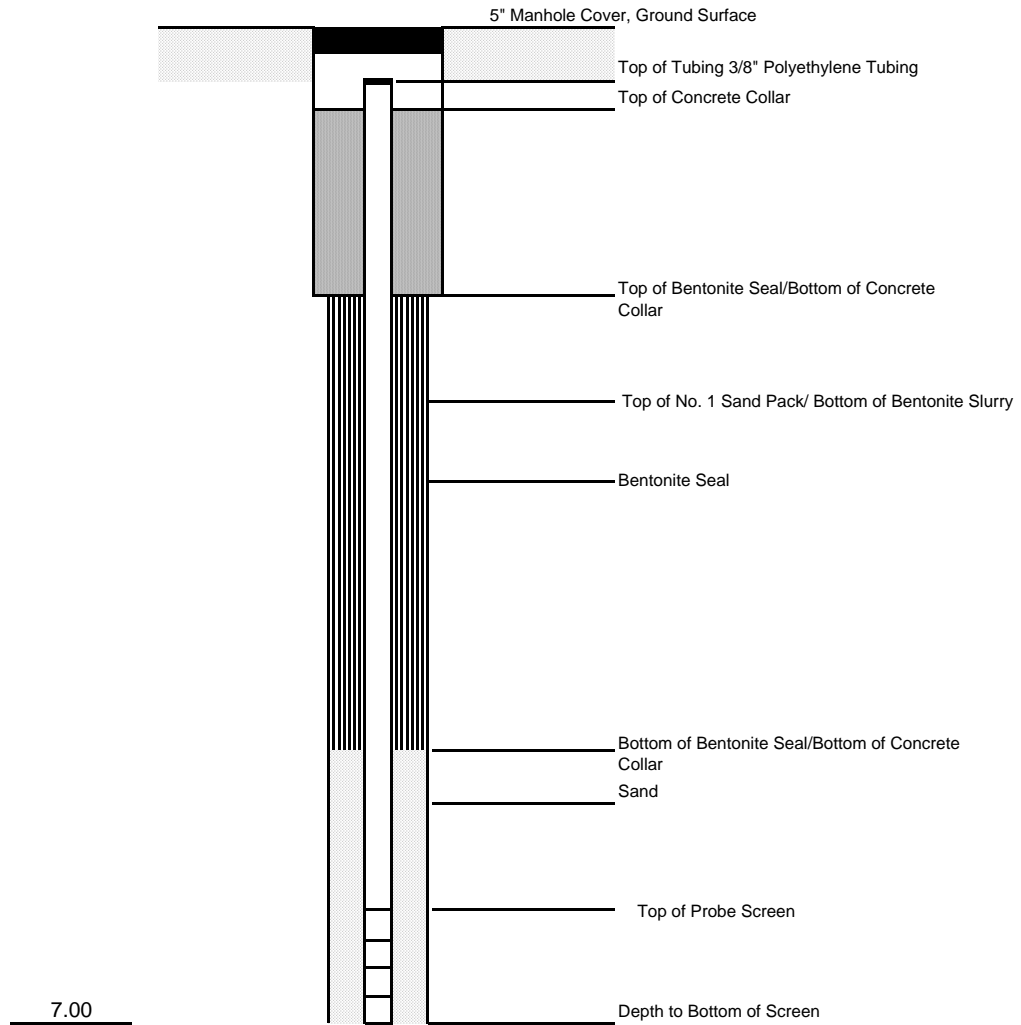
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 9/17/08

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-21**

ADDRESS: Morris Park Yard Facility

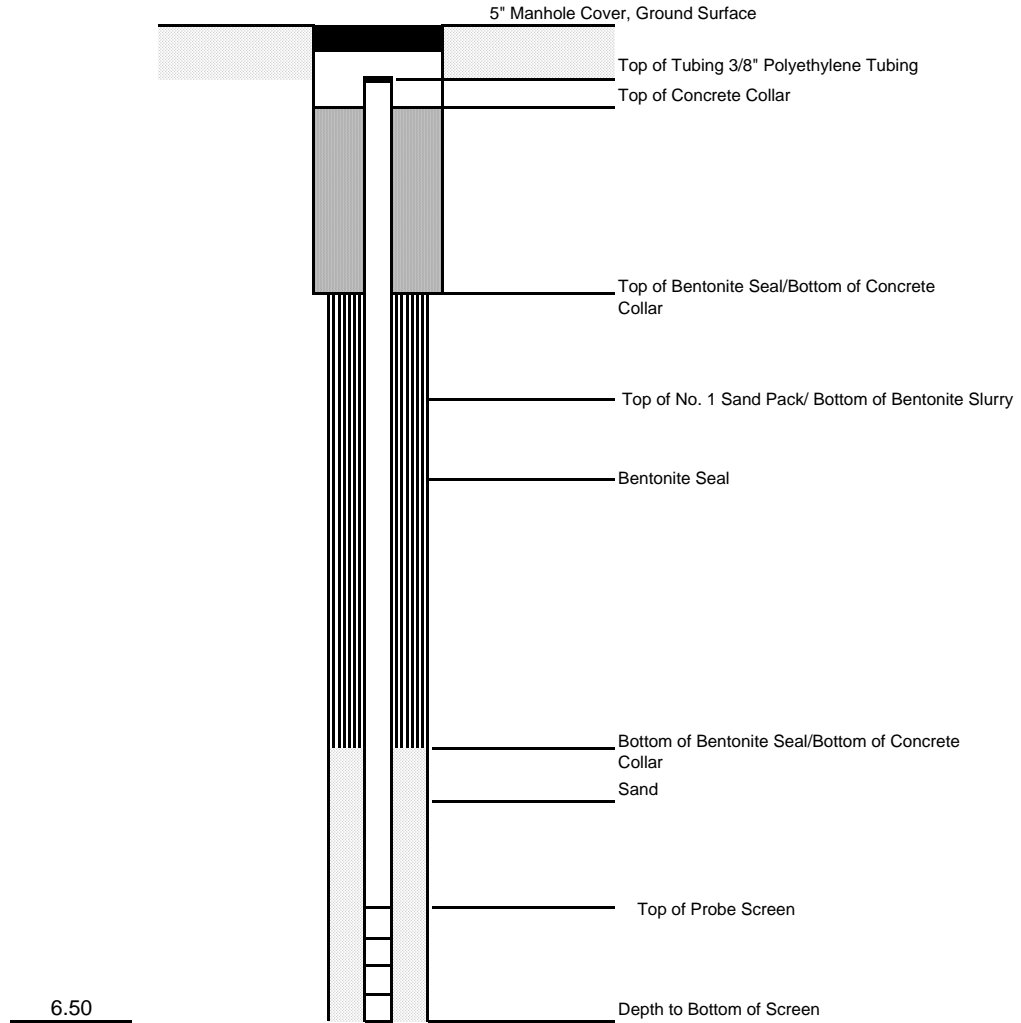
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 9/22/08

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 6.5 feet



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-22**

ADDRESS: Morris Park Yard Facility

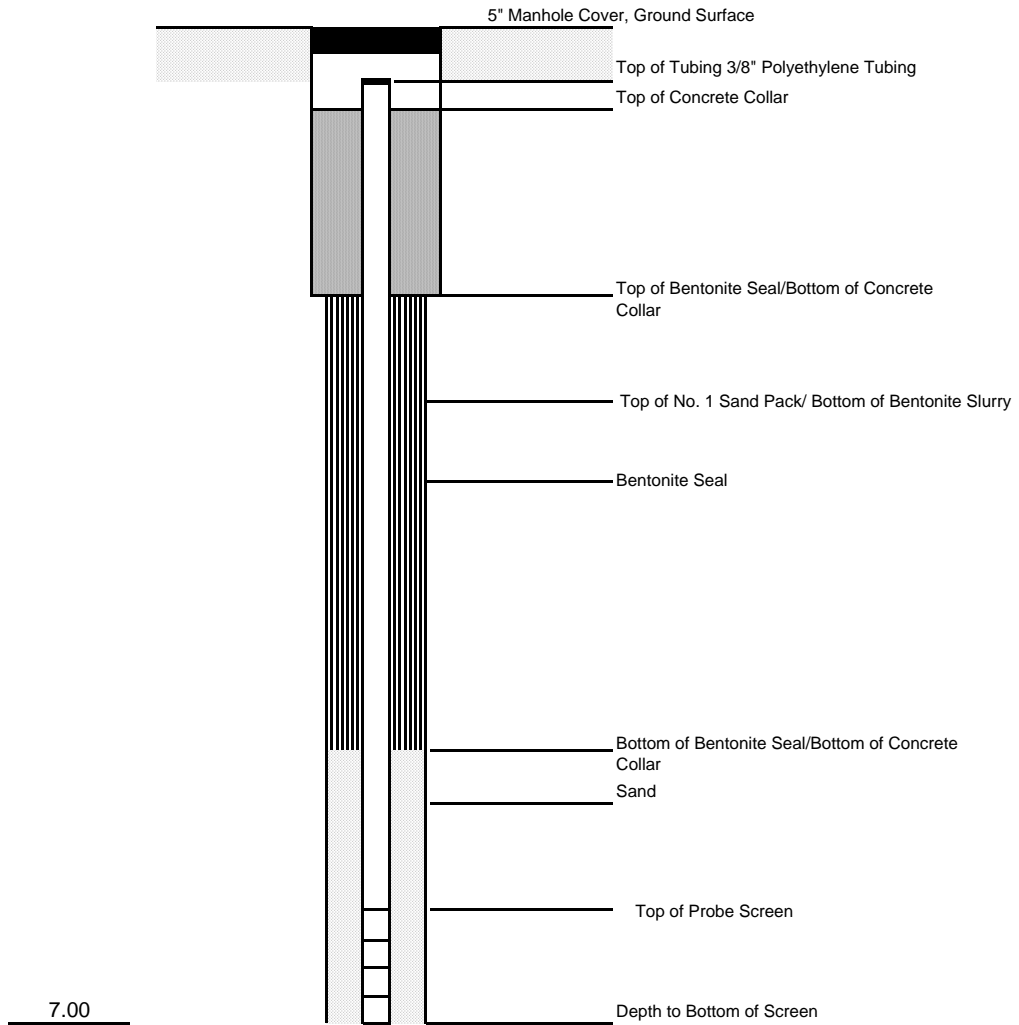
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 9/23/2008

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-23**

ADDRESS: Morris Park Yard Facility

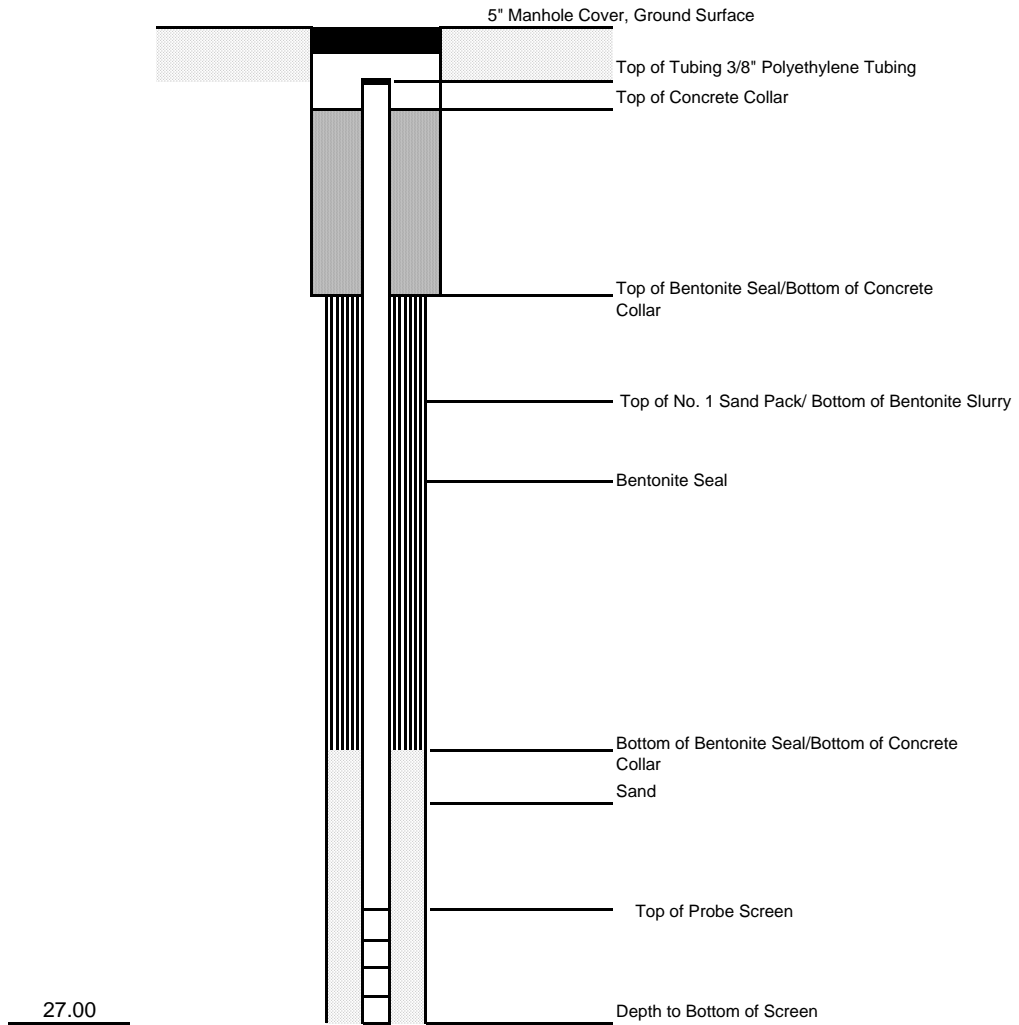
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 9/22/08

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 27.00 feet



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-24**

ADDRESS: Morris Park Yard Facility

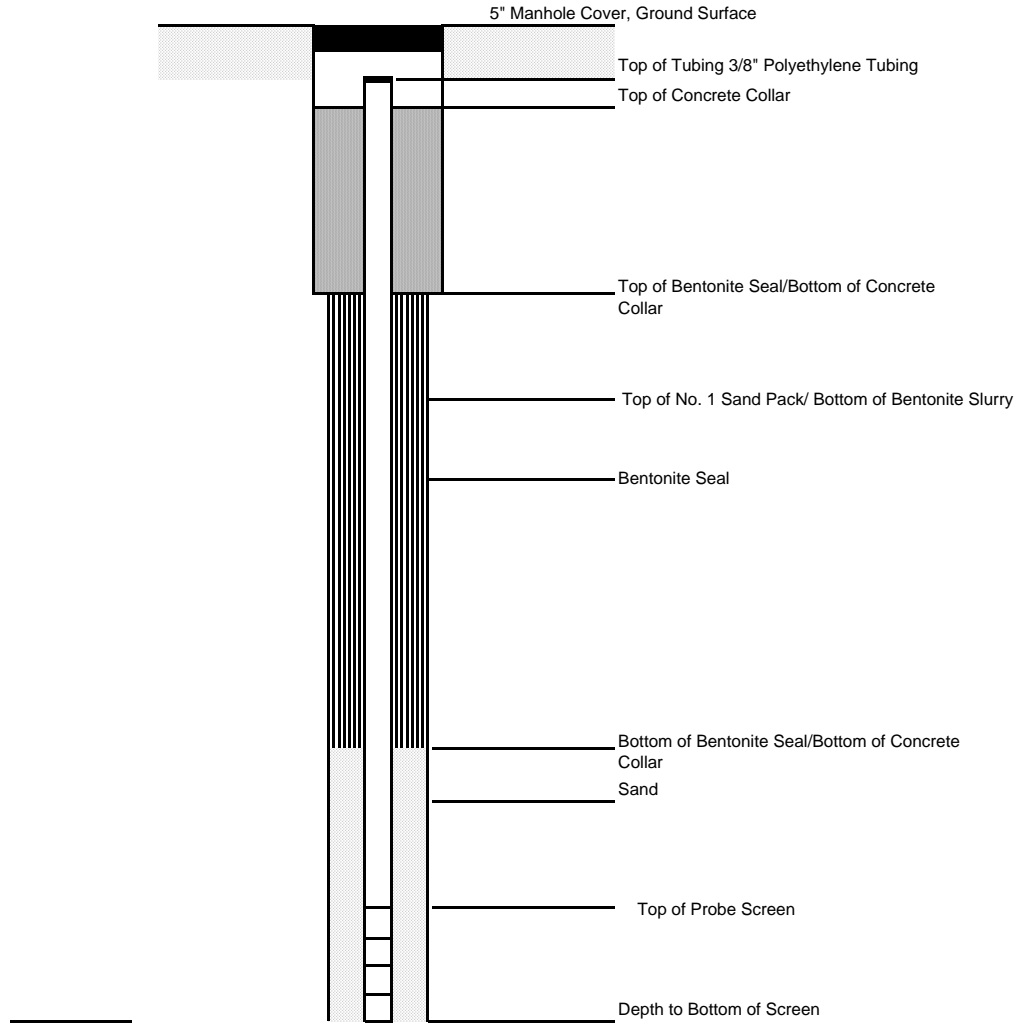
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 9/16 and 9/22/08

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 27 feet



**TRC**

JOB NAME: Remedial Investigation

WELL NUMBER: **SG-25**

ADDRESS: Morris Park Yard Facility

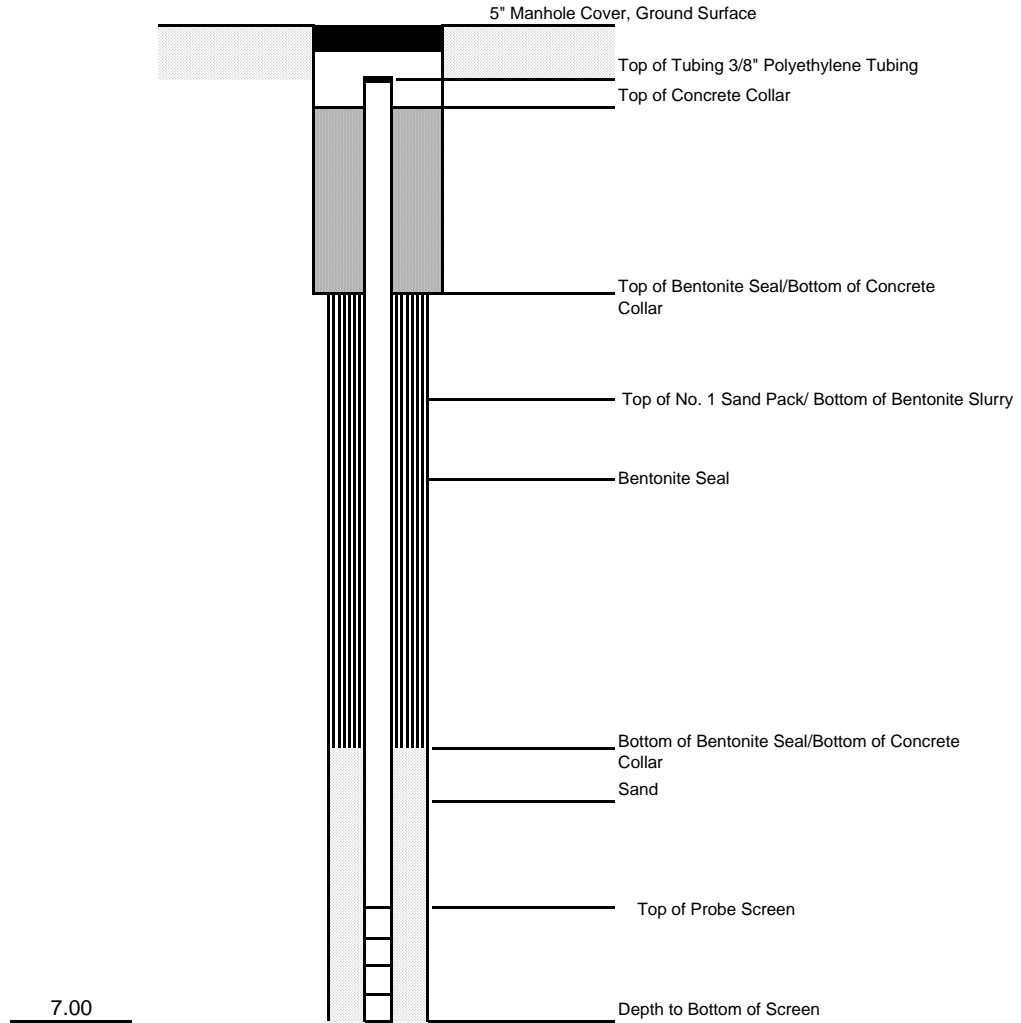
INSTALLATION METHOD: Air Knife

INSTALLATION DATE: 9/17/08

DRILLER: ADT

HEIGHT OF STICK-UP: Flush Mount

TOTAL DEPTH: 7.00 feet



**TRC**

## **Groundwater Sampling Logs**

## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.



## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

(3) For values greater than 1,

Revised 01/05

## Sheet 4 of 7

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing      39.40

(2) Below TOC

Revised 01/05

TRC Raviv Job No.

## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

Sheet 1 of 1

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

TRC Raviv Job No. \_\_\_\_\_  
Company\Technical\TRC Forms and Templates\low flow field form\Low Flow - Field Form

TRC Raviv Job No.

12/7

WELL NUMBER	WELL INFORMATION					Date: 12-7-06
MIN-30-60	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	TRC Personnel: Greg Soska, Joseph Schwarz
PERMIT NUMBER						Site Name: LIRR- Morris Park Yard Facility
	4	36.95			0.0	Site Location: Richmond Hill, NY
						TRC Job Number: 46130-0010-00004

PURGING INFORMATION							TRC RAVIV METER NUMBERS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (gal)	pH:	Cond:	DO:
							EH:	Turbidity:	NJDEP Cert. No. 07734
Grout	LDPE	32.5	0919				Rental Meter Name: Horiba U-22		
							Rental Meter Serial No.: 10185		

[illegible]

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet \_\_\_\_\_ of \_\_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

TRC Raviv Job No.

Company\Technical\TRC Forms and Templates\low flow field form\Low Flow - Field Form



## Sheet \_\_\_\_\_ of \_\_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

TRC Raviv Job No. \_\_\_\_\_  
Company\Technical\TRC Forms and Templates\low flow field form.xls\Low Flow - Field Form

TRC Raviy Job No.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

**Note:** Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

(3) For values greater than 1.

TRC Raviv Job No.

Company\Technical\TRC Forms and Templates\low flow field form\Low Flow - Field Form

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

TRC Raviv Job No. \_\_\_\_\_  
Company\Technical\TRC Forms and Templates\low flow field form\Low Flow - Field Form

## Sheet \_\_\_\_\_ of \_\_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

TRC Raviv Job No. \_\_\_\_\_  
Company\Technical\TRC Forms and Templates\low flow field form.xls\Low Flow - Field Form



## Sheet 1 of 1

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TQC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/0

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2). Below TOC

Revised 01/09

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.



+ Duplicate +

Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

(3) For values greater than 1.

Revised 01/05

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

**Note:** Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

TRC Raviv Job No. \_\_\_\_\_  
Company\Technical\TRC Forms and Templates\low flow field form\Low Flow - Field Form

## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC 1539

Revised 01/05

TRC Raviv Job No. \_\_\_\_\_  
Company\Technical\TRC Forms and Templates\low flow field form\Low Flow - Field Form

## Sheet \_\_\_\_\_ of \_\_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet 1 of 1

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.



## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

11/27/2006 4:19 PM

## Sheet 1 of 1

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of \_\_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

values greater than 1.

Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

TRC Raviv Job No. \_\_\_\_\_  
Company\Technical\TRC Forms and Templates\low flow field form.xls\Low Flow - Field Form

TRC Raviv Job No.

## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet \_\_\_\_\_ of \_\_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

Company\Technical\TRC Forms and Templates\low flow field form\Low Flow - Field Form

49 PM



## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

TRC Raviv Job No. \_\_\_\_\_  
Company\Technical\TRC Forms and Templates\low flow field form.xls\Low Flow - Field Form

TRC Raviv Job No.



Groundwater Low-Flow  
Sampling Data Record

Project:

Project No.:

Date/Time:

Sheet 1 of 1

TRC Personnel:

Well Identification:

WELL INTEGRITY

Protect. Casing Secure  
Concrete Collar Intact  
PVC Stick-up Intact  
Well Cap Present  
Security Lock Present

YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Protective Casing Stick-up (from ground) NA ft.

Riser Stick-up (from ground) NA ft.

WELL DIAMETER ☒ 2 inch  
☐ 4 inch  
☐ 6 inch

PID SCREENING (ppmV)

Background  
Well Mouth

Land Malfund  
(if required)

WELL MATERIAL

☒ PVC ☐ SS ☐

Well Depth \_\_\_\_\_ ft.

Water Depth 35.52 ft.

Depth of pump intake \_\_\_\_\_ ft.

Height of

Water Column \_\_\_\_\_ ft. x

Volume of Water in Well = \_\_\_\_\_ gallon(s)

[Vol. =  $r^2 h(0.163)$ ]

Reference Point:

☐ top of riser  
☒ top of casing

\_\_\_\_\_ gal/ft (2 in.)  
\_\_\_\_\_ gal/ft (4 in.)  
\_\_\_\_\_ gal/ft (6 in.)  
\_\_\_\_\_ gal/ft (\_\_\_\_\_ in.)

historical  
measured:  
notch  
north side  
☒ high pt  
pen mark

FIELD WATER QUALITY MEASUREMENTS

Depth to NAPL

Thickness of NAPL

Time	1245	1248	1251	1254	1257	1300	1303			
Temp. (C)	17.20	16.85	16.68	16.61	16.10	16.57	16.55			
Conduct. (µmhos/cm)	0.983	1.89	2.08	2.14	2.16	2.17	2.18			
DO (mg/l)	3.79	1.87	0.07	0.00	0.00	0.00	0.00			
pH (Std. Units)	7.43	7.17	7.13	7.12	7.11	7.11	7.11			
Eh (millivolts)	-33	-35	-26	-25	-24	-25	-24			
Turb. (NTU)	725	615	540	221	65	44	38			
Flow (ml/min)	300	300	300	300	300	300	300			
Depth To Water (ft)	clear	clear	clear	clear	clear	clear	clear			

Time										
Temp. (C)										
Conduct. (µmhos/cm)										
DO (mg/l)										
pH (Std. Units)										
Eh (millivolts)										
Turb. (NTU)										
Flow (ml/min)										
Depth To Water (ft)										

Pump Type

Peristaltic Pump  
Submersible Pump  
Bladder Pump  
Other: \_\_\_\_\_

Purge

Sample

Description of Sampling Equipment (Model and S/N):

Analytical Parameter	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
VOC, TCH, HCFE	N	HCl	3X60 mL Vials	1305	MW-33D
	N	HCl		1245	FB1

Signed: \_\_\_\_\_

Rev: 1 Nov. 2005



Groundwater Low-Flow  
Sampling Data Record

Project:

LIRR CFC 107865

Project No.:

Date/Time: 1114

10/14/08

Sheet 1 of 1

TRC Personnel:

DW/AH

Well Identification: MW-32D

WELL INTEGRITY

Protect. Casing Secure  
Concrete Collar Intact  
PVC Stick-up Intact  
Well Cap Present  
Security Lock Present

YES NO  
☒ ☐  
☒ ☐  
☒ ☐  
☒ ☐  
☒ ☐

Protective  
Casing Stick-up (from ground) NA ft.

Riser Stick-up  
(from ground) NA ft.

WELL DIAMETER ☒ 2 inch  
☐ 4 inch  
☐ 6 inch

Well  
Depth \_\_\_\_\_ ft.

Water  
Depth 37.91 ft.

Depth of pump intake \_\_\_\_\_ ft.

Height of

Water Column \_\_\_\_\_ ft. x

Volume of Water in Well = \_\_\_\_\_ gallon(s)

[Vol. =  $r^2 h(0.163)$ ]

Reference Point:

☒ top of riser  
☐ top of casing

☒ .16 gal/ft (2 in.)  
☐ .65 gal/ft (4 in.)  
☐ 1.5 gal/ft (6 in.)  
☐ gal/ft (in.)

historical  
measured:  
notch  
north side  
☒ high pt  
pen mark

PID SCREENING (ppmV)

Background

Well Mouth

2 amp  
Malfunction  
(if required)

WELL MATERIAL

☒ PVC

☐ SS

Total gallons  
purged

FIELD WATER QUALITY MEASUREMENTS

Depth to NAPL NA

Thickness of NAPL NA

Time	1122	1125	1128	1131	1134	1137	1140			
Temp. (C)	19.18	18.14	18.24	18.28	18.29	18.19	18.18			
Conduct. (µmhos/cm)	0.517	0.414	0.457	0.388	0.688	0.772	0.846			
DO (mg/l)	1.57	0.99	0.60	0.16	0.00	0.00	0.00			
pH (Std. Units)	7.76	7.86	7.75	7.71	7.70	7.67	7.66			
Eh (millivolts)	117	110	113	104	104	96	86			
Turb. (NTU)	850	413	555	646	750	913	510			
Flow (ml/min)	100	100	100	100	100	100	100			
Depth To Water (ft)	cloudy	cloudy	cloudy	clear	clear	clear	clear			
Time										
Temp. (C)										
Conduct. (µmhos/cm)										
DO (mg/l)										
pH (Std. Units)										
Eh (millivolts)										
Turb. (NTU)										
Flow (ml/min)										
Depth To Water (ft)										

Pump Type

Peristaltic Pump

Submersible Pump

Bladder Pump

Other:

Purge

Sample

Description of Sampling Equipment (Model and S/N):

☐  
☐  
☒

☐  
☐  
☒

Analytical Parameter	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
VOC, TLH, 4 CFCs	N	HCl	3X60 mL Vial	1140	MW-32D
MS/MSD	N	L	6X60 mL Vial	1145	MS/MSD (MW-32D)

Signed: \_\_\_\_\_

Rev: 1 Nov. 2005



Groundwater Low-Flow  
Sampling Data Record

Project:

LIRR CFC

Project No.:

107865

Date/Time:

10/14/08 0850

Sheet 1 of 1

TRC Personnel:

DW/AH

Well Identification: MW-31D

WELL INTEGRITY

Protect. Casing Secure  
Concrete Collar Intact  
PVC Stick-up Intact  
Well Cap Present  
Security Lock Present

YES NO  
☒ ☐  
☒ ☐  
☒ ☐  
☒ ☐  
☒ ☐

Protective  
Casing Stick-up  
(from ground) NA ft.

Riser Stick-up  
(from ground) NA ft.

WELL DIAMETER ☒ 2 inch  
☐ 4 inch  
☐ 6 inch

WELL MATERIAL

☒ PVC ☐ SS ☐

Well  
Depth 135 ft.

Water  
Depth 48.18 ft.

Depth of pump intake \_\_\_\_\_ ft.

Height of

Water Column \_\_\_\_\_ ft. x

Volume of Water in Well = \_\_\_\_\_ gallon(s)

[Vol. =  $r^2 h(0.163)$ ]

Reference Point:

☐ top of riser  
☒ top of casing

historical  
measured:  
notch  
north side  
☒ high pt  
pen mark

☒ .16 gal/ft (2 in.)  
☐ .65 gal/ft (4 in.)  
☐ 1.5 gal/ft (6 in.)  
☐ gal/ft (in.)

Total gallons  
purged

FIELD WATER QUALITY MEASUREMENTS

Depth to NAPL NA

Thickness of NAPL NA

Time	0917	0919	0921	0923	0926	0929	0932	0935	0938	0941
Temp. (C)	16.99	16.72	16.80	16.56	16.63	16.70	16.71	16.66	16.57	16.86
Conduct. (umhos/cm)	0.438	0.454	0.488	0.588	0.752	0.860	1.51	1.59	1.68	1.71
DO (mg/l)	2.37	0.84	0.63	0.17	0.00	0.00	0.00	0.00	0.00	0.00
pH (Std. Units)	7.15	6.85	6.77	6.76	6.83	6.88	6.93	6.99	7.02	7.04
ORP (millivolts)	158	159	157	157	148	142	136	132	119	115
Turb. (NTU)	545	48.2	700	351	550	500	441	367	262	202
Flow (ml/min)	150	150	150	150	100	100	100	100	100	100
Depth To Water (ft)	Clear	clear	clear	cloudy	cloudy	cloudy	cloudy	cloudy	clear	clear
Time	0944	0947								
Temp. (C)	16.56	16.56								
Conduct. (umhos/cm)	1.74	1.74								
DO (mg/l)	0.00	0.00								
pH (Std. Units)	7.05	7.06								
ORP (millivolts)	105	103								
Turb. (NTU)	109	105								
Flow (ml/min)	100	100								
Depth To Water (ft)	Clear	clear								

Pump Type

Peristaltic Pump  
Submersible Pump  
Bladder Pump  
Other:

Purge

Sample

Description of Sampling Equipment (Model and S/N):

☐  
☐  
☒  
☒

Analytical Parameter	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
VOC, TCL, 4 CFCs	N	HCl	3 X 60 mL Vial	9:55	MW-31D
				10:00	DUP 1

Signed:

*[Signature]*

Rev. 1 Nov. 2005

## Sheet \_\_\_\_\_ of \_\_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

(3) For values greater than 1.

Revised 01/05

## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

TRC Raviv Job No. \_\_\_\_\_  
Company/Technical/TRC Forms and Templates/Low flow field form/Low Flow - Field Form

## Sheet \_\_\_\_\_ of \_\_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC 1537

(3) For values greater than 1

Revised 01/05

## Sheet \_\_\_\_\_ of \_\_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

(3) For values greater than 1,

TRC Raviy Job No. \_\_\_\_\_  
Company/Technical/TRC Forms and Templates/low flow field form/Low Flow - Field Form



## Sheet \_\_\_\_\_ of \_\_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

(3) For values greater than 1.

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

Sheet 1 of 1

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

(3) For values greater than 1.  
Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

(3) For values greater than 1.  
Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/0

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

Sheet 1 of 1

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

(3) For values greater than 1.

TRC Rayiv Job No. \_\_\_\_\_

## Sheet of \_\_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

values greater than 1.

Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

Sheet          of         

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

(3) For values greater than 1.  
Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

TRC Raviv Job No. \_\_\_\_\_  
Company\Technical\TRC Forms and Templates\low flow field form.xls\Low Flow - Field Form

## Sheet \_\_\_\_\_ of \_\_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05

Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.



## Sheet \_\_\_\_ of \_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

(3) For values greater than 1,

TRC Raviv Job No. \_\_\_\_\_  
Company/Technical (TRC Forms and Templates/low flow field form) Low Flow - Field Form

## Sheet of \_\_\_\_\_

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

## Sheet of

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.  
TOC = top of casing

(2) Below TOC

Revised 01/05



Groundwater Low-Flow  
Sampling Data Record

Project:

LIRR CFC

Project No.:

107865

Date/Time:

10/14/08 0850

Sheet 1 of 1

TRC Personnel:

DW/AH

Well Identification: MW-31D

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Concrete Collar Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PVC Stick-up Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Well Cap Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Security Lock Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Protective Casing Stick-up (from ground) NA ft.

Riser Stick-up (from ground) NA ft.

WELL DIAMETER ☒ 2 inch  
☐ 4 inch  
☐ 6 inch

Well Depth 135 ft.

Water Depth 48.18 ft.

Depth of pump intake \_\_\_\_\_ ft.

Reference Point:

☐ historical measured:  
☐ notch  
☐ top of riser  
☒ top of casing

☐ north side  
☒ high pt  
☐ pen mark

☒ .16 gal/ft (2 in.)  
☐ .65 gal/ft (4 in.)  
☐ 1.5 gal/ft (6 in.)  
☐ gal/ft (in.)

Height of Water Column \_\_\_\_\_ ft. x

Volume of Water in Well = \_\_\_\_\_ gallon(s)

[Vol. =  $r^2 h(0.163)$ ]

\_\_\_\_\_ Total gallons purged

PID SCREENING (ppmV)

Background	<u>0.0</u>
Well Mouth	<u>5.3</u> (if required)

WELL MATERIAL

☒ PVC ☐ SS ☐

FIELD WATER QUALITY MEASUREMENTS

Depth to NAPL NA

Thickness of NAPL NA

Time	0917	0919	0921	0923	0926	0929	0932	0935	0938	0941
Temp. (C)	16.44	16.72	16.50	16.56	16.63	16.70	16.71	16.66	16.57	16.56
Conduct. (umhos/cm)	0.438	0.454	0.488	0.588	0.752	0.860	1.51	1.59	1.68	1.71
DO (mg/l)	2.37	0.84	0.63	0.17	0.00	0.00	0.00	0.00	0.00	0.00
pH (Std. Units)	7.15	6.85	6.77	6.76	6.83	6.88	6.93	6.99	7.02	7.04
ORP (millivolts)	158	159	157	157	148	142	136	132	119	115
Turb. (NTU)	515	48.7	700	351	550	500	441	367	262	202
Flow (ml/min)	150	150	150	150	100	100	100	100	100	100
Depth To Water (ft)	Clear	clear	clear	cloudy	cloudy	cloudy	cloudy	cloudy	clear	clear
Time	0944	0947								
Temp. (C)	16.56	16.56								
Conduct. (umhos/cm)	1.74	1.74								
DO (mg/l)	0.00	0.00								
pH (Std. Units)	7.05	7.06								
ORP (millivolts)	105	103								
Turb. (NTU)	109	105								
Flow (ml/min)	100	100								
Depth To Water (ft)	Clear	clear								

Pump Type

Purge

Sample

Description of Sampling Equipment (Model and S/N):

Peristaltic Pump  
Submersible Pump  
Bladder Pump  
Other: \_\_\_\_\_

☐  
☒  
☐  
☐

☐  
☒  
☐  
☐

Analytical Parameter	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
VOX, TCL, 4 CFCs	N	HCl	3X60 mL Vial	9:55	MW-31D
	I	I	I	10:00	DUP I

Signed: [Signature]

Rev: 1 Nov. 2005

<b>TRC</b> Groundwater Low-Flow Sampling Data Record	Project:	Project No.:	Date/Time:	Sheet																		
	LIRRCFC 107865		11/14/08	1 of 1																		
TRC Personnel: DW/AT																						
Well Identification: MW-32D																						
<b>WELL INTEGRITY</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">YES</td> <td style="text-align: center;">NO</td> </tr> <tr> <td>Protect. Casing Secure</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Concrete Collar Intact</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>PVC Stick-up Intact</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Well Cap Present</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Security Lock Present</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>			YES	NO	Protect. Casing Secure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concrete Collar Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PVC Stick-up Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Well Cap Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Security Lock Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Protective Casing Stick-up (from ground) <u>NA</u> ft. Riser Stick-up (from ground) <u>NA</u> ft. WELL DIAMETER <input checked="" type="checkbox"/> 2 inch <input type="checkbox"/> 4 inch <input type="checkbox"/> 6 inch		
	YES	NO																				
Protect. Casing Secure	<input checked="" type="checkbox"/>	<input type="checkbox"/>																				
Concrete Collar Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>																				
PVC Stick-up Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>																				
Well Cap Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>																				
Security Lock Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>																				
<b>PID SCREENING (ppmV)</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Background</td> <td></td> <td rowspan="2" style="text-align: center; vertical-align: middle;">           Lamp            Multifunction            (if required)         </td> </tr> <tr> <td>Well Mouth</td> <td></td> </tr> </table>		Background		Lamp Multifunction (if required)	Well Mouth		WELL MATERIAL <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> Well Depth _____ ft. Water Depth <u>37.91</u> ft. Depth of pump intake _____ ft. Height of Water Column _____ ft. x _____ gal/ft (____ in.) Volume of Water in Well = _____ gallon(s) [Vol. = $r^2 h(0.163)$ ] _____ Total gallons purged															
Background		Lamp Multifunction (if required)																				
Well Mouth																						
<b>FIELD WATER QUALITY MEASUREMENTS</b> Depth to NAPL <u>NA</u> Thickness of NAPL <u>NA</u>																						
Time	1122	1125	1128	1131	1134	1137	1140															
Temp. (C)	19.18	18.64	18.24	18.28	18.29	18.19	18.18															
Conduct. (umhos/cm)	0.517	0.414	0.457	0.388	0.688	0.772	0.846															
DO (mg/l)	1.57	0.49	0.60	0.16	0.00	0.00	0.00															
pH (Std. Units)	7.76	7.86	7.75	7.71	7.70	7.67	7.66															
ORP (millivolts)	117	110	113	104	104	96	86															
Turb. (NTU)	850	413	555	646	750	913	510															
Flow (ml/min)	100	100	100	100	100	100	100															
Depth To Water (ft)	cloudy	cloudy	cloudy	clear	clear	clear	clear															
Time																						
Temp. (C)																						
Conduct. (umhos/cm)																						
DO (mg/l)																						
pH (Std. Units)																						
Eh (millivolts)																						
Turb. (NTU)																						
Flow (ml/min)																						
Depth To Water (ft)																						
Pump Type: <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Submersible Pump <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Other: _____ Purge: <input type="checkbox"/> Sample: <input checked="" type="checkbox"/> Description of Sampling Equipment (Model and S/N): _____																						
Analytical Parameter	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID																	
VOL, TRL, 4 CFCs	N	HCl	3X60 ml Vial	1140	MW-32D																	
MS/MSD	N	L	6X60 ml Vial	1145	MS/MSD (MW-32D)																	

Signed: \_\_\_\_\_

Rev: 1 Nov. 2005

<b style="font-size: 24pt;">TRC</b>  <b>Groundwater Low-Flow Sampling Data Record</b>	Project:	Project No.:	Date/Time:	Sheet <u>1</u> of <u>1</u>																		
	LIRR CFC 107865 10/14/06 1245																					
TRC Personnel: <u>AW-3 DW/Alt</u>																						
Well Identification: <u>MW-33D</u>																						
<b>WELL INTEGRITY</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">YES</td> <td style="text-align: center;">NO</td> </tr> <tr> <td>Protect. Casing Secure</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Concrete Collar Intact</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>PVC Stick-up Intact</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Well Cap Present</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Security Lock Present</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>			YES	NO	Protect. Casing Secure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concrete Collar Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PVC Stick-up Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Well Cap Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Security Lock Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Protective Casing Stick-up (from ground) <u>NA</u> ft. Riser Stick-up (from ground) <u>NA</u> ft. WELL DIAMETER <input checked="" type="checkbox"/> 2 inch <input type="checkbox"/> 4 inch <input type="checkbox"/> 6 inch WELL MATERIAL <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/>		
	YES	NO																				
Protect. Casing Secure	<input checked="" type="checkbox"/>	<input type="checkbox"/>																				
Concrete Collar Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>																				
PVC Stick-up Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>																				
Well Cap Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>																				
Security Lock Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>																				
PID SCREENING (ppmV) <u>Lamp Malfunction</u> Background <input type="checkbox"/> Well Mouth <input type="checkbox"/> (if required)		Reference Point: <input type="checkbox"/> historical <input type="checkbox"/> measured: <input type="checkbox"/> top of riser <input type="checkbox"/> notch <input checked="" type="checkbox"/> top of casing <input checked="" type="checkbox"/> north side <input type="checkbox"/> high pt <input type="checkbox"/> pen mark Water Depth <u>35.52</u> ft. Depth of pump intake _____ ft. Height of Water Column _____ ft. x <input checked="" type="checkbox"/> .16 gal/ft (2 in.) <input type="checkbox"/> .65 gal/ft (4 in.) <input type="checkbox"/> 1.5 gal/ft (6 in.) Volume of Water in Well = _____ gallon(s) [Vol. = r <sup>2</sup> h(0.163)] _____ Total gallons purged																				
<b>FIELD WATER QUALITY MEASUREMENTS</b>																						
	Depth to NAPL		Thickness of NAPL																			
Time	1245	1248	1251	1254	1257	1300	1303															
Temp. (C)	17.20	16.85	16.68	16.61	16.0	16.57	16.55															
Conduct. (umhos/cm)	0.983	1.89	2.08	2.14	2.16	2.17	2.18															
DO (mg/l)	3.79	1.87	0.07	0.00	0.00	0.00	0.00															
pH (Std. Units)	7.43	7.17	7.13	7.12	7.11	7.11	7.11															
Eh (millivolts)	-33	-35	-26	-25	-24	-25	-24															
Turb. (NTU)	725	615	540	221	65	44	38															
Flow (ml/min)	300	300	300	300	300	300	300															
Depth To Water (ft)	clear	clear	clear	clear	clear	clear	clear															
Time																						
Temp. (C)																						
Conduct. (umhos/cm)																						
DO (mg/l)																						
pH (Std. Units)																						
Eh (millivolts)																						
Turb. (NTU)																						
Flow (ml/min)																						
Depth To Water (ft)																						
Pump Type: Peristaltic Pump <input type="checkbox"/> Submersible Pump <input type="checkbox"/> Bladder Pump <input checked="" type="checkbox"/> Other: _____ Purge: <input type="checkbox"/> Sample: <input checked="" type="checkbox"/> Description of Sampling Equipment (Model and S/N): _____																						
Analytical Parameter	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID																	
VOC, TCL, HCFE	N	HCl	3X60 mL Vials	1305	MW-33D																	
		HCl		1245	FBZ																	

Signed: \_\_\_\_\_

Rev: 1 Nov. 2005

## **APPENDIX C**

### **Laboratory Data Packages - Soil and Groundwater**



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 10/29/2008

TRC ENVIRONMENTAL CORP - NY  
1430 BROADWAY 10TH FLOOR  
NEW YORK, NY 10018  
ATTN: J.D. PILATO

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

#### ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-20543

JOB NUMBER: CFCS

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report. Results are based on samples as submitted to the laboratory and relate only to the items collected and tested.

PROJECT LOCATION: RICHMOND HILL, QUEENS

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
DUP 1	08B41927	GRND WATER	Not Specified	8260 cfc lirr	
FB 1	08B41930	GRND WATER	Not Specified	8260 cfc lirr	
MW 31D	08B41926	GRND WATER	Not Specified	8260 cfc lirr	
MW 32 D QC	08B41928	GRND WATER	Not Specified	8260 cfc lirr	
MW 33D	08B41929	GRND WATER	Not Specified	8260 cfc lirr	
TB	08B41931	WATER OTHE	Not Specified	8260 cfc lirr	

Comments :

LIMS BATCH NO. : LIMIT-20543

In method 8260, any reported result for Acetone and 1,2-Dibromo-3-chloropropane in samples 08B41926, 08B41927, and 08B41929-08B41931 is estimated and likely to be biased on the low side based on continuing calibration bias.

In method 8260, any reported result for Chloromethane in sample 08B41928 is estimated and likely to be biased on the low side based on continuing calibration bias.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 100033	AIHA ELLAP (LEAD) 100033	NORTH CAROLINA CERT. # 652
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	FLORIDA DOH E871027 (AIR)
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Edward Denson 10/29/08

SIGNATURE

DATE

Tod Kopyscinski  
Air Laboratory Manager

Lisa Dagnoli  
General Manager

Edward Denson  
Technical Director

Daren Damboragian  
Organics Department Supervisor

\* See end of data tabulation for notes and comments pertaining to this sample



J.D. PILATO

TRC ENVIRONMENTAL CORP - NY

1430 BROADWAY 10TH FLOOR

NEW YORK, NY 10018

Purchase Order No.:

10/29/2008

Page 1 of 14

Project Location: RICHMOND HILL, QUEENS

LIMS-BAT #: LIMIT-20543

Date Received: 10/15/2008

Job Number: CFCS

Field Sample #: DUP 1

Sample ID: 08B41927

‡Sampled: 10/14/2008

Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	10/18/08	LBD	50.0		
Benzene	ug/l	ND	10/18/08	LBD	1.0		
Bromodichloromethane	ug/l	ND	10/18/08	LBD	1.0		
Bromoform	ug/l	ND	10/18/08	LBD	1.0		
Bromomethane	ug/l	ND	10/18/08	LBD	2.0		
2-Butanone (MEK)	ug/l	ND	10/18/08	LBD	20.0		
Carbon Disulfide	ug/l	ND	10/18/08	LBD	3.0		
Carbon Tetrachloride	ug/l	ND	10/18/08	LBD	1.0		
Chlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
Chlorodibromomethane	ug/l	ND	10/18/08	LBD	0.5		
Chlorodifluoromethane	ug/l	ND	10/18/08	LBD	1.0		
Chloroethane	ug/l	ND	10/18/08	LBD	2.0		
Chloroform	ug/l	3.8	10/18/08	LBD	2.0		
Chloromethane	ug/l	ND	10/18/08	LBD	2.0		
Cyclohexane	ug/l	ND	10/18/08	LBD	5.0		
1,2-Dibromo-3-Chloropropane	ug/l	ND	10/18/08	LBD	5.0		
1,2-Dibromoethane	ug/l	ND	10/18/08	LBD	0.50		
1,2-Dichlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
1,3-Dichlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
1,4-Dichlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
Dichlorodifluoromethane	ug/l	ND	10/18/08	LBD	2.0		
1,1-Dichloroethane	ug/l	ND	10/18/08	LBD	1.0		
1,2-Dichloroethane	ug/l	ND	10/18/08	LBD	1.0		
1,1-Dichloroethylene	ug/l	ND	10/18/08	LBD	1.0		
cis-1,2-Dichloroethylene	ug/l	5.6	10/18/08	LBD	1.0		
trans-1,2-Dichloroethylene	ug/l	ND	10/18/08	LBD	1.0		
Dichlorofluoromethane	ug/l	ND	10/18/08	LBD	1.00		
1,2-Dichloropropane	ug/l	ND	10/18/08	LBD	1.0		
cis-1,3-Dichloropropene	ug/l	ND	10/18/08	LBD	1.0		

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

\* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

J.D. PILATO

TRC ENVIRONMENTAL CORP - NY

1430 BROADWAY 10TH FLOOR

NEW YORK, NY 10018

Purchase Order No.:

10/29/2008

Page 2 of 14

Project Location: RICHMOND HILL, QUEENS

LIMS-BAT #: LIMIT-20543

Date Received: 10/15/2008

Job Number: CFCS

Field Sample #: DUP 1

Sample ID: 08B41927

‡Sampled: 10/14/2008

Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
trans-1,3-Dichloropropene	ug/l	ND	10/18/08	LBD	1.0		
Ethyl Benzene	ug/l	ND	10/18/08	LBD	1.0		
2-Hexanone	ug/l	ND	10/18/08	LBD	10.0		
Isopropylbenzene	ug/l	ND	10/18/08	LBD	1.0		
Methyl Acetate	ug/l	ND	10/18/08	LBD	1.0		
Methylcyclohexane	ug/l	ND	10/18/08	LBD	1.0		
MTBE	ug/l	11.2	10/18/08	LBD	1.0		
Methylene Chloride	ug/l	ND	10/18/08	LBD	5.0		
MIBK	ug/l	ND	10/18/08	LBD	10.0		
Styrene	ug/l	ND	10/18/08	LBD	1.0		
1,1,2,2-Tetrachloroethane	ug/l	ND	10/18/08	LBD	0.5		
Tetrachloroethylene	ug/l	10.5	10/18/08	LBD	1.0		
Toluene	ug/l	ND	10/18/08	LBD	1.0		
1,2,4-Trichlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
1,1,1-Trichloroethane	ug/l	ND	10/18/08	LBD	1.0		
1,1,2-Trichloroethane	ug/l	ND	10/18/08	LBD	1.0		
Trichloroethylene	ug/l	22.1	10/18/08	LBD	1.0		
Trichlorofluoromethane	ug/l	ND	10/18/08	LBD	2.0		
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	10/18/08	LBD	1.0		
Vinyl Chloride	ug/l	10.1	10/18/08	LBD	2.0		
m + p Xylene	ug/l	ND	10/18/08	LBD	2.0		
o-Xylene	ug/l	ND	10/18/08	LBD	1.0		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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J.D. PILATO

TRC ENVIRONMENTAL CORP - NY

1430 BROADWAY 10TH FLOOR

NEW YORK, NY 10018

Purchase Order No.:

10/29/2008

Page 3 of 14

Project Location: RICHMOND HILL, QUEENS

LIMS-BAT #: LIMIT-20543

Date Received: 10/15/2008

Job Number: CFCS

Field Sample #: FB 1

Sample ID: 08B41930

‡Sampled: 10/14/2008

Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	10/17/08	LBD	50.0		
Benzene	ug/l	ND	10/17/08	LBD	1.0		
Bromodichloromethane	ug/l	ND	10/17/08	LBD	1.0		
Bromoform	ug/l	ND	10/17/08	LBD	1.0		
Bromomethane	ug/l	ND	10/17/08	LBD	2.0		
2-Butanone (MEK)	ug/l	ND	10/17/08	LBD	20.0		
Carbon Disulfide	ug/l	ND	10/17/08	LBD	3.0		
Carbon Tetrachloride	ug/l	ND	10/17/08	LBD	1.0		
Chlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
Chlorodibromomethane	ug/l	ND	10/17/08	LBD	0.5		
Chlorodifluoromethane	ug/l	ND	10/17/08	LBD	1.0		
Chloroethane	ug/l	ND	10/17/08	LBD	2.0		
Chloroform	ug/l	ND	10/17/08	LBD	2.0		
Chloromethane	ug/l	ND	10/17/08	LBD	2.0		
Cyclohexane	ug/l	ND	10/17/08	LBD	5.0		
1,2-Dibromo-3-Chloropropane	ug/l	ND	10/17/08	LBD	5.0		
1,2-Dibromoethane	ug/l	ND	10/17/08	LBD	0.50		
1,2-Dichlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
1,3-Dichlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
1,4-Dichlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
Dichlorodifluoromethane	ug/l	ND	10/17/08	LBD	2.0		
1,1-Dichloroethane	ug/l	ND	10/17/08	LBD	1.0		
1,2-Dichloroethane	ug/l	ND	10/17/08	LBD	1.0		
1,1-Dichloroethylene	ug/l	ND	10/17/08	LBD	1.0		
cis-1,2-Dichloroethylene	ug/l	ND	10/17/08	LBD	1.0		
trans-1,2-Dichloroethylene	ug/l	ND	10/17/08	LBD	1.0		
Dichlorofluoromethane	ug/l	ND	10/17/08	LBD	1.00		
1,2-Dichloropropane	ug/l	ND	10/17/08	LBD	1.0		
cis-1,3-Dichloropropene	ug/l	ND	10/17/08	LBD	1.0		

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J.D. PILATO

TRC ENVIRONMENTAL CORP - NY

1430 BROADWAY 10TH FLOOR

NEW YORK, NY 10018

Purchase Order No.:

10/29/2008

Page 4 of 14

Project Location: RICHMOND HILL, QUEENS

LIMS-BAT #: LIMIT-20543

Date Received: 10/15/2008

Job Number: CFCS

Field Sample #: FB 1

Sample ID: 08B41930

‡Sampled: 10/14/2008

Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
trans-1,3-Dichloropropene	ug/l	ND	10/17/08	LBD	1.0		
Ethyl Benzene	ug/l	ND	10/17/08	LBD	1.0		
2-Hexanone	ug/l	ND	10/17/08	LBD	10.0		
Isopropylbenzene	ug/l	ND	10/17/08	LBD	1.0		
Methyl Acetate	ug/l	ND	10/17/08	LBD	1.0		
Methylcyclohexane	ug/l	ND	10/17/08	LBD	1.0		
MTBE	ug/l	ND	10/17/08	LBD	1.0		
Methylene Chloride	ug/l	ND	10/17/08	LBD	5.0		
MIBK	ug/l	ND	10/17/08	LBD	10.0		
Styrene	ug/l	ND	10/17/08	LBD	1.0		
1,1,2,2-Tetrachloroethane	ug/l	ND	10/17/08	LBD	0.5		
Tetrachloroethylene	ug/l	ND	10/17/08	LBD	1.0		
Toluene	ug/l	ND	10/17/08	LBD	1.0		
1,2,4-Trichlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
1,1,1-Trichloroethane	ug/l	ND	10/17/08	LBD	1.0		
1,1,2-Trichloroethane	ug/l	ND	10/17/08	LBD	1.0		
Trichloroethylene	ug/l	ND	10/17/08	LBD	1.0		
Trichlorofluoromethane	ug/l	ND	10/17/08	LBD	2.0		
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	10/17/08	LBD	1.0		
Vinyl Chloride	ug/l	ND	10/17/08	LBD	2.0		
m + p Xylene	ug/l	ND	10/17/08	LBD	2.0		
o-Xylene	ug/l	ND	10/17/08	LBD	1.0		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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J.D. PILATO  
TRC ENVIRONMENTAL CORP - NY  
1430 BROADWAY 10TH FLOOR  
NEW YORK, NY 10018

10/29/2008  
Page 5 of 14

Purchase Order No.:

Project Location: RICHMOND HILL, QUEENS  
Date Received: 10/15/2008

LIMS-BAT #: LIMIT-20543  
Job Number: CFCS

Field Sample #: MW 31D

Sample ID: 08B41926

‡Sampled: 10/14/2008  
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	10/17/08	LBD	50.0		
Benzene	ug/l	ND	10/17/08	LBD	1.0		
Bromodichloromethane	ug/l	ND	10/17/08	LBD	1.0		
Bromoform	ug/l	ND	10/17/08	LBD	1.0		
Bromomethane	ug/l	ND	10/17/08	LBD	2.0		
2-Butanone (MEK)	ug/l	ND	10/17/08	LBD	20.0		
Carbon Disulfide	ug/l	ND	10/17/08	LBD	3.0		
Carbon Tetrachloride	ug/l	ND	10/17/08	LBD	1.0		
Chlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
Chlorodibromomethane	ug/l	ND	10/17/08	LBD	0.5		
Chlorodifluoromethane	ug/l	ND	10/17/08	LBD	1.0		
Chloroethane	ug/l	ND	10/17/08	LBD	2.0		
Chloroform	ug/l	ND	10/17/08	LBD	2.0		
Chloromethane	ug/l	ND	10/17/08	LBD	2.0		
Cyclohexane	ug/l	ND	10/17/08	LBD	5.0		
1,2-Dibromo-3-Chloropropane	ug/l	ND	10/17/08	LBD	5.0		
1,2-Dibromoethane	ug/l	ND	10/17/08	LBD	0.50		
1,2-Dichlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
1,3-Dichlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
1,4-Dichlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
Dichlorodifluoromethane	ug/l	ND	10/17/08	LBD	2.0		
1,1-Dichloroethane	ug/l	ND	10/17/08	LBD	1.0		
1,2-Dichloroethane	ug/l	ND	10/17/08	LBD	1.0		
1,1-Dichloroethylene	ug/l	ND	10/17/08	LBD	1.0		
cis-1,2-Dichloroethylene	ug/l	4.1	10/17/08	LBD	1.0		
trans-1,2-Dichloroethylene	ug/l	ND	10/17/08	LBD	1.0		
Dichlorofluoromethane	ug/l	ND	10/17/08	LBD	1.00		
1,2-Dichloropropane	ug/l	ND	10/17/08	LBD	1.0		
cis-1,3-Dichloropropene	ug/l	ND	10/17/08	LBD	1.0		

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1430 BROADWAY 10TH FLOOR

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10/29/2008

Page 6 of 14

Project Location: RICHMOND HILL, QUEENS

LIMS-BAT #: LIMIT-20543

Date Received: 10/15/2008

Job Number: CFCS

Field Sample #: MW 31D

Sample ID: 08B41926

‡Sampled: 10/14/2008

Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
trans-1,3-Dichloropropene	ug/l	ND	10/17/08	LBD	1.0		
Ethyl Benzene	ug/l	ND	10/17/08	LBD	1.0		
2-Hexanone	ug/l	ND	10/17/08	LBD	10.0		
Isopropylbenzene	ug/l	ND	10/17/08	LBD	1.0		
Methyl Acetate	ug/l	ND	10/17/08	LBD	1.0		
Methylcyclohexane	ug/l	ND	10/17/08	LBD	1.0		
MTBE	ug/l	15.8	10/17/08	LBD	1.0		
Methylene Chloride	ug/l	ND	10/17/08	LBD	5.0		
MIBK	ug/l	ND	10/17/08	LBD	10.0		
Styrene	ug/l	ND	10/17/08	LBD	1.0		
1,1,2,2-Tetrachloroethane	ug/l	ND	10/17/08	LBD	0.5		
Tetrachloroethylene	ug/l	14.4	10/17/08	LBD	1.0		
Toluene	ug/l	ND	10/17/08	LBD	1.0		
1,2,4-Trichlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
1,1,1-Trichloroethane	ug/l	ND	10/17/08	LBD	1.0		
1,1,2-Trichloroethane	ug/l	ND	10/17/08	LBD	1.0		
Trichloroethylene	ug/l	27.2	10/17/08	LBD	1.0		
Trichlorofluoromethane	ug/l	ND	10/17/08	LBD	2.0		
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	10/17/08	LBD	1.0		
Vinyl Chloride	ug/l	13.4	10/17/08	LBD	2.0		
m + p Xylene	ug/l	ND	10/17/08	LBD	2.0		
o-Xylene	ug/l	ND	10/17/08	LBD	1.0		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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J.D. PILATO  
TRC ENVIRONMENTAL CORP - NY  
1430 BROADWAY 10TH FLOOR  
NEW YORK, NY 10018

10/29/2008  
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Purchase Order No.:

Project Location: RICHMOND HILL, QUEENS  
Date Received: 10/15/2008

LIMS-BAT #: LIMIT-20543  
Job Number: CFCS

Field Sample #: MW 32 D QC

Sample ID: \*08B41928      ‡Sampled: 10/14/2008  
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	10/18/08	LBD	50.0		
Benzene	ug/l	ND	10/18/08	LBD	1.0		
Bromodichloromethane	ug/l	ND	10/18/08	LBD	1.0		
Bromoform	ug/l	ND	10/18/08	LBD	1.0		
Bromomethane	ug/l	ND	10/18/08	LBD	2.0		
2-Butanone (MEK)	ug/l	ND	10/18/08	LBD	20.0		
Carbon Disulfide	ug/l	ND	10/18/08	LBD	3.0		
Carbon Tetrachloride	ug/l	ND	10/18/08	LBD	1.0		
Chlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
Chlorodibromomethane	ug/l	ND	10/18/08	LBD	0.5		
Chlorodifluoromethane	ug/l	ND	10/18/08	LBD	1.0		
Chloroethane	ug/l	ND	10/18/08	LBD	2.0		
Chloroform	ug/l	2.6	10/18/08	LBD	2.0		
Chloromethane	ug/l	ND	10/18/08	LBD	2.0		
Cyclohexane	ug/l	ND	10/18/08	LBD	5.0		
1,2-Dibromo-3-Chloropropane	ug/l	ND	10/18/08	LBD	5.0		
1,2-Dibromoethane	ug/l	ND	10/18/08	LBD	0.50		
1,2-Dichlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
1,3-Dichlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
1,4-Dichlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
Dichlorodifluoromethane	ug/l	9.2	10/18/08	LBD	2.0		
1,1-Dichloroethane	ug/l	ND	10/18/08	LBD	1.0		
1,2-Dichloroethane	ug/l	ND	10/18/08	LBD	1.0		
1,1-Dichloroethylene	ug/l	ND	10/18/08	LBD	1.0		
cis-1,2-Dichloroethylene	ug/l	1.4	10/18/08	LBD	1.0		
trans-1,2-Dichloroethylene	ug/l	ND	10/18/08	LBD	1.0		
Dichlorofluoromethane	ug/l	ND	10/18/08	LBD	1.00		
1,2-Dichloropropane	ug/l	ND	10/18/08	LBD	1.0		
cis-1,3-Dichloropropene	ug/l	ND	10/18/08	LBD	1.0		

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J.D. PILATO

TRC ENVIRONMENTAL CORP - NY

1430 BROADWAY 10TH FLOOR

NEW YORK, NY 10018

Purchase Order No.:

10/29/2008

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Project Location: RICHMOND HILL, QUEENS

LIMS-BAT #: LIMIT-20543

Date Received: 10/15/2008

Job Number: CFCS

Field Sample #: MW 32 D QC

Sample ID: \*08B41928

‡Sampled: 10/14/2008

Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
trans-1,3-Dichloropropene	ug/l	ND	10/18/08	LBD	1.0		
Ethyl Benzene	ug/l	ND	10/18/08	LBD	1.0		
2-Hexanone	ug/l	ND	10/18/08	LBD	10.0		
Isopropylbenzene	ug/l	ND	10/18/08	LBD	1.0		
Methyl Acetate	ug/l	ND	10/18/08	LBD	1.0		
Methylcyclohexane	ug/l	ND	10/18/08	LBD	1.0		
MTBE	ug/l	11.0	10/18/08	LBD	1.0		
Methylene Chloride	ug/l	ND	10/18/08	LBD	5.0		
MIBK	ug/l	ND	10/18/08	LBD	10.0		
Styrene	ug/l	ND	10/18/08	LBD	1.0		
1,1,2,2-Tetrachloroethane	ug/l	ND	10/18/08	LBD	0.5		
Tetrachloroethylene	ug/l	11.8	10/18/08	LBD	1.0		
Toluene	ug/l	ND	10/18/08	LBD	1.0		
1,2,4-Trichlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
1,1,1-Trichloroethane	ug/l	ND	10/18/08	LBD	1.0		
1,1,2-Trichloroethane	ug/l	ND	10/18/08	LBD	1.0		
Trichloroethylene	ug/l	138	10/18/08	LBD	1.0		
Trichlorofluoromethane	ug/l	ND	10/18/08	LBD	2.0		
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	10/18/08	LBD	1.0		
Vinyl Chloride	ug/l	ND	10/18/08	LBD	2.0		
m + p Xylene	ug/l	ND	10/18/08	LBD	2.0		
o-Xylene	ug/l	ND	10/18/08	LBD	1.0		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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J.D. PILATO

TRC ENVIRONMENTAL CORP - NY

1430 BROADWAY 10TH FLOOR

NEW YORK, NY 10018

Purchase Order No.:

10/29/2008

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Project Location: RICHMOND HILL, QUEENS

LIMS-BAT #: LIMIT-20543

Date Received: 10/15/2008

Job Number: CFCS

Field Sample #: MW 33D

Sample ID: 08B41929

‡Sampled: 10/14/2008

Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	10/18/08	LBD	50.0		
Benzene	ug/l	ND	10/18/08	LBD	1.0		
Bromodichloromethane	ug/l	ND	10/18/08	LBD	1.0		
Bromoform	ug/l	ND	10/18/08	LBD	1.0		
Bromomethane	ug/l	ND	10/18/08	LBD	2.0		
2-Butanone (MEK)	ug/l	ND	10/18/08	LBD	20.0		
Carbon Disulfide	ug/l	ND	10/18/08	LBD	3.0		
Carbon Tetrachloride	ug/l	1.1	10/18/08	LBD	1.0		
Chlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
Chlorodibromomethane	ug/l	ND	10/18/08	LBD	0.5		
Chlorodifluoromethane	ug/l	ND	10/18/08	LBD	1.0		
Chloroethane	ug/l	ND	10/18/08	LBD	2.0		
Chloroform	ug/l	ND	10/18/08	LBD	2.0		
Chloromethane	ug/l	ND	10/18/08	LBD	2.0		
Cyclohexane	ug/l	ND	10/18/08	LBD	5.0		
1,2-Dibromo-3-Chloropropane	ug/l	ND	10/18/08	LBD	5.0		
1,2-Dibromoethane	ug/l	ND	10/18/08	LBD	0.50		
1,2-Dichlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
1,3-Dichlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
1,4-Dichlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
Dichlorodifluoromethane	ug/l	40.8	10/18/08	LBD	2.0		
1,1-Dichloroethane	ug/l	1.1	10/18/08	LBD	1.0		
1,2-Dichloroethane	ug/l	ND	10/18/08	LBD	1.0		
1,1-Dichloroethylene	ug/l	3.3	10/18/08	LBD	1.0		
cis-1,2-Dichloroethylene	ug/l	26.7	10/18/08	LBD	1.0		
trans-1,2-Dichloroethylene	ug/l	ND	10/18/08	LBD	1.0		
Dichlorofluoromethane	ug/l	ND	10/18/08	LBD	1.00		
1,2-Dichloropropane	ug/l	ND	10/18/08	LBD	1.0		
cis-1,3-Dichloropropene	ug/l	ND	10/18/08	LBD	1.0		

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J.D. PILATO

TRC ENVIRONMENTAL CORP - NY

1430 BROADWAY 10TH FLOOR

NEW YORK, NY 10018

Purchase Order No.:

10/29/2008

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Project Location: RICHMOND HILL, QUEENS

LIMS-BAT #: LIMIT-20543

Date Received: 10/15/2008

Job Number: CFCS

Field Sample #: MW 33D

Sample ID: 08B41929

‡Sampled: 10/14/2008

Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
trans-1,3-Dichloropropene	ug/l	ND	10/18/08	LBD	1.0		
Ethyl Benzene	ug/l	ND	10/18/08	LBD	1.0		
2-Hexanone	ug/l	ND	10/18/08	LBD	10.0		
Isopropylbenzene	ug/l	ND	10/18/08	LBD	1.0		
Methyl Acetate	ug/l	ND	10/18/08	LBD	1.0		
Methylcyclohexane	ug/l	ND	10/18/08	LBD	1.0		
MTBE	ug/l	45.8	10/18/08	LBD	1.0		
Methylene Chloride	ug/l	ND	10/18/08	LBD	5.0		
MIBK	ug/l	ND	10/18/08	LBD	10.0		
Styrene	ug/l	ND	10/18/08	LBD	1.0		
1,1,2,2-Tetrachloroethane	ug/l	ND	10/18/08	LBD	0.5		
Tetrachloroethylene	ug/l	198	10/18/08	LBD	1.0		
Toluene	ug/l	ND	10/18/08	LBD	1.0		
1,2,4-Trichlorobenzene	ug/l	ND	10/18/08	LBD	1.0		
1,1,1-Trichloroethane	ug/l	ND	10/18/08	LBD	1.0		
1,1,2-Trichloroethane	ug/l	ND	10/18/08	LBD	1.0		
Trichloroethylene	ug/l	1810	10/18/08	LBD	1.0		
Trichlorofluoromethane	ug/l	ND	10/18/08	LBD	2.0		
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	10/18/08	LBD	1.0		
Vinyl Chloride	ug/l	ND	10/18/08	LBD	2.0		
m + p Xylene	ug/l	ND	10/18/08	LBD	2.0		
o-Xylene	ug/l	ND	10/18/08	LBD	1.0		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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J.D. PILATO

TRC ENVIRONMENTAL CORP - NY

1430 BROADWAY 10TH FLOOR

NEW YORK, NY 10018

Purchase Order No.:

10/29/2008

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Project Location: RICHMOND HILL, QUEENS

LIMS-BAT #: LIMIT-20543

Date Received: 10/15/2008

Job Number: CFCS

Field Sample #: TB

Sample ID: 08B41931

‡Sampled: 10/14/2008

Not Specified

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	10/17/08	LBD	50.0		
Benzene	ug/l	ND	10/17/08	LBD	1.0		
Bromodichloromethane	ug/l	ND	10/17/08	LBD	1.0		
Bromoform	ug/l	ND	10/17/08	LBD	1.0		
Bromomethane	ug/l	ND	10/17/08	LBD	2.0		
2-Butanone (MEK)	ug/l	ND	10/17/08	LBD	20.0		
Carbon Disulfide	ug/l	ND	10/17/08	LBD	3.0		
Carbon Tetrachloride	ug/l	ND	10/17/08	LBD	1.0		
Chlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
Chlorodibromomethane	ug/l	ND	10/17/08	LBD	0.5		
Chlorodifluoromethane	ug/l	ND	10/17/08	LBD	1.0		
Chloroethane	ug/l	ND	10/17/08	LBD	2.0		
Chloroform	ug/l	ND	10/17/08	LBD	2.0		
Chloromethane	ug/l	ND	10/17/08	LBD	2.0		
Cyclohexane	ug/l	ND	10/17/08	LBD	5.0		
1,2-Dibromo-3-Chloropropane	ug/l	ND	10/17/08	LBD	5.0		
1,2-Dibromoethane	ug/l	ND	10/17/08	LBD	0.50		
1,2-Dichlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
1,3-Dichlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
1,4-Dichlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
Dichlorodifluoromethane	ug/l	ND	10/17/08	LBD	2.0		
1,1-Dichloroethane	ug/l	ND	10/17/08	LBD	1.0		
1,2-Dichloroethane	ug/l	ND	10/17/08	LBD	1.0		
1,1-Dichloroethylene	ug/l	ND	10/17/08	LBD	1.0		
cis-1,2-Dichloroethylene	ug/l	ND	10/17/08	LBD	1.0		
trans-1,2-Dichloroethylene	ug/l	ND	10/17/08	LBD	1.0		
Dichlorofluoromethane	ug/l	ND	10/17/08	LBD	1.00		
1,2-Dichloropropane	ug/l	ND	10/17/08	LBD	1.0		
cis-1,3-Dichloropropene	ug/l	ND	10/17/08	LBD	1.0		

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J.D. PILATO

TRC ENVIRONMENTAL CORP - NY

1430 BROADWAY 10TH FLOOR

NEW YORK, NY 10018

Purchase Order No.:

10/29/2008

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Project Location: RICHMOND HILL, QUEENS

LIMS-BAT #: LIMIT-20543

Date Received: 10/15/2008

Job Number: CFCS

Field Sample #: TB

Sample ID: 08B41931

‡Sampled: 10/14/2008

Not Specified

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
trans-1,3-Dichloropropene	ug/l	ND	10/17/08	LBD	1.0		
Ethyl Benzene	ug/l	ND	10/17/08	LBD	1.0		
2-Hexanone	ug/l	ND	10/17/08	LBD	10.0		
Isopropylbenzene	ug/l	ND	10/17/08	LBD	1.0		
Methyl Acetate	ug/l	ND	10/17/08	LBD	1.0		
Methylcyclohexane	ug/l	ND	10/17/08	LBD	1.0		
MTBE	ug/l	ND	10/17/08	LBD	1.0		
Methylene Chloride	ug/l	ND	10/17/08	LBD	5.0		
MIBK	ug/l	ND	10/17/08	LBD	10.0		
Styrene	ug/l	ND	10/17/08	LBD	1.0		
1,1,2,2-Tetrachloroethane	ug/l	ND	10/17/08	LBD	0.5		
Tetrachloroethylene	ug/l	ND	10/17/08	LBD	1.0		
Toluene	ug/l	ND	10/17/08	LBD	1.0		
1,2,4-Trichlorobenzene	ug/l	ND	10/17/08	LBD	1.0		
1,1,1-Trichloroethane	ug/l	ND	10/17/08	LBD	1.0		
1,1,2-Trichloroethane	ug/l	ND	10/17/08	LBD	1.0		
Trichloroethylene	ug/l	ND	10/17/08	LBD	1.0		
Trichlorofluoromethane	ug/l	ND	10/17/08	LBD	2.0		
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	10/17/08	LBD	1.0		
Vinyl Chloride	ug/l	ND	10/17/08	LBD	2.0		
m + p Xylene	ug/l	ND	10/17/08	LBD	2.0		
o-Xylene	ug/l	ND	10/17/08	LBD	1.0		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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J.D. PILATO

TRC ENVIRONMENTAL CORP - NY

1430 BROADWAY 10TH FLOOR

NEW YORK, NY 10018

Purchase Order No.:

10/29/2008

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Project Location: RICHMOND HILL, QUEENS

Date Received: 10/15/2008

LIMS-BAT #: LIMT-20543

Job Number: CFCS

The following notes were attached to the reported analysis :

Sample ID: \* 08B41928

Analysis: Bromomethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

Sample ID: \* 08B41928

Analysis: Chlorodifluoromethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

Sample ID: \* 08B41928

Analysis: Chloromethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

Sample ID: \* 08B41928

Analysis: Dichlorodifluoromethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

Sample ID: \* 08B41928

Analysis: Methylcyclohexane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

Sample ID: \* 08B41928

Analysis: 1,2,4-Trichlorobenzene

MATRIX SPIKE DUPLICATE RPD IS OUTSIDE OF CONTROL LIMITS. REDUCED PRECISION  
IS ANTICIPATED FOR REPORTED RESULT FOR THIS COMPOUND IN THIS SAMPLE.

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J.D. PILATO

TRC ENVIRONMENTAL CORP - NY

1430 BROADWAY 10TH FLOOR

NEW YORK, NY 10018

Purchase Order No.:

10/29/2008

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Project Location: RICHMOND HILL, QUEENS

Date Received: 10/15/2008

LIMS-BAT #: LIMT-20543

Job Number: CFCS

Sample ID: \* 08B41928

Analysis: Trichloroethylene

MATRIX SPIKE RECOVERY OUTSIDE OF CONTROL LIMITS. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO A HIGH BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED AND IS LIKELY.

Sample ID: \* 08B41928

Analysis: Vinyl Chloride

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

\*\* END OF REPORT \*\*

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

\* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B41926	1,2-Dichloroethane-d4	Surrogate Recovery	101.7	%	70-130
	Toluene-d8	Surrogate Recovery	95.4	%	70-130
	Bromofluorobenzene	Surrogate Recovery	90.0	%	70-130
08B41927	1,2-Dichloroethane-d4	Surrogate Recovery	99.9	%	70-130
	Toluene-d8	Surrogate Recovery	97.2	%	70-130
	Bromofluorobenzene	Surrogate Recovery	91.2	%	70-130
08B41929	1,2-Dichloroethane-d4	Surrogate Recovery	103.0	%	70-130
	Toluene-d8	Surrogate Recovery	95.0	%	70-130
	Bromofluorobenzene	Surrogate Recovery	90.0	%	70-130
08B41930	1,2-Dichloroethane-d4	Surrogate Recovery	101.5	%	70-130
	Toluene-d8	Surrogate Recovery	96.7	%	70-130
	Bromofluorobenzene	Surrogate Recovery	90.4	%	70-130
08B41931	1,2-Dichloroethane-d4	Surrogate Recovery	98.9	%	70-130
	Toluene-d8	Surrogate Recovery	98.5	%	70-130
	Bromofluorobenzene	Surrogate Recovery	92.5	%	70-130
BLANK-125416	Acetone	Blank	<50.0	ug/l	
	Benzene	Blank	<1.0	ug/l	
	Carbon Tetrachloride	Blank	<1.0	ug/l	
	Chloroform	Blank	<2.0	ug/l	
	1,2-Dichloroethane	Blank	<1.0	ug/l	
	1,4-Dichlorobenzene	Blank	<1.0	ug/l	
	Ethyl Benzene	Blank	<1.0	ug/l	
	2-Butanone (MEK)	Blank	<20.0	ug/l	
	MIBK	Blank	<10.0	ug/l	
	Styrene	Blank	<1.0	ug/l	
	Tetrachloroethylene	Blank	<1.0	ug/l	
	Toluene	Blank	<1.0	ug/l	
	1,1,1-Trichloroethane	Blank	<1.0	ug/l	
	Trichloroethylene	Blank	<1.0	ug/l	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<1.0	ug/l	
	Trichlorofluoromethane	Blank	<2.0	ug/l	
	o-Xylene	Blank	<1.0	ug/l	
	m + p Xylene	Blank	<2.0	ug/l	
	Chlorodifluoromethane	Blank	<1.0	ug/l	
	1,2-Dichlorobenzene	Blank	<1.0	ug/l	
	1,3-Dichlorobenzene	Blank	<1.0	ug/l	
	1,1-Dichloroethane	Blank	<1.0	ug/l	
	1,1-Dichloroethylene	Blank	<1.0	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-125416					
	MTBE	Blank	<1.0	ug/l	
	trans-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	Vinyl Chloride	Blank	<2.0	ug/l	
	Methylene Chloride	Blank	<5.0	ug/l	
	Chlorobenzene	Blank	<1.0	ug/l	
	Chloromethane	Blank	<2.0	ug/l	
	Bromomethane	Blank	<2.0	ug/l	
	Chloroethane	Blank	<2.0	ug/l	
	cis-1,3-Dichloropropene	Blank	<1.0	ug/l	
	trans-1,3-Dichloropropene	Blank	<1.0	ug/l	
	Chlorodibromomethane	Blank	<0.5	ug/l	
	1,1,2-Trichloroethane	Blank	<1.0	ug/l	
	Bromoform	Blank	<1.0	ug/l	
	1,1,2,2-Tetrachloroethane	Blank	<0.5	ug/l	
	Isopropylbenzene	Blank	<1.0	ug/l	
	1,2,4-Trichlorobenzene	Blank	<1.0	ug/l	
	cis-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	1,2-Dichloropropane	Blank	<1.0	ug/l	
	Dichlorodifluoromethane	Blank	<2.0	ug/l	
	Carbon Disulfide	Blank	<3.0	ug/l	
	2-Hexanone	Blank	<10.0	ug/l	
	Bromodichloromethane	Blank	<1.0	ug/l	
	1,2-Dibromo-3-Chloropropane	Blank	<5.0	ug/l	
	1,2-Dibromoethane	Blank	<0.50	ug/l	
	Methyl Acetate	Blank	<1.0	ug/l	
	Methylcyclohexane	Blank	<1.0	ug/l	
	Dichlorofluoromethane	Blank	<1.00	ug/l	
BLANK-125781					
	Cyclohexane	Blank	<5.0	ug/l	
LFBLANK-87246					
	Acetone	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	85.4	ug/l	
		Lab Fort Blk. % Rec.	85.4	%	70-160
	Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.8	ug/l	
		Lab Fort Blk. % Rec.	88.9	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.2	%	70-130
	Chloroform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.1	ug/l	
		Lab Fort Blk. % Rec.	91.8	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-87246	1,2-Dichloroethane	Lab Fort Blk. Found	9.5	ug/l	70-130
		Lab Fort Blk. % Rec.	95.6	%	
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	9.9	ug/l	
	Ethyl Benzene	Lab Fort Blk. % Rec.	99.3	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.0	ug/l	70-130
		Lab Fort Blk. % Rec.	100.5	%	
	2-Butanone (MEK)	Lab Fort Blank Amt.	100.0	ug/l	40-160
		Lab Fort Blk. Found	86.4	ug/l	
		Lab Fort Blk. % Rec.	86.4	%	70-160
		Lab Fort Blank Amt.	100.0	ug/l	
	MIBK	Lab Fort Blk. Found	89.2	ug/l	70-160
		Lab Fort Blk. % Rec.	89.2	%	
	Styrene	Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.5	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
	Tetrachloroethylene	Lab Fort Blk. Found	10.5	ug/l	70-160
		Lab Fort Blk. % Rec.	105.0	%	
	Toluene	Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	9.7	ug/l	
		Lab Fort Blk. % Rec.	97.0	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
	1,1,1-Trichloroethane	Lab Fort Blk. Found	9.4	ug/l	70-130
		Lab Fort Blk. % Rec.	94.4	%	
	Trichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.3	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Lab Fort Blk. Found	9.9	ug/l	70-130
		Lab Fort Blk. % Rec.	99.7	%	
	Trichlorofluoromethane	Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	8.6	ug/l	
		Lab Fort Blk. % Rec.	86.9	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
	o-Xylene	Lab Fort Blk. Found	10.5	ug/l	70-130
		Lab Fort Blk. % Rec.	105.0	%	
	m + p Xylene	Lab Fort Blank Amt.	20.0	ug/l	70-130
		Lab Fort Blk. Found	20.6	ug/l	
		Lab Fort Blk. % Rec.	103.2	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
	Chlorodifluoromethane	Lab Fort Blk. Found	6.7	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-87246					
	Chlorodifluoromethane	Lab Fort Blk. % Rec.	67.0	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.5	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.8	ug/l	
		Lab Fort Blk. % Rec.	108.2	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.2	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.4	ug/l	
		Lab Fort Blk. % Rec.	84.5	%	70-130
	MTBE	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.2	ug/l	
		Lab Fort Blk. % Rec.	92.1	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.3	ug/l	
		Lab Fort Blk. % Rec.	83.6	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	5.8	ug/l	
		Lab Fort Blk. % Rec.	58.5	%	40-160
	Methylene Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.7	ug/l	
		Lab Fort Blk. % Rec.	77.5	%	70-130
	Chlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.2	ug/l	
		Lab Fort Blk. % Rec.	102.7	%	70-130
	Chloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	5.7	ug/l	
		Lab Fort Blk. % Rec.	57.1	%	40-160
	Bromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	4.4	ug/l	
		Lab Fort Blk. % Rec.	44.7	%	40-160
	Chloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.3	ug/l	
		Lab Fort Blk. % Rec.	83.4	%	70-130
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.5	ug/l	
		Lab Fort Blk. % Rec.	85.8	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.7	ug/l	
		Lab Fort Blk. % Rec.	87.4	%	70-130

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-87246					
	Chlorodibromomethane	Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	8.7	ug/l	
		Lab Fort Blk. % Rec.	87.9	%	
1,1,2-Trichloroethane		Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	9.8	ug/l	
		Lab Fort Blk. % Rec.	98.6	%	
Bromoform		Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.3	%	
1,1,2,2-Tetrachloroethane		Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.8	%	
Isopropylbenzene		Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	10.0	ug/l	
		Lab Fort Blk. % Rec.	100.8	%	
1,2,4-Trichlorobenzene		Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	8.4	ug/l	
		Lab Fort Blk. % Rec.	84.6	%	
cis-1,2-Dichloroethylene		Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	8.6	ug/l	
		Lab Fort Blk. % Rec.	86.2	%	
1,2-Dichloropropane		Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	9.8	ug/l	
		Lab Fort Blk. % Rec.	98.3	%	
Dichlorodifluoromethane		Lab Fort Blank Amt.	10.0	ug/l	40-160
		Lab Fort Blk. Found	4.3	ug/l	
		Lab Fort Blk. % Rec.	43.7	%	
Carbon Disulfide		Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	7.6	ug/l	
		Lab Fort Blk. % Rec.	76.1	%	
2-Hexanone		Lab Fort Blank Amt.	100.0	ug/l	70-160
		Lab Fort Blk. Found	88.9	ug/l	
		Lab Fort Blk. % Rec.	88.9	%	
Bromodichloromethane		Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	8.8	ug/l	
		Lab Fort Blk. % Rec.	88.8	%	
1,2-Dibromo-3-Chloropropane		Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	6.2	ug/l	
		Lab Fort Blk. % Rec.	62.1	%	
1,2-Dibromoethane		Lab Fort Blank Amt.	10.00	ug/l	70-130
		Lab Fort Blk. Found	10.09	ug/l	
		Lab Fort Blk. % Rec.	100.90	%	
Methyl Acetate		Lab Fort Blank Amt.	10.0	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-87246	Methyl Acetate	Lab Fort Blk. Found	7.6	ug/l	70-130
		Lab Fort Blk. % Rec.	76.9	%	
	Methylcyclohexane	Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	9.6	ug/l	
	Dichlorofluoromethane	Lab Fort Blk. % Rec.	96.0	%	70-130
		Lab Fort Blank Amt.	10.00	ug/l	
		Lab Fort Blk. Found	8.44	ug/l	
		Lab Fort Blk. % Rec.	84.50	%	
LFBLANK-87638	Cyclohexane	Lab Fort Blank Amt.	100.0	ug/l	70-130
		Lab Fort Blk. Found	87.6	ug/l	
		Lab Fort Blk. % Rec.	87.6	%	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B41928	Acetone	Sample Amount	<50.0	ug/l	
		Matrix Spk Amt Added	100.0	ug/l	
		MS Amt Measured	88.3	ug/l	
		Matrix Spike % Rec.	88.3	%	70-130
		MSD Amount Added	100.0	ug/l	
		MSD Amt Measured	88.5	ug/l	
		MSD % Recovery	88.5	%	
		MSD Range	0.2	units	
		MS Duplicate RPD	0.2	%	0-30
	Benzene	Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	9.8	ug/l	
		Matrix Spike % Rec.	98.5	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	10.1	ug/l	
		MSD % Recovery	101.0	%	
		MSD Range	2.5	units	
		MS Duplicate RPD	2.5	%	0-30
	Carbon Tetrachloride	Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	9.8	ug/l	
		Matrix Spike % Rec.	98.7	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	9.7	ug/l	
		MSD % Recovery	97.5	%	
		MSD Range	1.2	units	
		MS Duplicate RPD	1.2	%	0-30
	Chloroform	Sample Amount	2.6	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	12.7	ug/l	
		Matrix Spike % Rec.	101.6	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	12.6	ug/l	
		MSD % Recovery	100.1	%	
		MSD Range	1.4	units	
		MS Duplicate RPD	1.1	%	0-30
	1,2-Dichloroethane	Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	10.9	ug/l	
		Matrix Spike % Rec.	109.3	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	11.3	ug/l	
		MSD % Recovery	113.3	%	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B41928	1,2-Dichloroethane	MSD Range	4.0	units	
		MS Duplicate RPD	3.5	%	0-30
		Sample Amount	<1.0	ug/l	
	1,4-Dichlorobenzene	Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	10.3	ug/l	
		Matrix Spike % Rec.	103.6	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	10.6	ug/l	
		MSD % Recovery	106.6	%	
		MSD Range	3.0	units	
		MS Duplicate RPD	2.8	%	0-30
		Sample Amount	<1.0	ug/l	
	Ethyl Benzene	Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	11.2	ug/l	
		Matrix Spike % Rec.	112.3	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	11.3	ug/l	
		MSD % Recovery	113.6	%	
		MSD Range	1.2	units	
		MS Duplicate RPD	1.1	%	0-30
		Sample Amount	<20.0	ug/l	
	2-Butanone (MEK)	Matrix Spk Amt Added	100.0	ug/l	
		MS Amt Measured	93.6	ug/l	
		Matrix Spike % Rec.	93.6	%	70-130
		MSD Amount Added	100.0	ug/l	
		MSD Amt Measured	100.0	ug/l	
		MSD % Recovery	100.0	%	
		MSD Range	6.4	units	
		MS Duplicate RPD	6.6	%	0-30
		Sample Amount	<10.0	ug/l	
	MIBK	Matrix Spk Amt Added	100.0	ug/l	
		MS Amt Measured	104.5	ug/l	
		Matrix Spike % Rec.	104.5	%	70-130
		MSD Amount Added	100.0	ug/l	
		MSD Amt Measured	111.2	ug/l	
		MSD % Recovery	111.2	%	
		MSD Range	6.6	units	
		MS Duplicate RPD	6.2	%	0-30
		Sample Amount	<1.0	ug/l	
	Styrene	Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	10.3	ug/l	
		Matrix Spike % Rec.	103.0	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	10.3	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B41928	Styrene	MSD Amt Measured	10.4	ug/l	
		MSD % Recovery	104.4	%	
		MSD Range	1.4	units	
		MS Duplicate RPD	1.3	%	0-30
	Tetrachloroethylene	Sample Amount	11.8	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	22.6	ug/l	
		Matrix Spike % Rec.	108.2	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	23.3	ug/l	
		MSD % Recovery	114.8	%	
		MSD Range	6.6	units	
	Toluene	MS Duplicate RPD	2.8	%	0-30
		Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	11.4	ug/l	
		Matrix Spike % Rec.	114.6	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	11.3	ug/l	
		MSD % Recovery	113.8	%	
	1,1,1-Trichloroethane	MSD Range	0.8	units	
		MS Duplicate RPD	0.7	%	0-30
		Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	10.0	ug/l	
		Matrix Spike % Rec.	100.4	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	10.4	ug/l	
	Trichloroethylene	MSD % Recovery	104.3	%	
		MSD Range	3.8	units	
		MS Duplicate RPD	3.8	%	0-30
		Sample Amount	137.7	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	167.0	ug/l	
		Matrix Spike % Rec.	293.3	%	70-130
		MSD Amount Added	10.0	ug/l	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	MSD Amt Measured	170.0	ug/l	
		MSD % Recovery	323.4	%	
		MSD Range	30.1	units	
		MS Duplicate RPD	1.7	%	0-30
		Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	7.1	ug/l	

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08B41928					
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Matrix Spike % Rec.	71.3	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	6.5	ug/l	
		MSD % Recovery	65.6	%	
		MSD Range	5.7	units	
		MS Duplicate RPD	8.3	%	0-30
	Trichlorofluoromethane	Sample Amount	<2.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	7.6	ug/l	
		Matrix Spike % Rec.	76.0	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	7.2	ug/l	
		MSD % Recovery	72.7	%	
		MSD Range	3.2	units	
		MS Duplicate RPD	4.4	%	0-30
	o-Xylene	Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	11.9	ug/l	
		Matrix Spike % Rec.	119.5	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	11.9	ug/l	
		MSD % Recovery	119.8	%	
		MSD Range	0.3	units	
		MS Duplicate RPD	0.2	%	0-30
	m + p Xylene	Sample Amount	<2.0	ug/l	
		Matrix Spk Amt Added	20.0	ug/l	
		MS Amt Measured	22.2	ug/l	
		Matrix Spike % Rec.	111.1	%	70-130
		MSD Amount Added	20.0	ug/l	
		MSD Amt Measured	22.7	ug/l	
		MSD % Recovery	113.7	%	
		MSD Range	2.5	units	
		MS Duplicate RPD	2.2	%	0-30
	Chlorodifluoromethane	Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	6.8	ug/l	
		Matrix Spike % Rec.	68.4	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	6.9	ug/l	
		MSD % Recovery	69.1	%	
		MSD Range	0.6	units	
		MS Duplicate RPD	1.0	%	0-30
	1,2-Dichlorobenzene	Sample Amount	<1.0	ug/l	



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08B41928	1,2-Dichlorobenzene	Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	10.8	ug/l	
		Matrix Spike % Rec.	108.2	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	11.1	ug/l	
		MSD % Recovery	111.2	%	
		MSD Range	3.0	units	
		MS Duplicate RPD	2.7	%	0-30
	1,3-Dichlorobenzene	Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	11.3	ug/l	
		Matrix Spike % Rec.	113.0	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	11.5	ug/l	
		MSD % Recovery	115.4	%	
		MSD Range	2.4	units	
	1,1-Dichloroethane	MS Duplicate RPD	2.1	%	0-30
		Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	10.4	ug/l	
		Matrix Spike % Rec.	104.7	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	10.4	ug/l	
		MSD % Recovery	104.3	%	
	1,1-Dichloroethylene	MSD Range	0.4	units	
		MS Duplicate RPD	0.3	%	0-30
		Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	9.6	ug/l	
		Matrix Spike % Rec.	96.7	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	9.0	ug/l	
	MTBE	MSD % Recovery	90.5	%	
		MSD Range	6.1	units	
		MS Duplicate RPD	6.6	%	0-30
		Sample Amount	11.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	20.5	ug/l	
		Matrix Spike % Rec.	95.3	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	23.3	ug/l	
		MSD % Recovery	123.8	%	
		MSD Range	28.5	units	

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08B41928	MTBE trans-1,2-Dichloroethylene	MS Duplicate RPD	12.9	%	0-30
		Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	9.6	ug/l	
		Matrix Spike % Rec.	96.0	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	10.3	ug/l	
		MSD % Recovery	103.8	%	
		MSD Range	7.7	units	
		MS Duplicate RPD	7.8	%	0-30
	Vinyl Chloride	Sample Amount	<2.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	6.2	ug/l	
		Matrix Spike % Rec.	62.2	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	5.7	ug/l	
		MSD % Recovery	57.3	%	
		MSD Range	4.9	units	
		MS Duplicate RPD	8.2	%	0-30
		Sample Amount	<5.0	ug/l	
	Methylene Chloride	Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	8.1	ug/l	
		Matrix Spike % Rec.	81.4	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	7.6	ug/l	
		MSD % Recovery	76.2	%	
		MSD Range	5.2	units	
		MS Duplicate RPD	6.5	%	0-30
		Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
	Chlorobenzene	MS Amt Measured	10.8	ug/l	
		Matrix Spike % Rec.	108.4	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	11.0	ug/l	
		MSD % Recovery	110.4	%	
		MSD Range	2.0	units	
		MS Duplicate RPD	1.8	%	0-30
		Sample Amount	<2.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	6.1	ug/l	
Chloromethane		Matrix Spike % Rec.	61.0	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	5.5	ug/l	

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08B41928	Chloromethane	MSD % Recovery	55.9	%	
		MSD Range	5.1	units	
		MS Duplicate RPD	8.7	%	0-30
	Bromomethane	Sample Amount	<2.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	6.7	ug/l	
		Matrix Spike % Rec.	67.2	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	7.6	ug/l	
	Chloroethane	MSD % Recovery	76.6	%	
		MSD Range	9.3	units	
		MS Duplicate RPD	13.0	%	0-30
		Sample Amount	<2.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	9.1	ug/l	
	cis-1,3-Dichloropropene	Matrix Spike % Rec.	91.4	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	8.4	ug/l	
		MSD % Recovery	84.7	%	
		MSD Range	6.6	units	
		MS Duplicate RPD	7.6	%	0-30
	trans-1,3-Dichloropropene	Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	9.4	ug/l	
		Matrix Spike % Rec.	94.6	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	9.5	ug/l	
	Chlorodibromomethane	MSD % Recovery	95.8	%	
		MSD Range	1.2	units	
		MS Duplicate RPD	1.2	%	0-30
		Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	9.5	ug/l	
		Matrix Spike % Rec.	95.2	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	9.7	ug/l	
		MSD % Recovery	97.6	%	
		MSD Range	2.4	units	
		MS Duplicate RPD	2.4	%	0-30
		Sample Amount	<0.5	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	10.3	ug/l	
		Matrix Spike % Rec.	103.2	%	70-130

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08B41928	Chlorodibromomethane	MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	10.1	ug/l	
		MSD % Recovery	101.6	%	
		MSD Range	1.6	units	
		MS Duplicate RPD	1.5	%	0-30
	1,1,2-Trichloroethane	Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	10.9	ug/l	
		Matrix Spike % Rec.	109.7	%	70-130
		MSD Amount Added	10.0	ug/l	
	Bromoform	MSD Amt Measured	11.3	ug/l	
		MSD % Recovery	113.0	%	
		MSD Range	3.3	units	
		MS Duplicate RPD	2.9	%	0-30
		Sample Amount	<1.0	ug/l	
	1,1,2,2-Tetrachloroethane	Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	9.9	ug/l	
		Matrix Spike % Rec.	99.4	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	10.4	ug/l	
	Isopropylbenzene	MSD % Recovery	104.1	%	
		MSD Range	4.6	units	
		MS Duplicate RPD	4.6	%	0-30
		Sample Amount	<0.5	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
	1,2,4-Trichlorobenzene	MS Amt Measured	11.3	ug/l	
		Matrix Spike % Rec.	113.5	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	11.9	ug/l	
		MSD % Recovery	119.1	%	
		MSD Range	5.6	units	
		MS Duplicate RPD	4.8	%	0-30
		Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	10.6	ug/l	
		Matrix Spike % Rec.	106.5	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	10.9	ug/l	
		MSD % Recovery	109.1	%	
		MSD Range	2.6	units	
		MS Duplicate RPD	2.4	%	0-30
		Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	

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08B41928	1,2,4-Trichlorobenzene	MS Amt Measured	8.9	ug/l	
		Matrix Spike % Rec.	89.7	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	14.0	ug/l	
		MSD % Recovery	140.3	%	
		MSD Range	50.6	units	
	cis-1,2-Dichloroethylene	MS Duplicate RPD	44.0	%	0-30
		Sample Amount	1.3	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	10.5	ug/l	
		Matrix Spike % Rec.	91.2	%	70-130
		MSD Amount Added	10.0	ug/l	
	1,2-Dichloropropane	MSD Amt Measured	10.8	ug/l	
		MSD % Recovery	94.7	%	
		MSD Range	3.4	units	
		MS Duplicate RPD	3.2	%	0-30
		Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
	Dichlorodifluoromethane	MS Amt Measured	10.8	ug/l	
		Matrix Spike % Rec.	108.7	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	10.7	ug/l	
		MSD % Recovery	107.6	%	
		MSD Range	1.1	units	
	Carbon Disulfide	MS Duplicate RPD	1.0	%	0-30
		Sample Amount	9.2	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	7.7	ug/l	
		Matrix Spike % Rec.	-14.8	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	8.0	ug/l	
		MSD % Recovery	-12.1	%	
		MSD Range	2.7	units	
		MS Duplicate RPD	3.4	%	0-30
		Sample Amount	<3.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	8.0	ug/l	
		Matrix Spike % Rec.	80.1	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	7.6	ug/l	
		MSD % Recovery	76.7	%	
		MSD Range	3.3	units	
		MS Duplicate RPD	4.3	%	0-30

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08B41928					
	2-Hexanone	Sample Amount	<10.0	ug/l	
		Matrix Spk Amt Added	100.0	ug/l	
		MS Amt Measured	105.6	ug/l	
		Matrix Spike % Rec.	105.6	%	70-130
		MSD Amount Added	100.0	ug/l	
		MSD Amt Measured	114.5	ug/l	
		MSD % Recovery	114.5	%	
		MSD Range	8.9	units	
		MS Duplicate RPD	8.1	%	0-30
	Bromodichloromethane	Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	10.2	ug/l	
		Matrix Spike % Rec.	102.5	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	10.1	ug/l	
		MSD % Recovery	101.9	%	
		MSD Range	0.5	units	
		MS Duplicate RPD	0.5	%	0-30
	1,2-Dichloroethane-d4	Surrogate Recovery	100.3	%	70-130
	Toluene-d8	Surrogate Recovery	97.8	%	70-130
	Bromofluorobenzene	Surrogate Recovery	93.7	%	70-130
	1,2-Dibromo-3-Chloropropane	Sample Amount	<5.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	7.7	ug/l	
		Matrix Spike % Rec.	77.1	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	9.8	ug/l	
		MSD % Recovery	98.0	%	
		MSD Range	20.9	units	
		MS Duplicate RPD	23.8	%	0-30
	1,2-Dibromoethane	Sample Amount	<0.50	ug/l	
		Matrix Spk Amt Added	10.00	ug/l	
		MS Amt Measured	11.18	ug/l	
		Matrix Spike % Rec.	111.80	%	70-130
		MSD Amount Added	10.00	ug/l	
		MSD Amt Measured	11.44	ug/l	
		MSD % Recovery	114.40	%	
		MSD Range	2.60	units	
		MS Duplicate RPD	2.29	%	0-30
	Methyl Acetate	Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	8.1	ug/l	
		Matrix Spike % Rec.	81.4	%	70-130

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08B41928	Methyl Acetate	MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	8.0	ug/l	
		MSD % Recovery	80.2	%	
		MSD Range	1.2	units	
		MS Duplicate RPD	1.4	%	0-30
	Methylcyclohexane	Sample Amount	<1.0	ug/l	
		Matrix Spk Amt Added	10.0	ug/l	
		MS Amt Measured	6.5	ug/l	
		Matrix Spike % Rec.	65.5	%	70-130
		MSD Amount Added	10.0	ug/l	
		MSD Amt Measured	6.4	ug/l	
		MSD % Recovery	64.4	%	
	Dichlorofluoromethane	MSD Range	1.1	units	
		MS Duplicate RPD	1.6	%	0-30
		Sample Amount	<1.00	ug/l	
		Matrix Spk Amt Added	10.00	ug/l	
		MS Amt Measured	9.39	ug/l	
		Matrix Spike % Rec.	93.90	%	70-130
		MSD Amount Added	10.00	ug/l	
		MSD Amt Measured	8.92	ug/l	
		MSD % Recovery	89.20	%	
		MSD Range	4.70	units	
		MS Duplicate RPD	5.13	%	0-30
BLANK-125417	Acetone	Blank	<50.0	ug/l	
	Benzene	Blank	<1.0	ug/l	
	Carbon Tetrachloride	Blank	<1.0	ug/l	
	Chloroform	Blank	<2.0	ug/l	
	1,2-Dichloroethane	Blank	<1.0	ug/l	
	1,4-Dichlorobenzene	Blank	<1.0	ug/l	
	Ethyl Benzene	Blank	<1.0	ug/l	
	2-Butanone (MEK)	Blank	<20.0	ug/l	
	MIBK	Blank	<10.0	ug/l	
	Styrene	Blank	<1.0	ug/l	
	Tetrachloroethylene	Blank	<1.0	ug/l	
	Toluene	Blank	<1.0	ug/l	
	1,1,1-Trichloroethane	Blank	<1.0	ug/l	
	Trichloroethylene	Blank	<1.0	ug/l	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<1.0	ug/l	
	Trichlorofluoromethane	Blank	<2.0	ug/l	
	o-Xylene	Blank	<1.0	ug/l	
	m + p Xylene	Blank	<2.0	ug/l	
	Chlorodifluoromethane	Blank	<1.0	ug/l	

### QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 10/29/2008

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QC Batch Number: GCMS/VOL-20699

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-125417					
	1,2-Dichlorobenzene	Blank	<1.0	ug/l	
	1,3-Dichlorobenzene	Blank	<1.0	ug/l	
	1,1-Dichloroethane	Blank	<1.0	ug/l	
	1,1-Dichloroethylene	Blank	<1.0	ug/l	
	MTBE	Blank	<1.0	ug/l	
	trans-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	Vinyl Chloride	Blank	<2.0	ug/l	
	Methylene Chloride	Blank	<5.0	ug/l	
	Chlorobenzene	Blank	<1.0	ug/l	
	Chloromethane	Blank	<2.0	ug/l	
	Bromomethane	Blank	<2.0	ug/l	
	Chloroethane	Blank	<2.0	ug/l	
	cis-1,3-Dichloropropene	Blank	<1.0	ug/l	
	trans-1,3-Dichloropropene	Blank	<1.0	ug/l	
	Chlorodibromomethane	Blank	<0.5	ug/l	
	1,1,2-Trichloroethane	Blank	<1.0	ug/l	
	Bromoform	Blank	<1.0	ug/l	
	1,1,2,2-Tetrachloroethane	Blank	<0.5	ug/l	
	Isopropylbenzene	Blank	<1.0	ug/l	
	1,2,4-Trichlorobenzene	Blank	<1.0	ug/l	
	cis-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	1,2-Dichloropropane	Blank	<1.0	ug/l	
	Dichlorodifluoromethane	Blank	<2.0	ug/l	
	Carbon Disulfide	Blank	<3.0	ug/l	
	2-Hexanone	Blank	<10.0	ug/l	
	Bromodichloromethane	Blank	<1.0	ug/l	
	1,2-Dibromo-3-Chloropropane	Blank	<5.0	ug/l	
	1,2-Dibromoethane	Blank	<0.50	ug/l	
	Methyl Acetate	Blank	<1.0	ug/l	
	Methylcyclohexane	Blank	<1.0	ug/l	
	Dichlorofluoromethane	Blank	<1.00	ug/l	
BLANK-125783					
	Cyclohexane	Blank	<5.0	ug/l	
LFBLANK-87247					
	Acetone	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	98.4	ug/l	
		Lab Fort Blk. % Rec.	98.4	%	70-160
	Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.2	ug/l	
		Lab Fort Blk. % Rec.	92.9	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.3	%	70-130



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-87247					
Chloroform		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.4	%	70-130
1,2-Dichloroethane		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.8	%	70-130
1,4-Dichlorobenzene		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.6	%	70-130
Ethyl Benzene		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.4	%	70-130
2-Butanone (MEK)		Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	93.4	ug/l	
		Lab Fort Blk. % Rec.	93.4	%	40-160
MIBK		Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	98.5	ug/l	
		Lab Fort Blk. % Rec.	98.5	%	70-160
Styrene		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.7	ug/l	
		Lab Fort Blk. % Rec.	97.9	%	70-130
Tetrachloroethylene		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.9	ug/l	
		Lab Fort Blk. % Rec.	109.0	%	70-160
Toluene		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.6	%	70-130
1,1,1-Trichloroethane		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.2	%	70-130
Trichloroethylene		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.0	ug/l	
		Lab Fort Blk. % Rec.	100.8	%	70-130
1,1,2-Trichloro-1,2,2-Trifluoroethane		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.1	ug/l	
		Lab Fort Blk. % Rec.	111.6	%	70-130
Trichlorofluoromethane		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.3	ug/l	
		Lab Fort Blk. % Rec.	93.0	%	70-130
o-Xylene		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.3	%	70-130
m + p Xylene		Lab Fort Blank Amt.	20.0	ug/l	

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QC Batch Number: GCMS/VOL-20699

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-87247					
m + p Xylene		Lab Fort Blk. Found	21.0	ug/l	70-130
		Lab Fort Blk. % Rec.	105.4	%	
Chlorodifluoromethane		Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	7.1	ug/l	
1,2-Dichlorobenzene		Lab Fort Blk. % Rec.	71.1	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
1,3-Dichlorobenzene		Lab Fort Blk. Found	10.3	ug/l	70-130
		Lab Fort Blk. % Rec.	103.4	%	
1,1-Dichloroethane		Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	10.7	ug/l	
1,1-Dichloroethylene		Lab Fort Blk. % Rec.	107.5	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
1,1-Dichloroethylene		Lab Fort Blk. Found	9.3	ug/l	70-130
		Lab Fort Blk. % Rec.	93.9	%	
MTBE		Lab Fort Blank Amt.	10.0	ug/l	70-130
		Lab Fort Blk. Found	8.8	ug/l	
trans-1,2-Dichloroethylene		Lab Fort Blk. % Rec.	88.5	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
Vinyl Chloride		Lab Fort Blk. Found	8.8	ug/l	70-130
		Lab Fort Blk. % Rec.	88.0	%	
Methylene Chloride		Lab Fort Blank Amt.	10.0	ug/l	40-160
		Lab Fort Blk. Found	8.0	ug/l	
Chlorobenzene		Lab Fort Blk. % Rec.	80.6	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
Chloromethane		Lab Fort Blk. Found	10.3	ug/l	70-130
		Lab Fort Blk. % Rec.	103.3	%	
Bromomethane		Lab Fort Blank Amt.	10.0	ug/l	40-160
		Lab Fort Blk. Found	6.0	ug/l	
Chloroethane		Lab Fort Blk. % Rec.	60.6	%	40-160
		Lab Fort Blank Amt.	10.0	ug/l	
cis-1,3-Dichloropropene		Lab Fort Blk. Found	4.7	ug/l	70-130
		Lab Fort Blk. % Rec.	47.7	%	
		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.7	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.1	ug/l	
		Lab Fort Blk. % Rec.			

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QC Batch Number: GCMS/VOL-20699

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-87247					
	cis-1,3-Dichloropropene	Lab Fort Blk. % Rec.	91.1	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.5	ug/l	
		Lab Fort Blk. % Rec.	95.2	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.7	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
		Lab Fort Blk. % Rec.	106.0	%	70-130
	Bromoform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.3	%	70-130
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.9	ug/l	
		Lab Fort Blk. % Rec.	109.0	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.5	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.2	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.7	ug/l	
		Lab Fort Blk. % Rec.	87.9	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.0	ug/l	
		Lab Fort Blk. % Rec.	100.1	%	70-130
	Dichlorodifluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	4.9	ug/l	
		Lab Fort Blk. % Rec.	49.4	%	40-160
	Carbon Disulfide	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.8	ug/l	
		Lab Fort Blk. % Rec.	88.9	%	70-130
	2-Hexanone	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	99.4	ug/l	
		Lab Fort Blk. % Rec.	99.4	%	70-160
	Bromodichloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.2	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.3	ug/l	
		Lab Fort Blk. % Rec.	73.9	%	70-130

**QC SUMMARY REPORT**

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QC Batch Number: GCMS/VOL-20699

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-87247	1,2-Dibromoethane	Lab Fort Blank Amt.	10.00	ug/l	
		Lab Fort Blk. Found	10.71	ug/l	
		Lab Fort Blk. % Rec.	107.10	%	70-130
	Methyl Acetate	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.3	ug/l	
		Lab Fort Blk. % Rec.	83.5	%	70-130
	Methylcyclohexane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.8	%	70-130
	Dichlorofluoromethane	Lab Fort Blank Amt.	10.00	ug/l	
		Lab Fort Blk. Found	8.91	ug/l	
		Lab Fort Blk. % Rec.	89.10	%	70-130
LFBLANK-87641	Cyclohexane	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	92.3	ug/l	
		Lab Fort Blk. % Rec.	92.3	%	70-130

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**NOTES:**

QC Batch No. : GCMS/VOL-20699  
Sample ID : 08B41928  
Analysis : 1,2,4-Trichlorobenzene

MATRIX SPIKE DUPLICATE RPD IS OUTSIDE OF CONTROL LIMITS. REDUCED PRECISION  
IS ANTICIPATED FOR REPORTED RESULT FOR THIS COMPOUND IN THIS SAMPLE.

QC Batch No. : GCMS/VOL-20699  
Sample ID : 08B41928  
Analysis : Bromomethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/VOL-20699  
Sample ID : 08B41928  
Analysis : Chlorodifluoromethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/VOL-20699  
Sample ID : 08B41928  
Analysis : Chloromethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/VOL-20699  
Sample ID : 08B41928  
Analysis : Dichlorodifluoromethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/VOL-20699  
Sample ID : 08B41928  
Analysis : Methylcyclohexane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/VOL-20699  
Sample ID : 08B41928  
Analysis : Trichloroethylene

MATRIX SPIKE RECOVERY OUTSIDE OF CONTROL LIMITS. POSSIBILITY OF SAMPLE  
MATRIX EFFECTS THAT LEAD TO A HIGH BIAS FOR REPORTED RESULT CANNOT  
BE ELIMINATED AND IS LIKELY.



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

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QC Batch No. : GCMS/VOL-20699

Sample ID : 08B41928

Analysis : Vinyl Chloride

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/VOL-20698

Sample ID : LFBLANK-87246

Analysis : 1,2-Dibromo-3-Chloropropane

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED  
RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.

QC Batch No. : GCMS/VOL-20698

Sample ID : LFBLANK-87246

Analysis : Chlorodifluoromethane

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED  
RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.

# QC SUMMARY REPORT

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## QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken though all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries





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## Track Shipments/FedEx Kinko's Orders

### Detailed Results

[Printable Version](#) [Quick Help](#)

**Tracking number** 864048659473  
**Signed for by** C. COLLINS  
**Ship date** Oct 14, 2008  
**Delivery date** Oct 15, 2008 10:24 AM

**Delivered to**  
**Service type**

**Shipping/Receiving**  
Priority Overnight

[Wrong Address?](#)  
Reduce future mistakes  
[FedEx Address Check](#)

**Status** Delivered

Tracking a FedEx®  
Shipment?  
[Go to shipper login](#)

**Signature image**  
**available** [Yes](#)

**FedEx Desktop**  
Tracking at  
your fingertips

[Learn more](#)

Date/Time	Activity	Location	Details
Oct 15, 2008	10:24 AM	<b>Delivered</b>	
	8:28 AM	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
	7:50 AM	At local FedEx facility	WINDSOR LOCKS, CT
	5:04 AM	Departed FedEx location	NEWARK, NJ
Oct 14, 2008	12:01 AM	Arrived at FedEx location	NEWARK, NJ
	8:54 PM	Left FedEx origin facility	MASPETH, NY
	5:29 PM	Picked up	FOREST HILLS, NY

Tendered at FedEx Kinko's location

[Signature proof](#)[E-mail results](#)[Track more shipments/orders](#)

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Your name:

Your e-mail address:

E-mail address

Language

Exception  
updates

Delivery  
updates

<input type="text"/>
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English
English
English
English

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<input type="checkbox"/>
<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or  
non-English characters.

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----------------------

## Sample Receipt Checklist

 CLIENT NAME: TRC-ENV RECEIVED BY: CEC DATE: 10/15/08

1) Was the chain(s) of custody relinquished and signed?

Yes ☒ No ☐

2) Does the chain agree with the samples?

Yes ☒ No ☐

If not, explain:

3) Are all the samples in good condition?

Yes ☒ No ☐

If not, explain:

4) How were the samples received:

 On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)?

Yes ☒ No ☐
 Temperature °C by Temp blank 4.0 Temperature °C by Temp gun \_\_\_\_\_

5) Are there Dissolved samples for the lab to filter?

Yes ☐ No ☒

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any samples "On Hold"?

Yes ☐ No ☒Stored where: 

7) Are there any RUSH or SHORT HOLDING TIME samples?

Yes ☐ No ☒

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

8) Location where samples are stored:

19
 Permission to subcontract samples? Yes No  
 (Walk-in clients only) if not already approved

Client Signature: \_\_\_\_\_

## Containers sent in to Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz clear jar	
500 mL Amber		4 oz clear jar	
250 mL Amber (8oz amber)		2 oz clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	<u>23</u>	Brass Sleeves	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Summa Cans	
Flashpoint bottle		Regulators	
Encore		Other	

Laboratory Comments:

mL vials: # HCl 23 # Methanol \_\_\_\_\_

# Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_

# Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Time and Date Frozen: \_\_\_\_\_

all samples have the proper pH: Yes No N/A



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

DATA PACKAGE FOR  
VOLATILE ORGANICS

PROJECT NAME: Morris park RI/FS TRC#46130-0010

TRC ENVIRONMENTAL CORP., NY  
1430 BROADWAY  
10TH FLOOR  
NEW YORK, NY 10018  
2122217822

CHEMTECH PROJECT NO.  
ATTENTION:

X4449  
Steven Meersma



284 Sheffield Street, Mountainside NJ 07092  
Tel: 908-789-8900 Fax 908-789-8922

## COVER PAGE

OrderID: X4449      ProjectID: Morris park RI/FS TRC#461  
CustomerName: TRC Environmental Corp., NY

LAB SAMPLE NO.

X4449-01  
X4449-02  
X4449-03  
X4449-04  
X4449-05

CLIENT SAMPLE NO

MW-30D(35-37)  
MW-30D(57-59)  
MW-30D(69-71)  
FIELDBLANK  
TRIPBLANK

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: 9/27/06      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: <ol style="list-style-type: none"><li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li><li>(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.</li></ol>
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.

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/11/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/13/2006
Client Sample ID:	MW-30D(35-37)	SDG No.:	X4449
Lab Sample ID:	X4449-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	7
Sample Wt/Wol:	6.0 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009767.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	30	U	450	30	ug/Kg
74-87-3	Chloromethane	61	U	450	61	ug/Kg
75-01-4	Vinyl chloride	24	U	450	24	ug/Kg
74-83-9	Bromomethane	70	U	450	70	ug/Kg
75-00-3	Chloroethane	79	U	450	79	ug/Kg
75-69-4	Trichlorofluoromethane	51	U	450	51	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	62	U	450	62	ug/Kg
75-35-4	1,1-Dichloroethene	29	U	450	29	ug/Kg
67-64-1	Acetone	470	J	2200	300	ug/Kg
75-15-0	Carbon disulfide	35	U	450	35	ug/Kg
1634-04-4	Methyl tert-butyl Ether	32	U	450	32	ug/Kg
79-20-9	Methyl Acetate	74	U	450	74	ug/Kg
75-09-2	Methylene Chloride	56	U	450	56	ug/Kg
156-60-5	trans-1,2-Dichloroethene	46	U	450	46	ug/Kg
75-34-3	1,1-Dichloroethane	19	U	450	19	ug/Kg
110-82-7	Cyclohexane	33	U	450	33	ug/Kg
78-93-3	2-Butanone	250	U	2200	250	ug/Kg
56-23-5	Carbon Tetrachloride	42	U	450	42	ug/Kg
156-59-2	cis-1,2-Dichloroethene	69	U	450	69	ug/Kg
67-66-3	Chloroform	51	U	450	51	ug/Kg
71-55-6	1,1,1-Trichloroethane	36	U	450	36	ug/Kg
108-87-2	Methylcyclohexane	54	U	450	54	ug/Kg
71-43-2	Benzene	22	U	450	22	ug/Kg
107-06-2	1,2-Dichloroethane	29	U	450	29	ug/Kg
79-01-6	Trichloroethene	60	U	450	60	ug/Kg
78-87-5	1,2-Dichloropropane	28	U	450	28	ug/Kg
75-27-4	Bromodichloromethane	31	U	450	31	ug/Kg
108-10-1	4-Methyl-2-Pentanone	120	U	2200	120	ug/Kg
108-88-3	Toluene	35	U	450	35	ug/Kg
10061-02-6	t-1,3-Dichloropropene	38	U	450	38	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	14	U	450	14	ug/Kg
79-00-5	1,1,2-Trichloroethane	46	U	450	46	ug/Kg

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	9/11/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	9/13/2006
<b>Client Sample ID:</b>	MW-30D(35-37)	<b>SDG No.:</b>	X4449
<b>Lab Sample ID:</b>	X4449-01	<b>Matrix:</b>	SOIL
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	7
<b>Sample Wt/Wol:</b>	6.0 Units: g	<b>Soil Extract Vol:</b>	10000 uL
<b>Soil Aliquot Vol:</b>	100 uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VH009767.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	59	U	2200	59	ug/Kg
124-48-1	Dibromochloromethane	34	U	450	34	ug/Kg
106-93-4	1,2-Dibromoethane	56	U	450	56	ug/Kg
127-18-4	Tetrachloroethene	29	U	450	29	ug/Kg
108-90-7	Chlorobenzene	33	U	450	33	ug/Kg
100-41-4	Ethyl Benzene	36	U	450	36	ug/Kg
126777-61-2	m&p-Xylenes	86	U	890	86	ug/Kg
95-47-6	o-Xylene	33	U	450	33	ug/Kg
100-42-5	Styrene	31	U	450	31	ug/Kg
75-25-2	Bromoform	23	U	450	23	ug/Kg
98-82-8	Isopropylbenzene	30	U	450	30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	44	U	450	44	ug/Kg
541-73-1	1,3-Dichlorobenzene	33	U	450	33	ug/Kg
106-46-7	1,4-Dichlorobenzene	35	U	450	35	ug/Kg
95-50-1	1,2-Dichlorobenzene	33	U	450	33	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	84	U	450	84	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	26	U	450	26	ug/Kg
593-70-4	Chlorofluoromethane	450	U	450	450	ug/Kg
75-43-4	Fluorodichloromethane	450	U	450	450	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	47.87	96 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	49.09	98 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	48.66	97 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	45.11	90 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	342681	4.69
540-36-3	1,4-Difluorobenzene	544878	5.29
3114-55-4	Chlorobenzene-d5	465922	9.03
3855-82-1	1,4-Dichlorobenzene-d4	237627	11.58

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/12/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/13/2006
Client Sample ID:	MW-30D(57-59)	SDG No.:	X4449
Lab Sample ID:	X4449-02	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	17
Sample Wt/Wol:	5.1 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009768.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	39	U	590	39	ug/Kg
74-87-3	Chloromethane	80	U	590	80	ug/Kg
75-01-4	Vinyl chloride	31	U	590	31	ug/Kg
74-83-9	Bromomethane	92	U	590	92	ug/Kg
75-00-3	Chloroethane	100	U	590	100	ug/Kg
75-69-4	Trichlorofluoromethane	68	U	590	68	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	81	U	590	81	ug/Kg
75-35-4	1,1-Dichloroethene	38	U	590	38	ug/Kg
67-64-1	Acetone	390	U	2900	390	ug/Kg
75-15-0	Carbon disulfide	46	U	590	46	ug/Kg
1634-04-4	Methyl tert-butyl Ether	42	U	590	42	ug/Kg
79-20-9	Methyl Acetate	97	U	590	97	ug/Kg
75-09-2	Methylene Chloride	73	U	590	73	ug/Kg
156-60-5	trans-1,2-Dichloroethene	60	U	590	60	ug/Kg
75-34-3	1,1-Dichloroethane	25	U	590	25	ug/Kg
110-82-7	Cyclohexane	43	U	590	43	ug/Kg
78-93-3	2-Butanone	330	U	2900	330	ug/Kg
56-23-5	Carbon Tetrachloride	55	U	590	55	ug/Kg
156-59-2	cis-1,2-Dichloroethene	90	U	590	90	ug/Kg
67-66-3	Chloroform	67	U	590	67	ug/Kg
71-55-6	1,1,1-Trichloroethane	48	U	590	48	ug/Kg
108-87-2	Methylcyclohexane	70	U	590	70	ug/Kg
71-43-2	Benzene	28	U	590	28	ug/Kg
107-06-2	1,2-Dichloroethane	38	U	590	38	ug/Kg
79-01-6	Trichloroethene	79	U	590	79	ug/Kg
78-87-5	1,2-Dichloropropane	37	U	590	37	ug/Kg
75-27-4	Bromodichloromethane	41	U	590	41	ug/Kg
108-10-1	4-Methyl-2-Pentanone	150	U	2900	150	ug/Kg
108-88-3	Toluene	45	U	590	45	ug/Kg
10061-02-6	t-1,3-Dichloropropene	50	U	590	50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	18	U	590	18	ug/Kg
79-00-5	1,1,2-Trichloroethane	61	U	590	61	ug/Kg

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/12/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/13/2006
Client Sample ID:	MW-30D(57-59)	SDG No.:	X4449
Lab Sample ID:	X4449-02	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	17
Sample Wt/Wol:	5.1 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009768.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	77	U	2900	77	ug/Kg
124-48-1	Dibromochloromethane	44	U	590	44	ug/Kg
106-93-4	1,2-Dibromoethane	74	U	590	74	ug/Kg
127-18-4	Tetrachloroethene	39	U	590	39	ug/Kg
108-90-7	Chlorobenzene	43	U	590	43	ug/Kg
100-41-4	Ethyl Benzene	48	U	590	48	ug/Kg
126777-61-2	m&p-Xylenes	110	U	1200	110	ug/Kg
95-47-6	o-Xylene	43	U	590	43	ug/Kg
100-42-5	Styrene	40	U	590	40	ug/Kg
75-25-2	Bromoform	30	U	590	30	ug/Kg
98-82-8	Isopropylbenzene	39	U	590	39	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	58	U	590	58	ug/Kg
541-73-1	1,3-Dichlorobenzene	44	U	590	44	ug/Kg
106-46-7	1,4-Dichlorobenzene	45	U	590	45	ug/Kg
95-50-1	1,2-Dichlorobenzene	43	U	590	43	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	110	U	590	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	34	U	590	34	ug/Kg
593-70-4	Chlorofluoromethane	590	U	590	590	ug/Kg
75-43-4	Fluorodichloromethane	590	U	590	590	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	48.54	97 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	51.93	104 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	53.31	107 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	53.49	107 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	313822	4.69
540-36-3	1,4-Difluorobenzene	497919	5.30
3114-55-4	Chlorobenzene-d5	471090	9.04
3855-82-1	1,4-Dichlorobenzene-d4	247579	11.59

U = Not Detected

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N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/12/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/13/2006
Client Sample ID:	MW-30D(69-71)	SDG No.:	X4449
Lab Sample ID:	X4449-03	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	14
Sample Wt/Wol:	5.1 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009769.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	38	U	570	38	ug/Kg
74-87-3	Chloromethane	77	U	570	77	ug/Kg
75-01-4	Vinyl chloride	30	U	570	30	ug/Kg
74-83-9	Bromomethane	89	U	570	89	ug/Kg
75-00-3	Chloroethane	100	U	570	100	ug/Kg
75-69-4	Trichlorofluoromethane	66	U	570	66	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	79	U	570	79	ug/Kg
75-35-4	1,1-Dichloroethene	37	U	570	37	ug/Kg
67-64-1	Acetone	380	U	2800	380	ug/Kg
75-15-0	Carbon disulfide	44	U	570	44	ug/Kg
1634-04-4	Methyl tert-butyl Ether	41	U	570	41	ug/Kg
79-20-9	Methyl Acetate	94	U	570	94	ug/Kg
75-09-2	Methylene Chloride	71	U	570	71	ug/Kg
156-60-5	trans-1,2-Dichloroethene	58	U	570	58	ug/Kg
75-34-3	1,1-Dichloroethane	24	U	570	24	ug/Kg
110-82-7	Cyclohexane	42	U	570	42	ug/Kg
78-93-3	2-Butanone	320	U	2800	320	ug/Kg
56-23-5	Carbon Tetrachloride	53	U	570	53	ug/Kg
156-59-2	cis-1,2-Dichloroethene	88	U	570	88	ug/Kg
67-66-3	Chloroform	65	U	570	65	ug/Kg
71-55-6	1,1,1-Trichloroethane	46	U	570	46	ug/Kg
108-87-2	Methylcyclohexane	68	U	570	68	ug/Kg
71-43-2	Benzene	27	U	570	27	ug/Kg
107-06-2	1,2-Dichloroethane	36	U	570	36	ug/Kg
79-01-6	Trichloroethene	76	U	570	76	ug/Kg
78-87-5	1,2-Dichloropropane	36	U	570	36	ug/Kg
75-27-4	Bromodichloromethane	40	U	570	40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	150	U	2800	150	ug/Kg
108-88-3	Toluene	44	U	570	44	ug/Kg
10061-02-6	t-1,3-Dichloropropene	48	U	570	48	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	17	U	570	17	ug/Kg
79-00-5	1,1,2-Trichloroethane	59	U	570	59	ug/Kg

U = Not Detected

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**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	9/12/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	9/13/2006
<b>Client Sample ID:</b>	MW-30D(69-71)	<b>SDG No.:</b>	X4449
<b>Lab Sample ID:</b>	X4449-03	<b>Matrix:</b>	SOIL
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	14
<b>Sample Wt/Wol:</b>	5.1      Units: g	<b>Soil Extract Vol:</b>	10000      uL
<b>Soil Aliquot Vol:</b>	100      uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VH009769.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	75	U	2800	75	ug/Kg
124-48-1	Dibromochloromethane	43	U	570	43	ug/Kg
106-93-4	1,2-Dibromoethane	72	U	570	72	ug/Kg
127-18-4	Tetrachloroethene	38	U	570	38	ug/Kg
108-90-7	Chlorobenzene	42	U	570	42	ug/Kg
100-41-4	Ethyl Benzene	46	U	570	46	ug/Kg
126777-61-2	m&p-Xylenes	110	U	1100	110	ug/Kg
95-47-6	o-Xylene	42	U	570	42	ug/Kg
100-42-5	Styrene	39	U	570	39	ug/Kg
75-25-2	Bromoform	29	U	570	29	ug/Kg
98-82-8	Isopropylbenzene	38	U	570	38	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	56	U	570	56	ug/Kg
541-73-1	1,3-Dichlorobenzene	42	U	570	42	ug/Kg
106-46-7	1,4-Dichlorobenzene	44	U	570	44	ug/Kg
95-50-1	1,2-Dichlorobenzene	42	U	570	42	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	110	U	570	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	33	U	570	33	ug/Kg
593-70-4	Chlorofluoromethane	570	U	570	570	ug/Kg
75-43-4	Fluorodichloromethane	570	U	570	570	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	44.24	88 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	47.78	96 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	49.33	99 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	45.64	91 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	351123	4.68
540-36-3	1,4-Difluorobenzene	554610	5.29
3114-55-4	Chlorobenzene-d5	466661	9.03
3855-82-1	1,4-Dichlorobenzene-d4	247835	11.59

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J = Estimated Value

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**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	9/11/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	9/13/2006
<b>Client Sample ID:</b>	FIELD BLANK	<b>SDG No.:</b>	X4449
<b>Lab Sample ID:</b>	X4449-04	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	5.0 Units: mL	<b>Soil Extract Vol:</b>	uL
<b>Soil Aliquot Vol:</b>	uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VH009773.D	1	9/23/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	9.6	J	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	9/11/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	9/13/2006
<b>Client Sample ID:</b>	FIELD BLANK	<b>SDG No.:</b>	X4449
<b>Lab Sample ID:</b>	X4449-04	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	5.0 Units: mL	<b>Soil Extract Vol:</b>	uL
<b>Soil Aliquot Vol:</b>	uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VH009773.D	1	9/23/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	43.98	88 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	50.25	101 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	52.71	105 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	51.73	103 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	314198	4.70
540-36-3	1,4-Difluorobenzene	482460	5.30
3114-55-4	Chlorobenzene-d5	428191	9.04
3855-82-1	1,4-Dichlorobenzene-d4	248761	11.59

U = Not Detected  
 RL = Reporting Limit  
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J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	9/11/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	9/13/2006
<b>Client Sample ID:</b>	TRIPBLANK	<b>SDG No.:</b>	X4449
<b>Lab Sample ID:</b>	X4449-05	<b>Matrix:</b>	SOIL
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	0
<b>Sample Wt/Wol:</b>	5.4 Units: g	<b>Soil Extract Vol:</b>	10000 uL
<b>Soil Aliquot Vol:</b>	100 uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VH009770.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	31	U	460	31	ug/Kg
74-87-3	Chloromethane	63	U	460	63	ug/Kg
75-01-4	Vinyl chloride	25	U	460	25	ug/Kg
74-83-9	Bromomethane	73	U	460	73	ug/Kg
75-00-3	Chloroethane	82	U	460	82	ug/Kg
75-69-4	Trichlorofluoromethane	53	U	460	53	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	64	U	460	64	ug/Kg
75-35-4	1,1-Dichloroethene	30	U	460	30	ug/Kg
67-64-1	Acetone	310	U	2300	310	ug/Kg
75-15-0	Carbon disulfide	36	U	460	36	ug/Kg
1634-04-4	Methyl tert-butyl Ether	33	U	460	33	ug/Kg
79-20-9	Methyl Acetate	77	U	460	77	ug/Kg
75-09-2	Methylene Chloride	58	U	460	58	ug/Kg
156-60-5	trans-1,2-Dichloroethene	48	U	460	48	ug/Kg
75-34-3	1,1-Dichloroethane	20	U	460	20	ug/Kg
110-82-7	Cyclohexane	34	U	460	34	ug/Kg
78-93-3	2-Butanone	260	U	2300	260	ug/Kg
56-23-5	Carbon Tetrachloride	44	U	460	44	ug/Kg
156-59-2	cis-1,2-Dichloroethene	71	U	460	71	ug/Kg
67-66-3	Chloroform	53	U	460	53	ug/Kg
71-55-6	1,1,1-Trichloroethane	38	U	460	38	ug/Kg
108-87-2	Methylcyclohexane	56	U	460	56	ug/Kg
71-43-2	Benzene	22	U	460	22	ug/Kg
107-06-2	1,2-Dichloroethane	30	U	460	30	ug/Kg
79-01-6	Trichloroethene	62	U	460	62	ug/Kg
78-87-5	1,2-Dichloropropane	29	U	460	29	ug/Kg
75-27-4	Bromodichloromethane	32	U	460	32	ug/Kg
108-10-1	4-Methyl-2-Pentanone	120	U	2300	120	ug/Kg
108-88-3	Toluene	36	U	460	36	ug/Kg
10061-02-6	t-1,3-Dichloropropene	39	U	460	39	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	14	U	460	14	ug/Kg
79-00-5	1,1,2-Trichloroethane	48	U	460	48	ug/Kg

U = Not Detected

RL = Reporting Limit

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	9/11/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	9/13/2006
<b>Client Sample ID:</b>	TRIPBLANK	<b>SDG No.:</b>	X4449
<b>Lab Sample ID:</b>	X4449-05	<b>Matrix:</b>	SOIL
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	0
<b>Sample Wt/Wol:</b>	5.4 Units: g	<b>Soil Extract Vol:</b>	10000 uL
<b>Soil Aliquot Vol:</b>	100 uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VH009770.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	61	U	2300	61	ug/Kg
124-48-1	Dibromochloromethane	35	U	460	35	ug/Kg
106-93-4	1,2-Dibromoethane	59	U	460	59	ug/Kg
127-18-4	Tetrachloroethene	31	U	460	31	ug/Kg
108-90-7	Chlorobenzene	34	U	460	34	ug/Kg
100-41-4	Ethyl Benzene	38	U	460	38	ug/Kg
126777-61-2	m&p-Xylenes	89	U	930	89	ug/Kg
95-47-6	o-Xylene	34	U	460	34	ug/Kg
100-42-5	Styrene	32	U	460	32	ug/Kg
75-25-2	Bromoform	23	U	460	23	ug/Kg
98-82-8	Isopropylbenzene	31	U	460	31	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	46	U	460	46	ug/Kg
541-73-1	1,3-Dichlorobenzene	35	U	460	35	ug/Kg
106-46-7	1,4-Dichlorobenzene	36	U	460	36	ug/Kg
95-50-1	1,2-Dichlorobenzene	34	U	460	34	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	87	U	460	87	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	27	U	460	27	ug/Kg
593-70-4	Chlorofluoromethane	460	U	460	460	ug/Kg
75-43-4	Fluorodichloromethane	460	U	460	460	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	45.97	92 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	47.24	94 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	49.41	99 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	45.88	92 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	352405	4.69
540-36-3	1,4-Difluorobenzene	558274	5.29
3114-55-4	Chlorobenzene-d5	470111	9.04
3855-82-1	1,4-Dichlorobenzene-d4	243179	11.58

U = Not Detected

RL = Reporting Limit

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



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

# CHAIN OF CUSTODY RECORD

CHEMTECH PROJECT NO.

COC Number

060739

CLIENT INFORMATION		CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION			
COMPANY:	TRC	PROJECT NAME:	LEAD CFC investigation	BILL TO:	TRC		
ADDRESS:	1430 Broadway	PROJECT NO.:	46130	LOCATION:	NY		
CITY:	New York	STATE:	NY	ZIP:	10018		
ATTENTION:	STEVE NEARNS	PROJECT MANAGER:	Steve Nearns	CITY:	New York		
PHONE:	212 221 7840	e-mail:	Steve.Nearns@chemtech.net	ATTENTION:	S. Nearns		
FAX:	212 221 7840	PHONE:	212 221 7840	PHONE:	212 221 7840		
DATA-TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		ANALYSIS			
FAX:	212 221 7840	RESULTS ONLY	<input type="checkbox"/> USE PACLP	PRESERVATIVES		COMMENTS	
HARD COPY:	212 221 7840	RESULTS + QC	<input checked="" type="checkbox"/> New York State ASP "B"				
EDD:	212 221 7840	New Jersey REDUCED	<input type="checkbox"/> New York State ASP "A"				
* TO BE APPROVED BY CHEMTECH		New Jersey CLP	<input type="checkbox"/> Other				
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		EDD FORMAT					
PROJECT IDENTIFICATION		SAMPLE COLLECTION					
CHEMTECH SAMPLE ID	SAMPLE MATRIX	SAMPLE TYPE	DATE	TIME			
1. MW-300 (35-37)	Soil	GRAS	8/11/06	1450	1	2	3
2. MW-300 (57-59)	Soil	GRAS	8/11/06	1005	4	5	6
3. MW-300 (69-71)	Soil	GRAS	8/11/06	1130	7	8	9
4. Field Blank	Water	GRAS					
5. Trip Blank		GRAS					
6.		GRAS					
7.		GRAS					
8.		GRAS					
9.		GRAS					
10.		GRAS					
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY							
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	DATE/TIME:	CONDITIONS OF BOTTLES OR COOLERS AT RECEIPT:			
1. [Signature]	8/12/06	1. [Signature]	8/12/06	MeOH extraction requires an additional 4 oz jar for percent solid.			
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:	Comments:			
2. [Signature]		2. [Signature]		Trip Blank not received by log			
3. [Signature]	8/13/06	3. [Signature]	8/13/06	Shipped via: CLIENT: <input type="checkbox"/> HAND DELIVERED <input checked="" type="checkbox"/> OVERNIGHT <input type="checkbox"/> PICKED UP <input type="checkbox"/> OVERNIGHT <input type="checkbox"/> NO			
300				SHIPMENT COMPLETE: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			



SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-30D (57-59)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4449 SAS No.: X4449 SDG No.: X4449

Matrix (soil/water): SOIL Lab Sample ID: X4449-02

Sample wt/vol: 5.1 (g/mL) g Lab File ID: VH009768.D

Level (low/med): MED Date Received: 9/13/2006

% Moisture: not dec. 17 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 75-45-6	Difluorochloromethane	1.11	5900	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-30D (69-71)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4449 SAS No.: X4449 SDG No.: X4449

Matrix (soil/water): SOIL Lab Sample ID: X4449-03

Sample wt/vol: 5.1 (g/mL) g Lab File ID: VH009769.D

Level (low/med): MED Date Received: 9/13/2006

% Moisture: not dec. 14 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	5700	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4449 SAS No.: X4449 SDG No.: X4449

Matrix (soil/water): SOIL Lab Sample ID: X4449-05

Sample wt/vol: 5.4 (g/mL) g Lab File ID: VH009770.D

Level (low/med): MED Date Received: 9/13/2006

% Moisture: not dec. 0 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 75-45-6	Difluorochloromethane	1.11	4600	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4449 SAS No.: X4449 SDG No.: X4449

Matrix (soil/water): WATER Lab Sample ID: VBH0922-01

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH009756.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK02

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4449 SAS No.: X4449 SDG No.: X4449

Matrix (soil/water): WATER Lab Sample ID: VBH0924-01

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH009777.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 9/24/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4449 SAS No.: X4449 SDG No.: X4449

Matrix (soil/water): WATER Lab Sample ID: X4449-04

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH009773.D

Level (low/med): \_\_\_\_\_ Date Received: 9/13/2006

% Moisture: not dec. 100 Date Analyzed: 9/23/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

1E

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4449 SAS No.: X4449 SDG No.: X4449

Matrix (soil/water): SOIL Lab Sample ID: VBH0922-01

Sample wt/vol: 5.0 (g/mL) g Lab File ID: VH009756.D

Level (low/med): MED Date Received: \_\_\_\_\_

% Moisture: not dec. 0 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK02

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4449 SAS No.: X4449 SDG No.: X4449

Matrix (soil/water): SOIL Lab Sample ID: VBH0924-01

Sample wt/vol: 5.0 (g/mL) g Lab File ID: VH009777.D

Level (low/med): MED Date Received: \_\_\_\_\_

% Moisture: not dec. 0 Date Analyzed: 9/24/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_



SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-30D (35-37)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4449 SAS No.: X4449 SDG No.: X4449

Matrix (soil/water): SOIL Lab Sample ID: X4449-01

Sample wt/vol: 6.0 (g/mL) g Lab File ID: VH009767.D

Level (low/med): MED Date Received: 9/13/2006

% Moisture: not dec. 7 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-30D (57-59)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4449 SAS No.: X4449 SDG No.: X4449

Matrix (soil/water): SOIL Lab Sample ID: X4449-02

Sample wt/vol: 5.1 (g/mL) g Lab File ID: VH009768.D

Level (low/med): MED Date Received: 9/13/2006

% Moisture: not dec. 17 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-30D (69-71)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4449 SAS No.: X4449 SDG No.: X4449

Matrix (soil/water): SOIL Lab Sample ID: X4449-03

Sample wt/vol: 5.1 (g/mL) g Lab File ID: VH009769.D

Level (low/med): MED Date Received: 9/13/2006

% Moisture: not dec. 14 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4449 SAS No.: X4449 SDG No.: X4449

Matrix (soil/water): SOIL Lab Sample ID: X4449-05

Sample wt/vol: 5.4 (g/mL) g Lab File ID: VH009770.D

Level (low/med): MED Date Received: 9/13/2006

% Moisture: not dec. 0 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_



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

## **DATA PACKAGE FOR VOLATILE ORGANICS**

**PROJECT NAME: Morris park RI/FS TRC#46130-0010**

**TRC ENVIRONMENTAL CORP., NY  
1430 BROADWAY  
10TH FLOOR  
NEW YORK, NY 10018  
2122217822**

**CHEMTECH PROJECT NO.  
ATTENTION:**

**X4494  
Sam Monte**



284 Sheffield Street, Mountainside NJ 07092  
Tel: 908-789-8900 Fax 908-769-8922

## COVER PAGE

OrderID: X4494

ProjectID: Morris park RI/FS TRC#461  
CustomerName: TRC Environmental Corp., NY

LAB SAMPLE NO.

X4494-01  
X4494-02  
X4494-03  
X4494-04  
X4494-05  
X4494-06  
X4494-07  
X4494-08  
X4494-09  
X4494-10  
X4494-11  
X4494-12  
X4494-13  
X4494-14

CLIENT SAMPLE NO

MW-17R1B2(24-26)  
MW-17R1B2(38-40)  
MW-2-160R(170-172)  
FIELDBLANK  
TRIPBLANK  
B-3(23-25)  
B-3(27-29)  
B-3(37-39)  
B-4(25-27)  
B-4(39-41)  
MW-29D(36-38)  
MW-29D(48-50)  
FIELDBLANK  
TRIPBLANK

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

Signature: [Signature] Name: [Signature]  
Date: 10/10/06 Title: an/ ec

**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 I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/18/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	MW-17R1B2(24-26)	SDG No.:	X4494
Lab Sample ID:	X4494-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	11
Sample Wt/Wol:	7.4 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004207.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	25	U	380	25	ug/Kg
74-87-3	Chloromethane	52	U	380	52	ug/Kg
75-01-4	Vinyl chloride	20	U	380	20	ug/Kg
74-83-9	Bromomethane	59	U	380	59	ug/Kg
75-00-3	Chloroethane	67	U	380	67	ug/Kg
75-69-4	Trichlorofluoromethane	1600		380	44	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	53	U	380	53	ug/Kg
75-35-4	1,1-Dichloroethene	24	U	380	24	ug/Kg
67-64-1	Acetone	250	U	1900	250	ug/Kg
75-15-0	Carbon disulfide	30	U	380	30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	27	U	380	27	ug/Kg
79-20-9	Methyl Acetate	130	J	380	63	ug/Kg
75-09-2	Methylene Chloride	47	U	380	47	ug/Kg
156-60-5	trans-1,2-Dichloroethene	39	U	380	39	ug/Kg
75-34-3	1,1-Dichloroethane	16	U	380	16	ug/Kg
110-82-7	Cyclohexane	28	U	380	28	ug/Kg
78-93-3	2-Butanone	550	J	1900	210	ug/Kg
56-23-5	Carbon Tetrachloride	36	U	380	36	ug/Kg
156-59-2	cis-1,2-Dichloroethene	58	U	380	58	ug/Kg
67-66-3	Chloroform	55	J	380	44	ug/Kg
71-55-6	1,1,1-Trichloroethane	31	U	380	31	ug/Kg
108-87-2	Methylcyclohexane	100	J	380	45	ug/Kg
71-43-2	Benzene	1500		380	18	ug/Kg
107-06-2	1,2-Dichloroethane	24	U	380	24	ug/Kg
79-01-6	Trichloroethene	51	U	380	51	ug/Kg
78-87-5	1,2-Dichloropropane	24	U	380	24	ug/Kg
75-27-4	Bromodichloromethane	26	U	380	26	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100	U	1900	100	ug/Kg
108-88-3	Toluene	1600		380	29	ug/Kg
10061-02-6	t-1,3-Dichloropropene	32	U	380	32	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	12	U	380	12	ug/Kg
79-00-5	1,1,2-Trichloroethane	39	U	380	39	ug/Kg

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/18/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	MW-17R1B2(24-26)	SDG No.:	X4494
Lab Sample ID:	X4494-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	11
Sample Wt/Vol:	7.4 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004207.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	50	U	1900	50	ug/Kg
124-48-1	Dibromochloromethane	29	U	380	29	ug/Kg
106-93-4	1,2-Dibromoethane	48	U	380	48	ug/Kg
127-18-4	Tetrachloroethene	1600		380	25	ug/Kg
108-90-7	Chlorobenzene	28	U	380	28	ug/Kg
100-41-4	Ethyl Benzene	49	J	380	31	ug/Kg
126777-61-2	m&p-Xylenes	390	J	760	73	ug/Kg
95-47-6	o-Xylene	110	J	380	28	ug/Kg
100-42-5	Styrene	26	U	380	26	ug/Kg
75-25-2	Bromoform	19	U	380	19	ug/Kg
98-82-8	Isopropylbenzene	25	U	380	25	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	38	U	380	38	ug/Kg
541-73-1	1,3-Dichlorobenzene	28	U	380	28	ug/Kg
106-46-7	1,4-Dichlorobenzene	29	U	380	29	ug/Kg
95-50-1	1,2-Dichlorobenzene	28	U	380	28	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	71	U	380	71	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	22	U	380	22	ug/Kg
593-70-4	Chlorofluoromethane	380	U	380	380	ug/Kg
75-43-4	Fluorodichloromethane	380	U	380	380	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	55.87	112 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	52.13	104 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	53.56	107 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	54.36	109 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	1745502	8.08
540-36-3	1,4-Difluorobenzene	2137465	9.41
3114-55-4	Chlorobenzene-d5	2036366	15.39
3855-82-1	1,4-Dichlorobenzene-d4	1398281	20.75

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	9/18/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	9/20/2006
<b>Client Sample ID:</b>	MW-17R1B2(38-40)	<b>SDG No.:</b>	X4494
<b>Lab Sample ID:</b>	X4494-02	<b>Matrix:</b>	SOIL
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	9
<b>Sample Wt/Vol:</b>	6.8 Units: g	<b>Soil Extract Vol:</b>	10000 uL
<b>Soil Aliquot Vol:</b>	100 uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VF004208.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	27	U	410	27	ug/Kg
74-87-3	Chloromethane	55	U	410	55	ug/Kg
75-01-4	Vinyl chloride	22	U	410	22	ug/Kg
74-83-9	Bromomethane	63	U	410	63	ug/Kg
75-00-3	Chloroethane	72	U	410	72	ug/Kg
75-69-4	Trichlorofluoromethane	1400		410	47	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	56	U	410	56	ug/Kg
75-35-4	1,1-Dichloroethene	26	U	410	26	ug/Kg
67-64-1	Acetone	270	U	2000	270	ug/Kg
75-15-0	Carbon disulfide	32	U	410	32	ug/Kg
1634-04-4	Methyl tert-butyl Ether	29	U	410	29	ug/Kg
79-20-9	Methyl Acetate	210	J	410	67	ug/Kg
75-09-2	Methylene Chloride	50	U	410	50	ug/Kg
156-60-5	trans-1,2-Dichloroethene	42	U	410	42	ug/Kg
75-34-3	1,1-Dichloroethane	17	U	410	17	ug/Kg
110-82-7	Cyclohexane	510		410	30	ug/Kg
78-93-3	2-Butanone	660	J	2000	230	ug/Kg
56-23-5	Carbon Tetrachloride	38	U	410	38	ug/Kg
156-59-2	cis-1,2-Dichloroethene	62	U	410	62	ug/Kg
67-66-3	Chloroform	51	J	410	47	ug/Kg
71-55-6	1,1,1-Trichloroethane	33	U	410	33	ug/Kg
108-87-2	Methylcyclohexane	1200		410	49	ug/Kg
71-43-2	Benzene	1300		410	20	ug/Kg
107-06-2	1,2-Dichloroethane	26	U	410	26	ug/Kg
79-01-6	Trichloroethene	54	U	410	54	ug/Kg
78-87-5	1,2-Dichloropropane	26	U	410	26	ug/Kg
75-27-4	Bromodichloromethane	28	U	410	28	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110	U	2000	110	ug/Kg
108-88-3	Toluene	1500		410	31	ug/Kg
10061-02-6	t-1,3-Dichloropropene	34	U	410	34	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	12	U	410	12	ug/Kg
79-00-5	1,1,2-Trichloroethane	42	U	410	42	ug/Kg

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/18/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	MW-17R1B2(38-40)	SDG No.:	X4494
Lab Sample ID:	X4494-02	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	9
Sample Wt/Wol:	6.8 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004208.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	53	U	2000	53	ug/Kg
124-48-1	Dibromochloromethane	31	U	410	31	ug/Kg
106-93-4	1,2-Dibromoethane	51	U	410	51	ug/Kg
127-18-4	Tetrachloroethene	1300		410	27	ug/Kg
108-90-7	Chlorobenzene	30	U	410	30	ug/Kg
100-41-4	Ethyl Benzene	45	J	410	33	ug/Kg
126777-61-2	m&p-Xylenes	380	J	810	78	ug/Kg
95-47-6	o-Xylene	160	J	410	30	ug/Kg
100-42-5	Styrene	28	U	410	28	ug/Kg
75-25-2	Bromoform	20	U	410	20	ug/Kg
98-82-8	Isopropylbenzene	27	U	410	27	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	40	U	410	40	ug/Kg
541-73-1	1,3-Dichlorobenzene	30	U	410	30	ug/Kg
106-46-7	1,4-Dichlorobenzene	31	U	410	31	ug/Kg
95-50-1	1,2-Dichlorobenzene	30	U	410	30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	76	U	410	76	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	23	U	410	23	ug/Kg
593-70-4	Chlorofluoromethane	410	U	410	410	ug/Kg
75-43-4	Fluorodichloromethane	410	U	410	410	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	59.89	120 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	52.33	105 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	52.51	105 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	55.06	110 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	1489548	8.08
540-36-3	1,4-Difluorobenzene	1929823	9.42
3114-55-4	Chlorobenzene-d5	1843728	15.39
3855-82-1	1,4-Dichlorobenzene-d4	1331640	20.73

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/19/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	MW-2-160R(170-172)	SDG No.:	X4494
Lab Sample ID:	X4494-03	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	17
Sample Wt/Vol:	8.7 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004209.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	23	U	350	23	ug/Kg
74-87-3	Chloromethane	47	U	350	47	ug/Kg
75-01-4	Vinyl chloride	19	U	350	19	ug/Kg
74-83-9	Bromomethane	54	U	350	54	ug/Kg
75-00-3	Chloroethane	61	U	350	61	ug/Kg
75-69-4	Trichlorofluoromethane	72	J	350	40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	48	U	350	48	ug/Kg
75-35-4	1,1-Dichloroethene	22	U	350	22	ug/Kg
67-64-1	Acetone	510	J	1700	230	ug/Kg
75-15-0	Carbon disulfide	27	U	350	27	ug/Kg
1634-04-4	Methyl tert-butyl Ether	25	U	350	25	ug/Kg
79-20-9	Methyl Acetate	58	U	350	58	ug/Kg
75-09-2	Methylene Chloride	43	U	350	43	ug/Kg
156-60-5	trans-1,2-Dichloroethene	36	U	350	36	ug/Kg
75-34-3	1,1-Dichloroethane	15	U	350	15	ug/Kg
110-82-7	Cyclohexane	25	U	350	25	ug/Kg
78-93-3	2-Butanone	200	U	1700	200	ug/Kg
56-23-5	Carbon Tetrachloride	33	U	350	33	ug/Kg
156-59-2	cis-1,2-Dichloroethene	54	U	350	54	ug/Kg
67-66-3	Chloroform	40	U	350	40	ug/Kg
71-55-6	1,1,1-Trichloroethane	28	U	350	28	ug/Kg
108-87-2	Methylcyclohexane	42	U	350	42	ug/Kg
71-43-2	Benzene	17	U	350	17	ug/Kg
107-06-2	1,2-Dichloroethane	22	U	350	22	ug/Kg
79-01-6	Trichloroethene	47	U	350	47	ug/Kg
78-87-5	1,2-Dichloropropane	22	U	350	22	ug/Kg
75-27-4	Bromodichloromethane	24	U	350	24	ug/Kg
108-10-1	4-Methyl-2-Pentanone	92	U	1700	92	ug/Kg
108-88-3	Toluene	27	U	350	27	ug/Kg
10061-02-6	t-1,3-Dichloropropene	30	U	350	30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	11	U	350	11	ug/Kg
79-00-5	1,1,2-Trichloroethane	36	U	350	36	ug/Kg

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/19/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	MW-2-160R(170-172)	SDG No.:	X4494
Lab Sample ID:	X4494-03	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	17
Sample Wt/Wol:	8.7 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004209.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	46	U	1700	46	ug/Kg
124-48-1	Dibromochloromethane	26	U	350	26	ug/Kg
106-93-4	1,2-Dibromoethane	44	U	350	44	ug/Kg
127-18-4	Tetrachloroethene	23	U	350	23	ug/Kg
108-90-7	Chlorobenzene	26	U	350	26	ug/Kg
100-41-4	Ethyl Benzene	28	U	350	28	ug/Kg
126777-61-2	m&p-Xylenes	67	U	690	67	ug/Kg
95-47-6	o-Xylene	25	U	350	25	ug/Kg
100-42-5	Styrene	24	U	350	24	ug/Kg
75-25-2	Bromoform	18	U	350	18	ug/Kg
98-82-8	Isopropylbenzene	23	U	350	23	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	34	U	350	34	ug/Kg
541-73-1	1,3-Dichlorobenzene	26	U	350	26	ug/Kg
106-46-7	1,4-Dichlorobenzene	27	U	350	27	ug/Kg
95-50-1	1,2-Dichlorobenzene	25	U	350	25	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	65	U	350	65	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20	U	350	20	ug/Kg
593-70-4	Chlorofluoromethane	350	U	350	350	ug/Kg
75-43-4	Fluorodichloromethane	350	U	350	350	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	62.46	125 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	53.52	107 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	52.48	105 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	55.76	112 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	1302662	8.08
540-36-3	1,4-Difluorobenzene	1685229	9.41
3114-55-4	Chlorobenzene-d5	1656121	15.38
3855-82-1	1,4-Dichlorobenzene-d4	1198941	20.73

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	9/19/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	FIELD BLANK	SDG No.:	X4494-01
Lab Sample ID:	X4494-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004203.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	2.7	J	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	9/19/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	FIELD BLANK	SDG No.:	X4494-01
Lab Sample ID:	X4494-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004203.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.13	104 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	51.4	103 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	51.9	104 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5	101 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	1799212	8.08
540-36-3	1,4-Difluorobenzene	2238713	9.41
3114-55-4	Chlorobenzene-d5	2053713	15.38
3855-82-1	1,4-Dichlorobenzene-d4	1409828	20.74

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/19/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X4494-01
Lab Sample ID:	X4494-05	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004204.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	9/19/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X4494-01
Lab Sample ID:	X4494-05	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004204.D	1	9/28/2006	VF092106

CAS Number	Parameter	Cone.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	53.94	108 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	51.7	103 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	52.08	104 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	51.55	103 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	1824372	8.08
540-36-3	1,4-Difluorobenzene	2251021	9.41
3114-55-4	Chlorobenzene-d5	2104194	15.40
3855-82-1	1,4-Dichlorobenzene-d4	1372264	20.75

U = Not Detected

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/19/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	B-3(23-25)	SDG No.:	X4494
Lab Sample ID:	X4494-06	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	4
Sample Wt/Vol:	5.8 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004210.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	30	U	450	30	ug/Kg
74-87-3	Chloromethane	61	U	450	61	ug/Kg
75-01-4	Vinyl chloride	24	U	450	24	ug/Kg
74-83-9	Bromomethane	70	U	450	70	ug/Kg
75-00-3	Chloroethane	79	U	450	79	ug/Kg
75-69-4	Trichlorofluoromethane	51	U	450	51	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	62	U	450	62	ug/Kg
75-35-4	1,1-Dichloroethene	29	U	450	29	ug/Kg
67-64-1	Acetone	300	U	2200	300	ug/Kg
75-15-0	Carbon disulfide	35	U	450	35	ug/Kg
1634-04-4	Methyl tert-butyl Ether	32	U	450	32	ug/Kg
79-20-9	Methyl Acetate	130	J	450	74	ug/Kg
75-09-2	Methylene Chloride	56	U	450	56	ug/Kg
156-60-5	trans-1,2-Dichloroethene	46	U	450	46	ug/Kg
75-34-3	1,1-Dichloroethane	19	U	450	19	ug/Kg
110-82-7	Cyclohexane	33	U	450	33	ug/Kg
78-93-3	2-Butanone	770	J	2200	250	ug/Kg
56-23-5	Carbon Tetrachloride	42	U	450	42	ug/Kg
156-59-2	cis-1,2-Dichloroethene	69	U	450	69	ug/Kg
67-66-3	Chloroform	51	U	450	51	ug/Kg
71-55-6	1,1,1-Trichloroethane	36	U	450	36	ug/Kg
108-87-2	Methylcyclohexane	54	U	450	54	ug/Kg
71-43-2	Benzene	22	U	450	22	ug/Kg
107-06-2	1,2-Dichloroethane	29	U	450	29	ug/Kg
79-01-6	Trichloroethene	60	U	450	60	ug/Kg
78-87-5	1,2-Dichloropropane	28	U	450	28	ug/Kg
75-27-4	Bromodichloromethane	31	U	450	31	ug/Kg
108-10-1	4-Methyl-2-Pentanone	120	U	2200	120	ug/Kg
108-88-3	Toluene	35	U	450	35	ug/Kg
10061-02-6	t-1,3-Dichloropropene	38	U	450	38	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	14	U	450	14	ug/Kg
79-00-5	1,1,2-Trichloroethane	46	U	450	46	ug/Kg

U = Not Detected

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/19/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	B-3(23-25)	SDG No.:	X4494
Lab Sample ID:	X4494-06	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	4
Sample Wt/Wol:	5.8 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004210.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	59	U	2200	59	ug/Kg
124-48-1	Dibromochloromethane	34	U	450	34	ug/Kg
106-93-4	1,2-Dibromoethane	56	U	450	56	ug/Kg
127-18-4	Tetrachloroethene	29	U	450	29	ug/Kg
108-90-7	Chlorobenzene	33	U	450	33	ug/Kg
100-41-4	Ethyl Benzene	36	U	450	36	ug/Kg
126777-61-2	m&p-Xylenes	86	U	890	86	ug/Kg
95-47-6	o-Xylene	33	U	450	33	ug/Kg
100-42-5	Styrene	31	U	450	31	ug/Kg
75-25-2	Bromoform	23	U	450	23	ug/Kg
98-82-8	Isopropylbenzene	30	U	450	30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	44	U	450	44	ug/Kg
541-73-1	1,3-Dichlorobenzene	33	U	450	33	ug/Kg
106-46-7	1,4-Dichlorobenzene	35	U	450	35	ug/Kg
95-50-1	1,2-Dichlorobenzene	33	U	450	33	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	84	U	450	84	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	26	U	450	26	ug/Kg
593-70-4	Chlorofluoromethane	450	U	450	450	ug/Kg
75-43-4	Fluorodichloromethane	450	U	450	450	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	59.95	120 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	52.98	106 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	51.19	102 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	53.05	106 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	1402331	8.07
540-36-3	1,4-Difluorobenzene	1763834	9.40
3114-55-4	Chlorobenzene-d5	1664090	15.38
3855-82-1	1,4-Dichlorobenzene-d4	1220645	20.73

U = Not Detected

RL = Reporting Limit

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E = Value Exceeds Calibration Range

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N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/19/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	B-3(27-29)	SDG No.:	X4494
Lab Sample ID:	X4494-07	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	3
Sample Wt/Wol:	6.2 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004211.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	28	U	420	28	ug/Kg
74-87-3	Chloromethane	57	U	420	57	ug/Kg
75-01-4	Vinyl chloride	22	U	420	22	ug/Kg
74-83-9	Bromomethane	65	U	420	65	ug/Kg
75-00-3	Chloroethane	73	U	420	73	ug/Kg
75-69-4	Trichlorofluoromethane	48	U	420	48	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	58	U	420	58	ug/Kg
75-35-4	1,1-Dichloroethene	27	U	420	27	ug/Kg
67-64-1	Acetone	270	U	2100	270	ug/Kg
75-15-0	Carbon disulfide	32	U	420	32	ug/Kg
1634-04-4	Methyl tert-butyl Ether	30	U	420	30	ug/Kg
79-20-9	Methyl Acetate	140	J	420	69	ug/Kg
75-09-2	Methylene Chloride	52	U	420	52	ug/Kg
156-60-5	trans-1,2-Dichloroethene	43	U	420	43	ug/Kg
75-34-3	1,1-Dichloroethane	18	U	420	18	ug/Kg
110-82-7	Cyclohexane	30	U	420	30	ug/Kg
78-93-3	2-Butanone	690	J	2100	230	ug/Kg
56-23-5	Carbon Tetrachloride	39	U	420	39	ug/Kg
156-59-2	cis-1,2-Dichloroethene	64	U	420	64	ug/Kg
67-66-3	Chloroform	48	U	420	48	ug/Kg
71-55-6	1,1,1-Trichloroethane	34	U	420	34	ug/Kg
108-87-2	Methylcyclohexane	50	U	420	50	ug/Kg
71-43-2	Benzene	20	U	420	20	ug/Kg
107-06-2	1,2-Dichloroethane	27	U	420	27	ug/Kg
79-01-6	Trichloroethene	56	U	420	56	ug/Kg
78-87-5	1,2-Dichloropropane	26	U	420	26	ug/Kg
75-27-4	Bromodichloromethane	29	U	420	29	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110	U	2100	110	ug/Kg
108-88-3	Toluene	32	U	420	32	ug/Kg
10061-02-6	t-1,3-Dichloropropene	35	U	420	35	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	13	U	420	13	ug/Kg
79-00-5	1,1,2-Trichloroethane	43	U	420	43	ug/Kg

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/19/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	B-3(27-29)	SDG No.:	X4494
Lab Sample ID:	X4494-07	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	3
Sample Wt/Wol:	6.2 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004211.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	55	U	2100	55	ug/Kg
124-48-1	Dibromochloromethane	31	U	420	31	ug/Kg
106-93-4	1,2-Dibromoethane	52	U	420	52	ug/Kg
127-18-4	Tetrachloroethene	27	U	420	27	ug/Kg
108-90-7	Chlorobenzene	31	U	420	31	ug/Kg
100-41-4	Ethyl Benzene	34	U	420	34	ug/Kg
126777-61-2	m&p-Xylenes	80	U	830	80	ug/Kg
95-47-6	o-Xylene	30	U	420	30	ug/Kg
100-42-5	Styrene	28	U	420	28	ug/Kg
75-25-2	Bromoform	21	U	420	21	ug/Kg
98-82-8	Isopropylbenzene	28	U	420	28	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	41	U	420	41	ug/Kg
541-73-1	1,3-Dichlorobenzene	31	U	420	31	ug/Kg
106-46-7	1,4-Dichlorobenzene	32	U	420	32	ug/Kg
95-50-1	1,2-Dichlorobenzene	30	U	420	30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	78	U	420	78	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	24	U	420	24	ug/Kg
593-70-4	Chlorofluoromethane	420	U	420	420	ug/Kg
75-43-4	Fluorodichloromethane	420	U	420	420	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	62.62	125 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	54.77	110 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	53.19	106 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	56.07	112 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	1387505	8.08		
540-36-3	1,4-Difluorobenzene	1768701	9.41		
3114-55-4	Chlorobenzene-d5	1737211	15.39		
3855-82-1	1,4-Dichlorobenzene-d4	1228021	20.74		

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/19/2006
Project:	Morris-park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	B-3(37-39)	SDG No.:	X4494
Lab Sample ID:	X4494-08	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	13
Sample Wt/Wol:	7.5 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004212.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	26	U	380	26	ug/Kg
74-87-3	Chloromethane	52	U	380	52	ug/Kg
75-01-4	Vinyl chloride	20	U	380	20	ug/Kg
74-83-9	Bromomethane	60	U	380	60	ug/Kg
75-00-3	Chloroethane	68	U	380	68	ug/Kg
75-69-4	Trichlorofluoromethane	44	U	380	44	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	53	U	380	53	ug/Kg
75-35-4	1,1-Dichloroethene	25	U	380	25	ug/Kg
67-64-1	Acetone	250	U	1900	250	ug/Kg
75-15-0	Carbon disulfide	30	U	380	30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	28	U	380	28	ug/Kg
79-20-9	Methyl Acetate	110	J	380	64	ug/Kg
75-09-2	Methylene Chloride	48	U	380	48	ug/Kg
156-60-5	trans-1,2-Dichloroethene	39	U	380	39	ug/Kg
75-34-3	1,1-Dichloroethane	16	U	380	16	ug/Kg
110-82-7	Cyclohexane	28	U	380	28	ug/Kg
78-93-3	2-Butanone	600	J	1900	220	ug/Kg
56-23-5	Carbon Tetrachloride	36	U	380	36	ug/Kg
156-59-2	cis-1,2-Dichloroethene	59	U	380	59	ug/Kg
67-66-3	Chloroform	44	U	380	44	ug/Kg
71-55-6	1,1,1-Trichloroethane	31	U	380	31	ug/Kg
108-87-2	Methylcyclohexane	46	U	380	46	ug/Kg
71-43-2	Benzene	18	U	380	18	ug/Kg
107-06-2	1,2-Dichloroethane	25	U	380	25	ug/Kg
79-01-6	Trichloroethene	51	U	380	51	ug/Kg
78-87-5	1,2-Dichloropropane	24	U	380	24	ug/Kg
75-27-4	Bromodichloromethane	27	U	380	27	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100	U	1900	100	ug/Kg
108-88-3	Toluene	30	U	380	30	ug/Kg
10061-02-6	t-1,3-Dichloropropene	33	U	380	33	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	12	U	380	12	ug/Kg
79-00-5	1,1,2-Trichloroethane	40	U	380	40	ug/Kg

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/19/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/20/2006
Client Sample ID:	B-3(37-39)	SDG No.:	X4494
Lab Sample ID:	X4494-08	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	13
Sample Wt/Wol:	7.5 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004212.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	51	U	1900	51	ug/Kg
124-48-1	Dibromochloromethane	29	U	380	29	ug/Kg
106-93-4	1,2-Dibromoethane	48	U	380	48	ug/Kg
127-18-4	Tetrachloroethene	25	U	380	25	ug/Kg
108-90-7	Chlorobenzene	28	U	380	28	ug/Kg
100-41-4	Ethyl Benzene	31	U	380	31	ug/Kg
126777-61-2	m&p-Xylenes	74	U	770	74	ug/Kg
95-47-6	o-Xylene	28	U	380	28	ug/Kg
100-42-5	Styrene	26	U	380	26	ug/Kg
75-25-2	Bromoform	19	U	380	19	ug/Kg
98-82-8	Isopropylbenzene	26	U	380	26	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	38	U	380	38	ug/Kg
541-73-1	1,3-Dichlorobenzene	29	U	380	29	ug/Kg
106-46-7	1,4-Dichlorobenzene	30	U	380	30	ug/Kg
95-50-1	1,2-Dichlorobenzene	28	U	380	28	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	72	U	380	72	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	22	U	380	22	ug/Kg
593-70-4	Chlorofluoromethane	380	U	380	380	ug/Kg
75-43-4	Fluorodichloromethane	380	U	380	380	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	62.23	124 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	52.87	106 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	53.72	107 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	55.47	111 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	1468244	8.08
540-36-3	1,4-Difluorobenzene	1900492	9.40
3114-55-4	Chlorobenzene-d5	1864564	15.38
3855-82-1	1,4-Dichlorobenzene-d4	1298872	20.73

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E = Value Exceeds Calibration Range

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B = Analyte Found in Associated Method Blank

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/20/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/21/2006
Client Sample ID:	B-4(25-27)	SDG No.:	X4494
Lab Sample ID:	X4494-09	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	4
Sample Wt/Wol:	6.8 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004220.D	1	9/29/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	26	U	380	26	ug/Kg
74-87-3	Chloromethane	52	U	380	52	ug/Kg
75-01-4	Vinyl chloride	21	U	380	21	ug/Kg
74-83-9	Bromomethane	60	U	380	60	ug/Kg
75-00-3	Chloroethane	68	U	380	68	ug/Kg
75-69-4	Trichlorofluoromethane	44	U	380	44	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	53	U	380	53	ug/Kg
75-35-4	1,1-Dichloroethene	25	U	380	25	ug/Kg
67-64-1	Acetone	250	U	1900	250	ug/Kg
75-15-0	Carbon disulfide	30	U	380	30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	28	U	380	28	ug/Kg
79-20-9	Methyl Acetate	120	J	380	64	ug/Kg
75-09-2	Methylene Chloride	48	U	380	48	ug/Kg
156-60-5	trans-1,2-Dichloroethene	40	U	380	40	ug/Kg
75-34-3	1,1-Dichloroethane	17	U	380	17	ug/Kg
110-82-7	Cyclohexane	28	U	380	28	ug/Kg
78-93-3	2-Butanone	540	J	1900	220	ug/Kg
56-23-5	Carbon Tetrachloride	36	U	380	36	ug/Kg
156-59-2	cis-1,2-Dichloroethene	59	U	380	59	ug/Kg
67-66-3	Chloroform	44	U	380	44	ug/Kg
71-55-6	1,1,1-Trichloroethane	31	U	380	31	ug/Kg
108-87-2	Methylcyclohexane	46	U	380	46	ug/Kg
71-43-2	Benzene	19	U	380	19	ug/Kg
107-06-2	1,2-Dichloroethane	25	U	380	25	ug/Kg
79-01-6	Trichloroethene	52	U	380	52	ug/Kg
78-87-5	1,2-Dichloropropane	24	U	380	24	ug/Kg
75-27-4	Bromodichloromethane	27	U	380	27	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100	U	1900	100	ug/Kg
108-88-3	Toluene	30	U	380	30	ug/Kg
10061-02-6	t-1,3-Dichloropropene	33	U	380	33	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	12	U	380	12	ug/Kg
79-00-5	1,1,2-Trichloroethane	40	U	380	40	ug/Kg

U = Not Detected

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E = Value Exceeds Calibration Range

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N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/20/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/21/2006
Client Sample ID:	B-4(25-27)	SDG No.:	X4494
Lab Sample ID:	X4494-09	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	4
Sample Wt/Wol:	6.8 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004220.D	1	9/29/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	51	U	1900	51	ug/Kg
124-48-1	Dibromochloromethane	29	U	380	29	ug/Kg
106-93-4	1,2-Dibromoethane	49	U	380	49	ug/Kg
127-18-4	Tetrachloroethene	25	U	380	25	ug/Kg
108-90-7	Chlorobenzene	28	U	380	28	ug/Kg
100-41-4	Ethyl Benzene	31	U	380	31	ug/Kg
126777-61-2	m&p-Xylenes	74	U	770	74	ug/Kg
95-47-6	o-Xylene	28	U	380	28	ug/Kg
100-42-5	Styrene	26	U	380	26	ug/Kg
75-25-2	Bromoform	19	U	380	19	ug/Kg
98-82-8	Isopropylbenzene	26	U	380	26	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	38	U	380	38	ug/Kg
541-73-1	1,3-Dichlorobenzene	29	U	380	29	ug/Kg
106-46-7	1,4-Dichlorobenzene	30	U	380	30	ug/Kg
95-50-1	1,2-Dichlorobenzene	28	U	380	28	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	72	U	380	72	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	22	U	380	22	ug/Kg
593-70-4	Chlorofluoromethane	380	U	380	380	ug/Kg
75-43-4	Fluorodichloromethane	380	U	380	380	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	58.43	117 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	52.44	105 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	51.21	102 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	53.15	106 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	1525319	8.08
540-36-3	1,4-Difluorobenzene	1856176	9.41
3114-55-4	Chlorobenzene-d5	1752361	15.38
3855-82-1	1,4-Dichlorobenzene-d4	1245849	20.74

U = Not Detected

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MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/20/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/21/2006
Client Sample ID:	B-4(39-41)	SDG No.:	X4494
Lab Sample ID:	X4494-10	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	13
Sample Wt/Wol:	1.2 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004219.D	1	9/29/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	170	U	2500	170	ug/Kg
74-87-3	Chloromethane	340	U	2500	340	ug/Kg
75-01-4	Vinyl chloride	130	U	2500	130	ug/Kg
74-83-9	Bromomethane	390	U	2500	390	ug/Kg
75-00-3	Chloroethane	440	U	2500	440	ug/Kg
75-69-4	Trichlorofluoromethane	290	U	2500	290	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	340	U	2500	340	ug/Kg
75-35-4	1,1-Dichloroethene	160	U	2500	160	ug/Kg
67-64-1	Acetone	1600	U	12000	1600	ug/Kg
75-15-0	Carbon disulfide	190	U	2500	190	ug/Kg
1634-04-4	Methyl tert-butyl Ether	180	U	2500	180	ug/Kg
79-20-9	Methyl Acetate	430	J	2500	410	ug/Kg
75-09-2	Methylene Chloride	310	U	2500	310	ug/Kg
156-60-5	trans-1,2-Dichloroethene	250	U	2500	250	ug/Kg
75-34-3	1,1-Dichloroethane	110	U	2500	110	ug/Kg
110-82-7	Cyclohexane	180	U	2500	180	ug/Kg
78-93-3	2-Butanone	2800	J	12000	1400	ug/Kg
56-23-5	Carbon Tetrachloride	230	U	2500	230	ug/Kg
156-59-2	cis-1,2-Dichloroethene	380	U	2500	380	ug/Kg
67-66-3	Chloroform	280	U	2500	280	ug/Kg
71-55-6	1,1,1-Trichloroethane	200	U	2500	200	ug/Kg
108-87-2	Methylcyclohexane	300	U	2500	300	ug/Kg
71-43-2	Benzene	120	U	2500	120	ug/Kg
107-06-2	1,2-Dichloroethane	160	U	2500	160	ug/Kg
79-01-6	Trichloroethene	330	U	2500	330	ug/Kg
78-87-5	1,2-Dichloropropane	160	U	2500	160	ug/Kg
75-27-4	Bromodichloromethane	170	U	2500	170	ug/Kg
108-10-1	4-Methyl-2-Pentanone	650	U	12000	650	ug/Kg
108-88-3	Toluene	190	U	2500	190	ug/Kg
10061-02-6	t-1,3-Dichloropropene	210	U	2500	210	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	75	U	2500	75	ug/Kg
79-00-5	1,1,2-Trichloroethane	260	U	2500	260	ug/Kg

U = Not Detected

J = Estimated Value

RL = Reporting Limit

B = Analyte Found in Associated Method Blank

MDL = Method Detection Limit

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/20/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/21/2006
Client Sample ID:	B-4(39-41)	SDG No.:	X4494
Lab Sample ID:	X4494-10	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	13
Sample Wt/Vol:	1.2 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004219.D	1	9/29/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	330	U	12000	330	ug/Kg
124-48-1	Dibromochloromethane	190	U	2500	190	ug/Kg
106-93-4	1,2-Dibromoethane	310	U	2500	310	ug/Kg
127-18-4	Tetrachloroethene	160	U	2500	160	ug/Kg
108-90-7	Chlorobenzene	180	U	2500	180	ug/Kg
100-41-4	Ethyl Benzene	200	U	2500	200	ug/Kg
126777-61-2	m&p-Xylenes	480	U	5000	480	ug/Kg
95-47-6	o-Xylene	180	U	2500	180	ug/Kg
100-42-5	Styrene	170	U	2500	170	ug/Kg
75-25-2	Bromoform	120	U	2500	120	ug/Kg
98-82-8	Isopropylbenzene	160	U	2500	160	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	250	U	2500	250	ug/Kg
541-73-1	1,3-Dichlorobenzene	180	U	2500	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	190	U	2500	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	180	U	2500	180	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	460	U	2500	460	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	U	2500	140	ug/Kg
593-70-4	Chlorofluoromethane	2500	U	2500	2500	ug/Kg
75-43-4	Fluorodichloromethane	2500	U	2500	2500	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	55.61	111 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	52.55	105 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	53.91	108 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	53.86	108 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	1715433	8.08
540-36-3	1,4-Difluorobenzene	2097253	9.41
3114-55-4	Chlorobenzene-d5	1961553	15.39
3855-82-1	1,4-Dichlorobenzene-d4	1384373	20.73

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/20/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/21/2006
Client Sample ID:	MW-29D(36-38)	SDG No.:	X4494
Lab Sample ID:	X4494-11	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	0
Sample Wt/Wol:	7.9 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004221.D	1	9/29/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	21	U	320	21	ug/Kg
74-87-3	Chloromethane	43	U	320	43	ug/Kg
75-01-4	Vinyl chloride	17	U	320	17	ug/Kg
74-83-9	Bromomethane	50	U	320	50	ug/Kg
75-00-3	Chloroethane	56	U	320	56	ug/Kg
75-69-4	Trichlorofluoromethane	37	U	320	37	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	44	U	320	44	ug/Kg
75-35-4	1,1-Dichloroethene	20	U	320	20	ug/Kg
67-64-1	Acetone	210	U	1600	210	ug/Kg
75-15-0	Carbon disulfide	25	U	320	25	ug/Kg
1634-04-4	Methyl tert-butyl Ether	23	U	320	23	ug/Kg
79-20-9	Methyl Acetate	85	J	320	53	ug/Kg
75-09-2	Methylene Chloride	40	U	320	40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	33	U	320	33	ug/Kg
75-34-3	1,1-Dichloroethane	14	U	320	14	ug/Kg
110-82-7	Cyclohexane	23	U	320	23	ug/Kg
78-93-3	2-Butanone	370	J	1600	180	ug/Kg
56-23-5	Carbon Tetrachloride	30	U	320	30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	49	U	320	49	ug/Kg
67-66-3	Chloroform	37	U	320	37	ug/Kg
71-55-6	1,1,1-Trichloroethane	26	U	320	26	ug/Kg
108-87-2	Methylcyclohexane	38	U	320	38	ug/Kg
71-43-2	Benzene	15	U	320	15	ug/Kg
107-06-2	1,2-Dichloroethane	20	U	320	20	ug/Kg
79-01-6	Trichloroethene	43	U	320	43	ug/Kg
78-87-5	1,2-Dichloropropane	20	U	320	20	ug/Kg
75-27-4	Bromodichloromethane	22	U	320	22	ug/Kg
108-10-1	4-Methyl-2-Pentanone	84	U	1600	84	ug/Kg
108-88-3	Toluene	120	J	320	25	ug/Kg
10061-02-6	t-1,3-Dichloropropene	27	U	320	27	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	9.7	U	320	9.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	33	U	320	33	ug/Kg

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**Report of Analysis**

<b>Client:</b>	<b>TRC Environmental Corp., NY</b>	<b>Date Collected:</b>	<b>9/20/2006</b>
<b>Project:</b>	<b>Morris park RI/FS TRC#46130-0010</b>	<b>Date Received:</b>	<b>9/21/2006</b>
<b>Client Sample ID:</b>	<b>MW-29D(36-38)</b>	<b>SDG No.:</b>	<b>X4494</b>
<b>Lab Sample ID:</b>	<b>X4494-11</b>	<b>Matrix:</b>	<b>SOIL</b>
<b>Analytical Method:</b>	<b>8260</b>	<b>% Moisture:</b>	<b>0</b>
<b>Sample Wt/Wol:</b>	<b>7.9 Units: g</b>	<b>Soil Extract Vol:</b>	<b>10000 uL</b>
<b>Soil Aliquot Vol:</b>	<b>100 uL</b>		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
<b>VF004221.D</b>	<b>1</b>	<b>9/29/2006</b>	<b>VF092106</b>

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	42	U	1600	42	ug/Kg
124-48-1	Dibromochloromethane	24	U	320	24	ug/Kg
106-93-4	1,2-Dibromoethane	40	U	320	40	ug/Kg
127-18-4	Tetrachloroethene	21	U	320	21	ug/Kg
108-90-7	Chlorobenzene	23	U	320	23	ug/Kg
100-41-4	Ethyl Benzene	26	U	320	26	ug/Kg
126777-61-2	m&p-Xylenes	61	U	640	61	ug/Kg
95-47-6	o-Xylene	23	U	320	23	ug/Kg
100-42-5	Styrene	22	U	320	22	ug/Kg
75-25-2	Bromoform	16	U	320	16	ug/Kg
98-82-8	Isopropylbenzene	21	U	320	21	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	31	U	320	31	ug/Kg
541-73-1	1,3-Dichlorobenzene	24	U	320	24	ug/Kg
106-46-7	1,4-Dichlorobenzene	25	U	320	25	ug/Kg
95-50-1	1,2-Dichlorobenzene	23	U	320	23	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	60	U	320	60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	18	U	320	18	ug/Kg
593-70-4	Chlorofluoromethane	320	U	320	320	ug/Kg
75-43-4	Fluorodichloromethane	320	U	320	320	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	56.88	114 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	51	102 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	52.46	105 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	52.33	105 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	1641236	8.09
540-36-3	1,4-Difluorobenzene	2050733	9.41
3114-55-4	Chlorobenzene-d5	1915694	15.37
3855-82-1	1,4-Dichlorobenzene-d4	1361000	20.72

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/20/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/21/2006
Client Sample ID:	MW-29D(48-50)	SDG No.:	X4494
Lab Sample ID:	X4494-12	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	3
Sample Wt/Wol:	8.1 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004222.D	1	9/29/2006	VF092106

CAS Number	Parameter	Cone.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	21	U	320	21	ug/Kg
74-87-3	Chloromethane	43	U	320	43	ug/Kg
75-01-4	Vinyl chloride	17	U	320	17	ug/Kg
74-83-9	Bromomethane	50	U	320	50	ug/Kg
75-00-3	Chloroethane	56	U	320	56	ug/Kg
75-69-4	Trichlorofluoromethane	37	U	320	37	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	44	U	320	44	ug/Kg
75-35-4	1,1-Dichloroethene	21	U	320	21	ug/Kg
67-64-1	Acetone	210	U	1600	210	ug/Kg
75-15-0	Carbon disulfide	25	U	320	25	ug/Kg
1634-04-4	Methyl tert-butyl Ether	23	U	320	23	ug/Kg
79-20-9	Methyl Acetate	100	J	320	53	ug/Kg
75-09-2	Methylene Chloride	40	U	320	40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	33	U	320	33	ug/Kg
75-34-3	1,1-Dichloroethane	14	U	320	14	ug/Kg
110-82-7	Cyclohexane	23	U	320	23	ug/Kg
78-93-3	2-Butanone	500	J	1600	180	ug/Kg
56-23-5	Carbon Tetrachloride	30	U	320	30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	49	U	320	49	ug/Kg
67-66-3	Chloroform	37	U	320	37	ug/Kg
71-55-6	1,1,1-Trichloroethane	26	U	320	26	ug/Kg
108-87-2	Methylcyclohexane	38	U	320	38	ug/Kg
71-43-2	Benzene	15	U	320	15	ug/Kg
107-06-2	1,2-Dichloroethane	20	U	320	20	ug/Kg
79-01-6	Trichloroethene	43	U	320	43	ug/Kg
78-87-5	1,2-Dichloropropane	20	U	320	20	ug/Kg
75-27-4	Bromodichloromethane	22	U	320	22	ug/Kg
108-10-1	4-Methyl-2-Pentanone	84	U	1600	84	ug/Kg
108-88-3	Toluene	25	U	320	25	ug/Kg
10061-02-6	t-1,3-Dichloropropene	27	U	320	27	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	9.7	U	320	9.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	33	U	320	33	ug/Kg

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/20/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/21/2006
Client Sample ID:	MW-29D(48-50)	SDG No.:	X4494
Lab Sample ID:	X4494-12	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	3
Sample Wt/Wol:	8.1 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004222.D	1	9/29/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	42	U	1600	42	ug/Kg
124-48-1	Dibromochloromethane	24	U	320	24	ug/Kg
106-93-4	1,2-Dibromoethane	40	U	320	40	ug/Kg
127-18-4	Tetrachloroethene	21	U	320	21	ug/Kg
108-90-7	Chlorobenzene	23	U	320	23	ug/Kg
100-41-4	Ethyl Benzene	26	U	320	26	ug/Kg
126777-61-2	m&p-Xylenes	61	U	640	61	ug/Kg
95-47-6	o-Xylene	23	U	320	23	ug/Kg
100-42-5	Styrene	22	U	320	22	ug/Kg
75-25-2	Bromoform	16	U	320	16	ug/Kg
98-82-8	Isopropylbenzene	21	U	320	21	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	32	U	320	32	ug/Kg
541-73-1	1,3-Dichlorobenzene	24	U	320	24	ug/Kg
106-46-7	1,4-Dichlorobenzene	25	U	320	25	ug/Kg
95-50-1	1,2-Dichlorobenzene	23	U	320	23	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	60	U	320	60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	18	U	320	18	ug/Kg
593-70-4	Chlorofluoromethane	320	U	320	320	ug/Kg
75-43-4	Fluorodichloromethane	320	U	320	320	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	58.78	118 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	52.04	104 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	52.1	104 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	54.2	108 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	1603474	8.08
540-36-3	1,4-Difluorobenzene	1990228	9.41
3114-55-4	Chlorobenzene-d5	1866709	15.39
3855-82-1	1,4-Dichlorobenzene-d4	1332635	20.74

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N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	9/20/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/21/2006
Client Sample ID:	FIELD BLANK	SDG No.:	X4494-01
Lab Sample ID:	X4494-13	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004205.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	2.5	J	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	9/20/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/21/2006
Client Sample ID:	FIELDBLANK	SDG No.:	X4494-01
Lab Sample ID:	X4494-13	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004205.D	1	9/28/2006	VF092106

CAS Number	Parameter	Cone.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.96	106 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	49.28	99 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	50.38	101 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	50.01	100 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	1740446	8.09
540-36-3	1,4-Difluorobenzene	2171277	9.42
3114-55-4	Chlorobenzene-d5	2016232	15.40
3855-82-1	1,4-Dichlorobenzene-d4	1395145	20.75

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N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/20/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/21/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X4494-01
Lab Sample ID:	X4494-14	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004206.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.4	J	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	9/20/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/21/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X4494-01
Lab Sample ID:	X4494-14	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004206.D	1	9/28/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	53.31	107 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	50.99	102 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	51.55	103 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	50.63	101 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	1789742	8.09
540-36-3	1,4-Difluorobenzene	2212032	9.41
3114-55-4	Chlorobenzene-d5	2075861	15.39
3855-82-1	1,4-Dichlorobenzene-d4	1395705	20.73

U = Not Detected  
RL = Reporting Limit  
MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
N = Presumptive Evidence of a Compound

## CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO  
COC Number 0608

[illegible]

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: VBF0928M1

Sample wt/vol: 5.0 (g/mL) g Lab File ID: VF004202.D

Level (low/med): MED Date Received: \_\_\_\_\_

% Moisture: not dec. 0 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	5000	U

Comments: \_\_\_\_\_

1E

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VELK02

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: VBF0929M1

Sample wt/vol: 5.0 (g/mL) g Lab File ID: VF004218.D

Level (low/med): MED Date Received: \_\_\_\_\_

% Moisture: not dec. 0 Date Analyzed: 9/29/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Diffuorochloromethane	2.00	5000	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-17R1B2 (24-26)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-01

Sample wt/vol: 7.4 (g/mL) g Lab File ID: VF004207.D

Level (low/med): MED Date Received: 9/20/2006

% Moisture: not dec. 11 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	5000	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-17R1B2 (38-40)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-02

Sample wt/vol: 6.8 (g/mL) g Lab File ID: VF004208.D

Level (low/med): MED Date Received: 9/20/2006

% Moisture: not dec. 9 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	5000	U

Comments: \_\_\_\_\_



SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-2-160R(170-172)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-03

Sample wt/vol: 8.7 (g/mL) g Lab File ID: VF004209.D

Level (low/med): MED Date Received: 9/20/2006

% Moisture: not dec. 17 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	5000	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-3 (23-25)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-06

Sample wt/vol: 5.8 (g/mL) g Lab File ID: VF004210.D

Level (low/med): MED Date Received: 9/20/2006

% Moisture: not dec. 4 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	5000	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-3 (27-29)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-07

Sample wt/vol: 6.2 (g/mL) g Lab File ID: VF004211.D

Level (low/med): MED Date Received: 9/20/2006

% Moisture: not dec. 3 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	5000	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-3(37-39)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-08

Sample wt/vol: 7.5 (g/mL) g Lab File ID: VF004212.D

Level (low/med): MED Date Received: 9/20/2006

% Moisture: not dec. 13 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	5000	U

Comments: \_\_\_\_\_

1E

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-4 (25-27)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-09

Sample wt/vol: 6.8 (g/mL) g Lab File ID: VF004220.D

Level (low/med): MED Date Received: 9/21/2006

% Moisture: not dec. 4 Date Analyzed: 9/29/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	5000	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-4 (39-41)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-10

Sample wt/vol: 1.2 (g/mL) g Lab File ID: VF004219.D

Level (low/med): MED Date Received: 9/21/2006

% Moisture: not dec. 13 Date Analyzed: 9/29/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	5000	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-29D (36-38)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-11

Sample wt/vol: 7.9 (g/mL) g Lab File ID: VF004221.D

Level (low/med): MED Date Received: 9/21/2006

% Moisture: not dec. 0 Date Analyzed: 9/29/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	5000	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-29D (48-50)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-12

Sample wt/vol: 8.1 (g/mL) g Lab File ID: VF004222.D

Level (low/med): MED Date Received: 9/21/2006

% Moisture: not dec. 3 Date Analyzed: 9/29/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	5000	U

Comments: \_\_\_\_\_



1E

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): WATER Lab Sample ID: VBF0928W2

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VF004201.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK\_

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): WATER Lab Sample ID: X4494-04

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VF004203.D

Level (low/med): \_\_\_\_\_ Date Received: 9/20/2006

% Moisture: not dec. 100 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	50	U

Comments: \_\_\_\_\_

## LSC Area Percent Report

Data Path : Y:\HPCHEM1\MSVOA\_F\DATA\SEP-2006\VF092806\  
Data File : VF004203.D  
Acq On : 28 Sep 2006 15:40  
Operator : SY  
Sample : X4494-04  
Misc : 5mL  
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P  
Integrator: RTE  
Smoothing : ON Filtering: 5  
Sampling : 1 Min Area: 3 % of largest Peak  
Start Thrs: 0.2 Max Peaks: 100  
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Y:\HPCHEM1\MSVOA\_F\METHOD\82F092206W.M  
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.742	109	115	117	rBV	162077	287027	3.66%	0.702%
2	7.926	692	705	712	rBV	549885	2880230	36.68%	7.044%
3	8.082	712	720	747	rVB	837759	4849631	61.77%	11.860%
4	8.585	757	768	787	rVB	387419	1899492	24.19%	4.645%
5	9.413	833	847	873	rBV	948214	4991846	63.58%	12.207%
6	12.258	1106	1118	1154	rBV	1126370	6114231	77.88%	14.952%
7	15.385	1403	1416	1448	rBV	1148975	5964109	75.96%	14.585%
8	18.096	1661	1674	1702	rBV2	1125525	6053948	77.11%	14.805%
9	20.744	1912	1926	1948	rBV	1502031	7851257	100.00%	19.200%

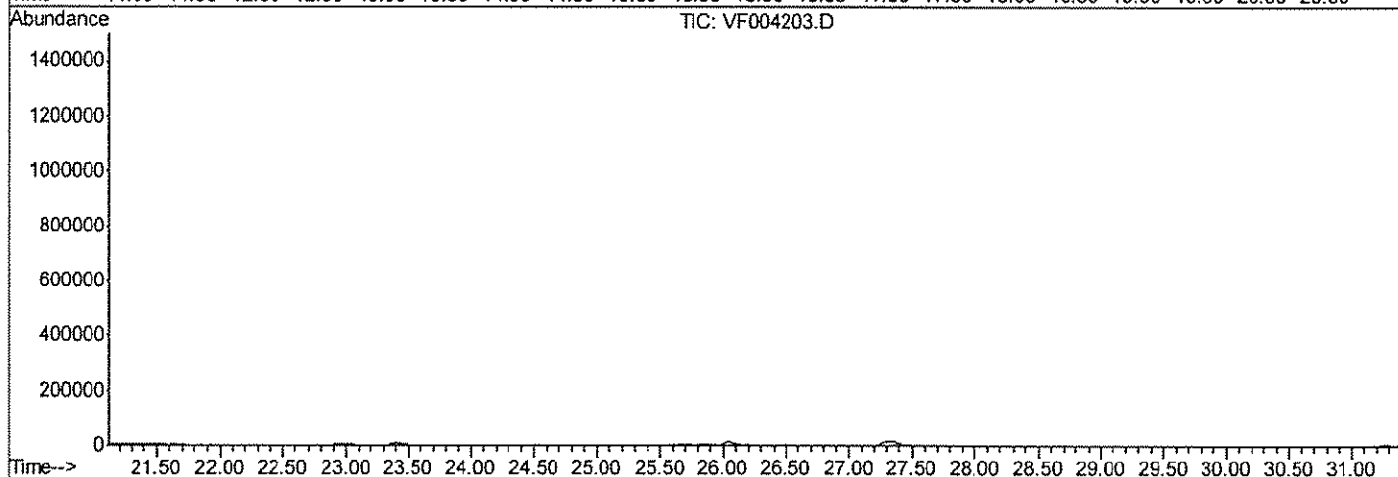
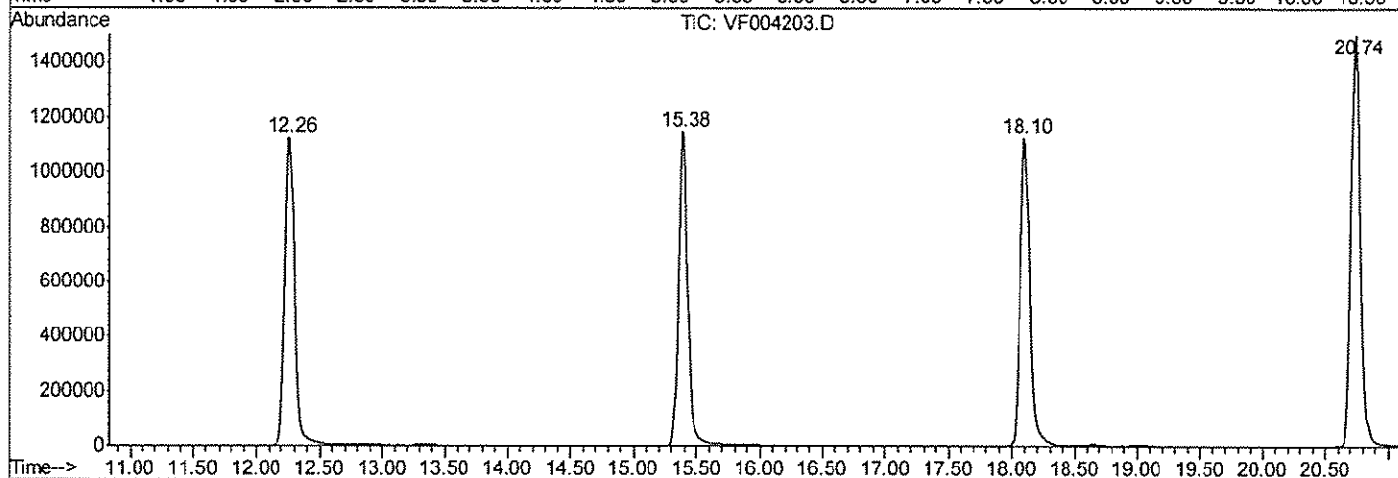
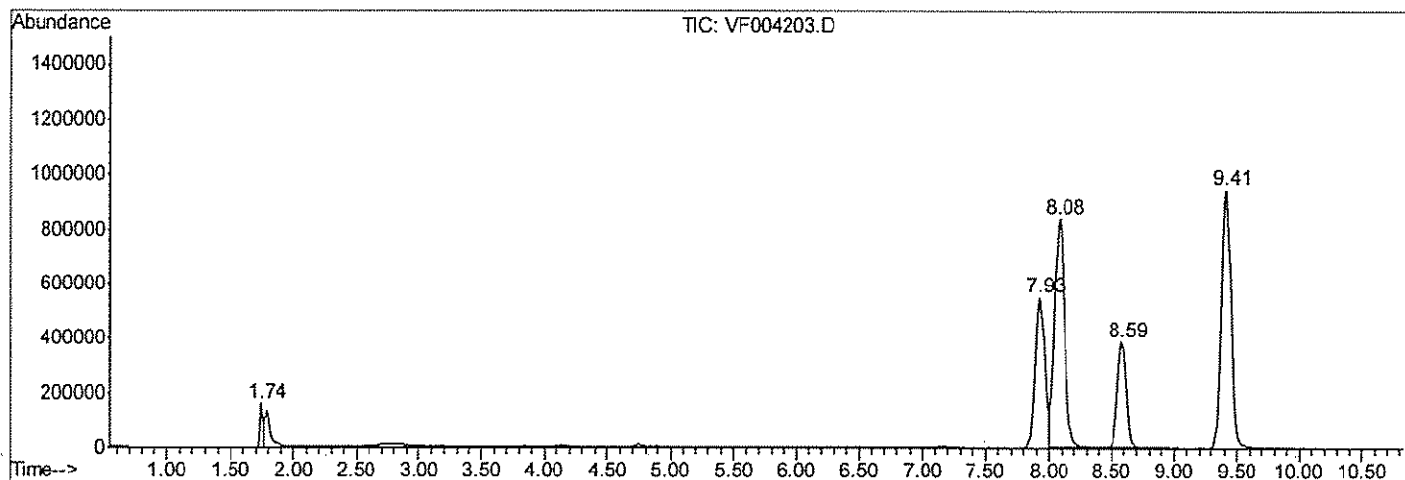
Sum of corrected areas: 40891771

LSC Report - Integrated Chromatogram

Data Path : Y:\HPCHEM1\MSVOA\_F\DATA\SEP-2006\VF092806\  
 Data File : VF004203.D  
 Acq On : 28 Sep 2006 15:40  
 Operator : SY  
 Sample : X4494-04  
 Misc : 5mL  
 ALS Vial : 6 Sample Multiplier: 1

Quant Method : X:\HPCHEM1\MSVOA\_F\METHOD\82F092206W.M  
 Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST02.L  
 TIC Integration Parameters: RTEINT.P



## Tentative Ipradone-related Compound RES67tsummary

```

DbaaaPbahh::YY\NHCHEEM\INSFQAFFNDEETASSEP2006\VF022806\
DbaaaFflae::VF002203DD
AaqQOn      ::28S8pp2006 155400
Operator    :SY
Sampae      :XX4994004
Missc       :5mL
AESVVal     ::66  SampaeMultiplier:11

```

QaantMehbdd:XX\NE2EEMMI\NEECAAFNEEEMBDQ82E89206WMM  
QaantTfiide :S886688E60

```
TTCClibbazy : CC\NAMEBASESENS002LL
TTCClibeggafionPRazantess:REENTTPP
```

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
------------------	----	---------	-------	----------	---	----	------	------

No Library Search Compounds Detected

\*\*\*\*\*

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK\_

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): WATER Lab Sample ID: X4494-05

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VF004204.D

Level (low/med): \_\_\_\_\_ Date Received: 9/20/2006

% Moisture: not dec. 100 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): WATER Lab Sample ID: X4494-13

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VF004205.D

Level (low/med): \_\_\_\_\_ Date Received: 9/21/2006

% Moisture: not dec. 100 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): WATER Lab Sample ID: X4494-14

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VF004206.D

Level (low/med): \_\_\_\_\_ Date Received: 9/21/2006

% Moisture: not dec. 100 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	50	U

Comments: \_\_\_\_\_



SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-17R1B2 (24-26)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-01

Sample wt/vol: 7.4 (g/mL) g Lab File ID: VF004207.D

Level (low/med): MED Date Received: 9/20/2006

% Moisture: not dec. 11 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 75-45-6	Difluorochloromethane	2.00	3800	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-17R1B2 (38-40)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-02

Sample wt/vol: 6.8 (g/mL) g Lab File ID: VF004208.D

Level (low/med): MED Date Received: 9/20/2006

% Moisture: not dec. 9 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 75-45-6	Difluorochloromethane	2.00	4100	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-2-160R(170-172)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X449

Matrix (soil/water): SOIL Lab Sample ID: X4494-03

Sample wt/vol: 8.7 (g/mL) g Lab File ID: VF004209.D

Level (low/med): MED Date Received: 9/20/2006

% Moisture: not dec. 17 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 75-45-6	Difluorochloromethane	2.00	3500	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-3(23-25)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-06

Sample wt/vol: 5.8 (g/mL) g Lab File ID: VF004210.D

Level (low/med): MED Date Received: 9/20/2006

% Moisture: not dec. 4 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	2.00	4500	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-3(27-29)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-07

Sample wt/vol: 6.2 (g/mL) g Lab File ID: VF004211.D

Level (low/med): MED Date Received: 9/20/2006

% Moisture: not dec. 3 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 75-45-6	Difluorochloromethane	2.00	4200	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-3(37-39)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X449

Matrix (soil/water): SOIL Lab Sample ID: X4494-08

Sample wt/vol: 7.5 (g/mL) g Lab File ID: VF004212.D

Level (low/med): MED Date Received: 9/20/2006

% Moisture: not dec. 13 Date Analyzed: 9/28/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 75-45-6	Difluorochloromethane	2.00	3800	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-4(25-27)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-09

Sample wt/vol: 6.8 (g/mL) g Lab File ID: VF004220.D

Level (low/med): MED Date Received: 9/21/2006

% Moisture: not dec. 4 Date Analyzed: 9/29/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 75-45-6	Difluorochloromethane	2.00	3800	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-4(39-41)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4494 SAS No.: X4494 SDG No.: X4494

Matrix (soil/water): SOIL Lab Sample ID: X4494-10

Sample wt/vol: 1.2 (g/mL) g Lab File ID: VF004219.D

Level (low/med): MED Date Received: 9/21/2006

% Moisture: not dec. 13 Date Analyzed: 9/29/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	2.00	25000	U

Comments: \_\_\_\_\_





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DATA PACKAGE FOR  
VOLATILE ORGANICS

PROJECT NAME: Morris park RI/FS TRC#46130-0010

TRC ENVIRONMENTAL CORP., NY  
1430 BROADWAY  
10TH FLOOR  
NEW YORK, NY 10018  
2122217822

CHEMTECH PROJECT NO.  
ATTENTION:

X4559  
Steven Meersma



254 Sheffield Street, Mountainside NJ 07092  
Tel: 908-789-8900 Fax 908-789-8922

## COVER PAGE

OrderID: X4559

ProjectID: Morris park RI/FS TRC#461  
CustomerName: TRC Environmental Corp., NY

LAB SAMPLE NO.

X4559-01

X4559-02

X4559-03

CLIENT SAMPLE NO

MW-30D(145-147)

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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: M. David V. Keys Name: Mildred V. Keys  
Date: 10/4/06 Title: COA/LOC

## 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: <ol style="list-style-type: none"><li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li><li>(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.</li></ol>
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.



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## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	9/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/15/2006
Client Sample ID:	MW-30D(145-147)	SDG No.:	X4559
Lab Sample ID:	X4559-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	15
Sample Wt/Wol:	5.1 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009762.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	39	U	580	39	ug/Kg
74-87-3	Chloromethane	79	U	580	79	ug/Kg
75-01-4	Vinyl chloride	31	U	580	31	ug/Kg
74-83-9	Bromomethane	90	U	580	90	ug/Kg
75-00-3	Chloroethane	100	U	580	100	ug/Kg
75-69-4	Trichlorofluoromethane	67	U	580	67	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	80	U	580	80	ug/Kg
75-35-4	1,1-Dichloroethene	37	U	580	37	ug/Kg
67-64-1	Acetone	380	U	2900	380	ug/Kg
75-15-0	Carbon disulfide	45	U	580	45	ug/Kg
1634-04-4	Methyl tert-butyl Ether	41	U	580	41	ug/Kg
79-20-9	Methyl Acetate	96	U	580	96	ug/Kg
75-09-2	Methylene Chloride	72	U	580	72	ug/Kg
156-60-5	trans-1,2-Dichloroethene	59	U	580	59	ug/Kg
75-34-3	1,1-Dichloroethane	25	U	580	25	ug/Kg
110-82-7	Cyclohexane	42	U	580	42	ug/Kg
78-93-3	2-Butanone	330	U	2900	330	ug/Kg
56-23-5	Carbon Tetrachloride	54	U	580	54	ug/Kg
156-59-2	cis-1,2-Dichloroethene	89	U	580	89	ug/Kg
67-66-3	Chloroform	66	U	580	66	ug/Kg
71-55-6	1,1,1-Trichloroethane	47	U	580	47	ug/Kg
108-87-2	Methylcyclohexane	69	U	580	69	ug/Kg
71-43-2	Benzene	28	U	580	28	ug/Kg
107-06-2	1,2-Dichloroethane	37	U	580	37	ug/Kg
79-01-6	Trichloroethene	970		580	77	ug/Kg
78-87-5	1,2-Dichloropropane	37	U	580	37	ug/Kg
75-27-4	Bromodichloromethane	40	U	580	40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	150	U	2900	150	ug/Kg
108-88-3	Toluene	45	U	580	45	ug/Kg
10061-02-6	t-1,3-Dichloropropene	49	U	580	49	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	18	U	580	18	ug/Kg
79-00-5	1,1,2-Trichloroethane	60	U	580	60	ug/Kg

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/15/2006
Client Sample ID:	MW-30D(145-147)	SDG No.:	X4559
Lab Sample ID:	X4559-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	15
Sample Wt/Wol:	5.1 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009762.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	76	U	2900	76	ug/Kg
124-48-1	Dibromochloromethane	44	U	580	44	ug/Kg
106-93-4	1,2-Dibromoethane	73	U	580	73	ug/Kg
127-18-4	Tetrachloroethene	38	U	580	38	ug/Kg
108-90-7	Chlorobenzene	43	U	580	43	ug/Kg
100-41-4	Ethyl Benzene	47	U	580	47	ug/Kg
126777-61-2	m&p-Xylenes	110	U	1200	110	ug/Kg
95-47-6	o-Xylene	42	U	580	42	ug/Kg
100-42-5	Styrene	40	U	580	40	ug/Kg
75-25-2	Bromoform	29	U	580	29	ug/Kg
98-82-8	Isopropylbenzene	38	U	580	38	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	57	U	580	57	ug/Kg
541-73-1	1,3-Dichlorobenzene	43	U	580	43	ug/Kg
106-46-7	1,4-Dichlorobenzene	45	U	580	45	ug/Kg
95-50-1	1,2-Dichlorobenzene	42	U	580	42	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	110	U	580	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	33	U	580	33	ug/Kg
593-70-4	Chlorofluoromethane	580	U	580	580	ug/Kg
75-43-4	Fluorodichloromethane	580	U	580	580	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	44.28	89 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	47.62	95 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	48.4	97 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	46.48	93 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	340393	4.69
540-36-3	1,4-Difluorobenzene	539090	5.29
3114-55-4	Chlorobenzene-d5	469879	9.03
3855-82-1	1,4-Dichlorobenzene-d4	237701	11.58

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



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## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	9/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/15/2006
Client Sample ID:	FIELD BLANK	SDG No.:	X4559
Lab Sample ID:	X4559-02	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009765.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	10	J	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	9/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/15/2006
Client Sample ID:	FIELD BLANK	SDG No.:	X4559
Lab Sample ID:	X4559-02	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009765.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	54.12	108 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	54.17	108 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	53.43	107 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	50.62	101 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	317307	4.70
540-36-3	1,4-Difluorobenzene	505970	5.30
3114-55-4	Chlorobenzene-d5	474989	9.04
3855-82-1	1,4-Dichlorobenzene-d4	243690	11.58

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	9/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/15/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X4559
Lab Sample ID:	X4559-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009766.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	7.3	J	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	9/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/15/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X4559
Lab Sample ID:	X4559-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009766.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	45.62	91 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	50.96	102 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	52.16	104 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	50.25	101 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	325265	4.70
540-36-3	1,4-Difluorobenzene	509532	5.30
3114-55-4	Chlorobenzene-d5	470336	9.04
3855-82-1	1,4-Dichlorobenzene-d4	243095	11.58

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



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(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

# CHAIN OF CUSTODY RECORD

CHEMTECH PROJECT NO. 84539

COC Number

060776

CLIENT INFORMATION		CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION				
COMPANY: <u>TRC</u>	PROJECT NAME: <u>LTRA</u>	PROJECT NO.: <u>46130</u>	LOCATION: <u>NY</u>	BILL TO: <u>TRC</u>	PO#: <u>46130</u>			
ADDRESS: <u>1430 Broadway</u>	PROJECT MANAGER: <u>S. Meersman</u>	PROJECT NO.: <u>46130</u>	LOCATION: <u>NY</u>	ADDRESS: <u>1430 Broadway</u>				
CITY/STATE/ZIP: <u>New York NY 10018</u>	PHONE: <u>212 221 7843</u>	PROJECT MANAGER: <u>S. Meersman</u>	LOCATION: <u>NY</u>	CITY: <u>New York</u>	STATE: <u>NY</u> ZIP: <u>10018</u>			
ATTENTION: <u>Steve Meersman</u>	FAX: <u>212 221 7840</u>	PROJECT MANAGER: <u>S. Meersman</u>	LOCATION: <u>NY</u>	ATTENTION: <u>S. Meersman</u>	PHONE: <u>212 221 7843</u>			
PHONE: <u>212 221 7843</u>	FAX: <u>212 221 7840</u>	PROJECT MANAGER: <u>S. Meersman</u>	LOCATION: <u>NY</u>	ATTENTION: <u>S. Meersman</u>	PHONE: <u>212 221 7843</u>			
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		ANALYSIS				
FAX: _____	DAYS: _____	<input type="checkbox"/> RESULTS ONLY	<input type="checkbox"/> USEPA CLP					
HARD COPY: _____	DAYS: _____	<input type="checkbox"/> RESULTS + QC	<input checked="" type="checkbox"/> New York State ASP "B"					
EDD: _____	DAYS: _____	<input type="checkbox"/> New Jersey REDUCED	<input type="checkbox"/> New York State ASP "A"					
* TO BE APPROVED BY CHEMTECH		<input type="checkbox"/> New Jersey CLP	<input type="checkbox"/> Other _____					
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		EDD FORMAT _____						
CHEMTECH SAMPLE ID	PROJECT IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION DATE	TIME	NO. OF BOTTLES	PRESERVATIVES	COMMENTS
1. <u>MW-30A 145-147</u>		<u>Sd</u>	<u>X</u>	<u>9/13/9</u>		<u>2</u>		
2. <u>Field Blank</u>		<u>N</u>				<u>2</u>		
3. <u>Trip Blank</u>		<u>N</u>				<u>1</u>		
4. _____								
5. _____								
6. _____								
7. _____								
8. _____								
9. _____								
10. _____								
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY								
RECEIVED BY: <u>[Signature]</u>	DATE/TIME: <u>9/14/06</u>	RECEIVED BY: _____	DATE/TIME: _____	RECEIVED BY: _____	DATE/TIME: _____	RECEIVED BY: _____	DATE/TIME: _____	RECEIVED BY: _____
233								
SHIPPED VIA: CLIENT: <input type="checkbox"/> HAND DELIVERED <input checked="" type="checkbox"/> OVERNIGHT <input type="checkbox"/> OVERNIGHT <input type="checkbox"/> OVERNIGHT <input type="checkbox"/> OVERNIGHT								
SHIPMENT COMPLETER: <u>YES</u> <input type="checkbox"/> NO <input type="checkbox"/> NO								

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4559 SAS No.: X4559 SDG No.: X4559

Matrix (soil/water): SOIL Lab Sample ID: VBH0922-01

Sample wt/vol: 5.0 (g/mL) g Lab File ID: VH009756.D

Level (low/med): MED Date Received: \_\_\_\_\_

% Moisture: not dec. 0 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-30D(145-147)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4559 SAS No.: X4559 SDG No.: X4559

Matrix (soil/water): SOIL Lab Sample ID: X4559-01

Sample wt/vol: 5.1 (g/mL) g Lab File ID: VH009762.D

Level (low/med): MED Date Received: 9/15/2006

% Moisture: not dec. 15 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4559 SAS No.: X4559 SDG No.: X4559

Matrix (soil/water): WATER Lab Sample ID: VBH0922-01

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH009756.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK02

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4559 SAS No.: X4559 SDG No.: X4559

Matrix (soil/water): WATER Lab Sample ID: VBH0924-01

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH009777.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 9/24/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK
------------

Lab Name: Chentech Contract: TRCE03

Lab Code: CHEM Case No.: X4559 SAS No.: X4559 SDG No.: X4559

Matrix (soil/water): WATER Lab Sample ID: X4559-02

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH009765.D

Level (low/med): \_\_\_\_\_ Date Received: 9/15/2006

% Moisture: not dec. 100 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4559 SAS No.: X4559 SDG No.: X4559

Matrix (soil/water): WATER Lab Sample ID: X4559-03

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH009766.D

Level (low/med): \_\_\_\_\_ Date Received: 9/15/2006

% Moisture: not dec. 100 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_





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

**DATA PACKAGE FOR  
VOLATILE ORGANICS**

**PROJECT NAME: Morris park RI/FS TRC#46130-0010**

**TRC ENVIRONMENTAL CORP., NY  
1430 BROADWAY  
10TH FLOOR  
NEW YORK, NY 10018  
2122217822**

**CHEMTECH PROJECT NO.  
ATTENTION:**

**X4572  
Steven Meersma**



284 Sheffield Street, Mountainside NJ 07092  
Tel: 908-789-8900 Fax 908-789-8922

## COVER PAGE

OrderID: X4572

ProjectID: Morris park RI/FS TRC#461  
CustomerName: TRC Environmental Corp., NY

LAB SAMPLE NO.

X4572-01

X4572-02

X4572-03

X4572-04

CLIENT SAMPLE NO

MW-2-160R(25-27)

MW-2-160R(37-39)

FIELDBLANK

TRIPBLANK

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: 9/29/06 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: <ol style="list-style-type: none"><li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li><li>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.</li></ol>
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.

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	9/15/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	9/16/2006
<b>Client Sample ID:</b>	MW-2-160R(37-39)	<b>SDG No.:</b>	X4572
<b>Lab Sample ID:</b>	X4572-02	<b>Matrix:</b>	SOIL
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	13
<b>Sample Wt/Wol:</b>	5.1 Units: g	<b>Soil Extract Vol:</b>	10000 uL
<b>Soil Aliquot Vol:</b>	100 uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VH009763.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	38	U	560	38	ug/Kg
74-87-3	Chloromethane	77	U	560	77	ug/Kg
75-01-4	Vinyl chloride	30	U	560	30	ug/Kg
74-83-9	Bromomethane	88	U	560	88	ug/Kg
75-00-3	Chloroethane	99	U	560	99	ug/Kg
75-69-4	Trichlorofluoromethane	65	U	560	65	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	78	U	560	78	ug/Kg
75-35-4	1,1-Dichloroethene	36	U	560	36	ug/Kg
67-64-1	Acetone	840	J	2800	370	ug/Kg
75-15-0	Carbon disulfide	44	U	560	44	ug/Kg
1634-04-4	Methyl tert-butyl Ether	40	U	560	40	ug/Kg
79-20-9	Methyl Acetate	93	U	560	93	ug/Kg
75-09-2	Methylene Chloride	70	U	560	70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	58	U	560	58	ug/Kg
75-34-3	1,1-Dichloroethane	24	U	560	24	ug/Kg
110-82-7	Cyclohexane	41	U	560	41	ug/Kg
78-93-3	2-Butanone	320	U	2800	320	ug/Kg
56-23-5	Carbon Tetrachloride	53	U	560	53	ug/Kg
156-59-2	cis-1,2-Dichloroethene	87	U	560	87	ug/Kg
67-66-3	Chloroform	65	U	560	65	ug/Kg
71-55-6	1,1,1-Trichloroethane	46	U	560	46	ug/Kg
108-87-2	Methylcyclohexane	67	U	560	67	ug/Kg
71-43-2	Benzene	27	U	560	27	ug/Kg
107-06-2	1,2-Dichloroethane	36	U	560	36	ug/Kg
79-01-6	Trichloroethene	75	U	560	75	ug/Kg
78-87-5	1,2-Dichloropropane	36	U	560	36	ug/Kg
75-27-4	Bromodichloromethane	39	U	560	39	ug/Kg
108-10-1	4-Methyl-2-Pentanone	150	U	2800	150	ug/Kg
108-88-3	Toluene	44	U	560	44	ug/Kg
10061-02-6	t-1,3-Dichloropropene	48	U	560	48	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	17	U	560	17	ug/Kg
79-00-5	1,1,2-Trichloroethane	58	U	560	58	ug/Kg

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	9/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/16/2006
Client Sample ID:	MW-2-160R(37-39)	SDG No.:	X4572
Lab Sample ID:	X4572-02	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	13
Sample Wt/Wol:	5.1 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009763.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	74	U	2800	74	ug/Kg
124-48-1	Dibromochloromethane	43	U	560	43	ug/Kg
106-93-4	1,2-Dibromoethane	71	U	560	71	ug/Kg
127-18-4	Tetrachloroethene	37	U	560	37	ug/Kg
108-90-7	Chlorobenzene	41	U	560	41	ug/Kg
100-41-4	Ethyl Benzene	46	U	560	46	ug/Kg
126777-61-2	m&p-Xylenes	110	U	1100	110	ug/Kg
95-47-6	o-Xylene	41	U	560	41	ug/Kg
100-42-5	Styrene	38	U	560	38	ug/Kg
75-25-2	Bromoform	28	U	560	28	ug/Kg
98-82-8	Isopropylbenzene	37	U	560	37	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	56	U	560	56	ug/Kg
541-73-1	1,3-Dichlorobenzene	42	U	560	42	ug/Kg
106-46-7	1,4-Dichlorobenzene	44	U	560	44	ug/Kg
95-50-1	1,2-Dichlorobenzene	41	U	560	41	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	110	U	560	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	32	U	560	32	ug/Kg
593-70-4	Chlorofluoromethane	560	U	560	560	ug/Kg
75-43-4	Fluorodichloromethane	560	U	560	560	ug/Kg

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	48.31	97 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	52.37	105 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	52.46	105 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	50.46	101 %	75 - 125	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	319538	4.70
540-36-3	1,4-Difluorobenzene	506954	5.30
3114-55-4	Chlorobenzene-d5	462183	9.04
3855-82-1	1,4-Dichlorobenzene-d4	240769	11.58

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/16/2006
Client Sample ID:	FIELD BLANK	SDG No.:	X4572
Lab Sample ID:	X4572-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009764.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	7.3	J	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

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MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/16/2006
Client Sample ID:	FIELD BLANK	SDG No.:	X4572
Lab Sample ID:	X4572-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009764.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	48.71	97 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	52.88	106 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	52.78	106 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	49.88	100 %	76 - 119		SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	315275	4.70			
540-36-3	1,4-Difluorobenzene	497790	5.30			
3114-55-4	Chlorobenzene-d5	458943	9.04			
3855-82-1	1,4-Dichlorobenzene-d4	236221	11.59			

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/16/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X4572
Lab Sample ID:	X4572-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009771.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/16/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X4572
Lab Sample ID:	X4572-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009771.D	1	9/22/2006	VH092206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	47.69	95 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	48.16	96 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.29	99 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	44.85	90 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	357086	4.68
540-36-3	1,4-Difluorobenzene	579188	5.29
3114-55-4	Chlorobenzene-d5	462440	9.03
3855-82-1	1,4-Dichlorobenzene-d4	246353	11.59

U = Not Detected

RL = Reporting Limit

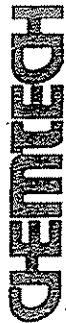
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

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284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922

# CHAIN OF CUSTODY RECORD

www.chemtech.net

CHEMTECH PROJECT NO.

X4572

COC Number

060746

CLIENT INFORMATION		CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION								
COMPANY:	TRC	PROJECT NAME:	LIRE CFE	BILL TO:	TRC							
ADDRESS:	1430 Broadway	PROJECT NO.:	46130	LOCATION:	NY							
CITY:	New York	STATE:	NY	ZIP:	10018							
ATTENTION:	Steve Pleasance	PROJECT MANAGER:	Steve Pleasance	CITY:	New York							
PHONE:	212 201 2821	e-mail:	Steve.Pleasance@LIRECFE.com	STATE:	NY							
FAX:	212 201 2821	PHONE:	212 201 2821	ZIP:	10018							
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		ANALYSIS								
FAX:	Standard	RESULTS ONLY	<input type="checkbox"/> USEPA CLP									
HARD COPY:	Standard	RESULTS + QC	<input checked="" type="checkbox"/> New York State ASP "B"									
EDD:		New Jersey REDUCED	<input type="checkbox"/> New York State ASP "A"									
• TO BE APPROVED BY CHEMTECH STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		New Jersey CLP	<input type="checkbox"/> Other									
CHEMTECH SAMPLE ID		PROJECT IDENTIFICATION		PRESERVATIVES								
1.	MW-2-160R (25-37)	Sol	9/15/06	1	2	3	4	5	6	7	8	9
2.	MW-2-160R (37-39)	Sol	9/15/06	1	2	3	4	5	6	7	8	9
3.	Pre-21d Blank	Water	9/15/06	1	2	3	4	5	6	7	8	9
4.	Tap Blank	Water	9/15/06	1	2	3	4	5	6	7	8	9
5.												
6.												
7.												
8.												
9.												
10.												
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY		COMMENTS										
RECEIVED BY: 1. [Signature]		← Specify Preservatives A-HCl B-HNO <sub>3</sub> C-H <sub>2</sub> SO <sub>4</sub> D-NaOH E-ICE F-Other										
DATE/TIME: 9/15/06 1700		Cooler Temp. 4°C										
RECEIVED BY: 2. [Signature]		Ice in Cooler? Yes										
DATE/TIME: 9/15/06 10:10		SHIPMENT COMPLETE: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>										
RECEIVED BY: 3. [Signature]		SHIPPED VIA: CLIENT: <input type="checkbox"/> HAND DELIVERED <input checked="" type="checkbox"/> OVERNIGHT <input type="checkbox"/>										
DATE/TIME: 9/15/06 10:10		CHEMTECH: <input type="checkbox"/> PICKED UP <input type="checkbox"/>										



SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-2-160R(37-39)
------------------

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4572 SAS No.: X4572 SDG No.: X4572

Matrix (soil/water): SOIL Lab Sample ID: X4572-02

Sample wt/vol: 5.1 (g/mL) g Lab File ID: VH009763.D

Level (low/med): MED Date Received: 9/16/2006

% Moisture: not dec. 13 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4572 SAS No.: X4572 SDG No.: X4572

Matrix (soil/water): WATER Lab Sample ID: VBH0922-01

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH009756.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK02

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4572 SAS No.: X4572 SDG No.: X4572

Matrix (soil/water): WATER Lab Sample ID: VBH0924-01

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH009777.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 9/24/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4572 SAS No.: X4572 SDG No.: X4572

Matrix (soil/water): WATER Lab Sample ID: X4572-03

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH009764.D

Level (low/med): \_\_\_\_\_ Date Received: 9/16/2006

% Moisture: not dec. 100 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK
-----------

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4572 SAS No.: X4572 SDG No.: X4572

Matrix (soil/water): WATER Lab Sample ID: X4572-04

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH009771.D

Level (low/med): \_\_\_\_\_ Date Received: 9/16/2006

% Moisture: not dec. 100 Date Analyzed: 9/22/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_







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

**DATA PACKAGE FOR  
VOLATILE ORGANICS**

**PROJECT NAME: Morris park RI/FS TRC#46130-0010**

**TRC ENVIRONMENTAL CORP., NY  
1430 BROADWAY  
10TH FLOOR  
NEW YORK, NY 10018  
2122217822**

**CHEMTECH PROJECT NO.  
ATTENTION:**

**X4673  
Sam Monte**

**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:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(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.   |

**COVER PAGE**

OrderID: X4673      ProjectID: Morris park RI/FS TRC#461  
CustomerName: TRC Environmental Corp., NY

## LAB SAMPLE NO.

X4673-01

X4673-02

X4673-03

X4673-04

## CLIENT SAMPLE NO

MW-29D(165-167)

MW-29DDUPLICATE(16

FIELD BLANK

TRIP BLANK

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: Nicholas V Reyes      Name: Nicholas V Reyes  
Date: 10/12/06      Title: LOA/KOC

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/22/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/23/2006
Client Sample ID:	MW-29D(165-167)	SDG No.:	X4673
Lab Sample ID:	X4673-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	14
Sample Wt/Vol:	7.9 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004189.D	1	9/27/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	25	U	370	25	ug/Kg
74-87-3	Chloromethane	50	U	370	50	ug/Kg
75-01-4	Vinyl chloride	20	U	370	20	ug/Kg
74-83-9	Bromomethane	58	U	370	58	ug/Kg
75-00-3	Chloroethane	65	U	370	65	ug/Kg
75-69-4	Trichlorofluoromethane	43	U	370	43	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	51	U	370	51	ug/Kg
75-35-4	1,1-Dichloroethene	24	U	370	24	ug/Kg
67-64-1	Acetone	240	U	1800	240	ug/Kg
75-15-0	Carbon disulfide	29	U	370	29	ug/Kg
1634-04-4	Methyl tert-butyl Ether	27	U	370	27	ug/Kg
79-20-9	Methyl Acetate	61	U	370	61	ug/Kg
75-09-2	Methylene Chloride	46	U	370	46	ug/Kg
156-60-5	trans-1,2-Dichloroethene	38	U	370	38	ug/Kg
75-34-3	1,1-Dichloroethane	16	U	370	16	ug/Kg
110-82-7	Cyclohexane	27	U	370	27	ug/Kg
78-93-3	2-Butanone	210	U	1800	210	ug/Kg
56-23-5	Carbon Tetrachloride	35	U	370	35	ug/Kg
156-59-2	cis-1,2-Dichloroethene	57	U	370	57	ug/Kg
67-66-3	Chloroform	42	U	370	42	ug/Kg
71-55-6	1,1,1-Trichloroethane	30	U	370	30	ug/Kg
108-87-2	Methylcyclohexane	44	U	370	44	ug/Kg
71-43-2	Benzene	18	U	370	18	ug/Kg
107-06-2	1,2-Dichloroethane	24	U	370	24	ug/Kg
79-01-6	Trichloroethene	49	U	370	49	ug/Kg
78-87-5	1,2-Dichloropropane	23	U	370	23	ug/Kg
75-27-4	Bromodichloromethane	26	U	370	26	ug/Kg
108-10-1	4-Methyl-2-Pentanone	98	U	1800	98	ug/Kg
108-88-3	Toluene	29	U	370	29	ug/Kg
10061-02-6	t-1,3-Dichloropropene	31	U	370	31	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	11	U	370	11	ug/Kg
79-00-5	1,1,2-Trichloroethane	38	U	370	38	ug/Kg

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	9/22/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	9/23/2006
<b>Client Sample ID:</b>	MW-29D(165-167)	<b>SDG No.:</b>	X4673
<b>Lab Sample ID:</b>	X4673-01	<b>Matrix:</b>	SOIL
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	14
<b>Sample Wt/Wol:</b>	7.9 Units: g	<b>Soil Extract Vol:</b>	10000 uL
<b>Soil Aliquot Vol:</b>	100 uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VF004189.D	1	9/27/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	49	U	1800	49	ug/Kg
124-48-1	Dibromochloromethane	28	U	370	28	ug/Kg
106-93-4	1,2-Dibromoethane	47	U	370	47	ug/Kg
127-18-4	Tetrachloroethene	24	U	370	24	ug/Kg
108-90-7	Chlorobenzene	27	U	370	27	ug/Kg
100-41-4	Ethyl Benzene	30	U	370	30	ug/Kg
126777-61-2	m&p-Xylenes	71	U	740	71	ug/Kg
95-47-6	o-Xylene	27	U	370	27	ug/Kg
100-42-5	Styrene	25	U	370	25	ug/Kg
75-25-2	Bromoform	19	U	370	19	ug/Kg
98-82-8	Isopropylbenzene	25	U	370	25	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	37	U	370	37	ug/Kg
541-73-1	1,3-Dichlorobenzene	27	U	370	27	ug/Kg
106-46-7	1,4-Dichlorobenzene	29	U	370	29	ug/Kg
95-50-1	1,2-Dichlorobenzene	27	U	370	27	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	69	U	370	69	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21	U	370	21	ug/Kg
593-70-4	Chlorofluoromethane	370	U	370	370	ug/Kg
75-43-4	Fluorodichloromethane	370	U	370	370	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	61.3	123 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	54.35	109 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	54.88	110 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	54.5	109 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	1475354	8.07
540-36-3	1,4-Difluorobenzene	1914297	9.41
3114-55-4	Chlorobenzene-d5	1828619	15.38
3855-82-1	1,4-Dichlorobenzene-d4	1268550	20.74

U = Not Detected

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N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	9/22/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	9/23/2006
<b>Client Sample ID:</b>	MW-29DDUPLICATE(165-167)	<b>SDG No.:</b>	X4673
<b>Lab Sample ID:</b>	X4673-02	<b>Matrix:</b>	SOIL
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	12
<b>Sample Wt/Wol:</b>	7.6 Units: g	<b>Soil Extract Vol:</b>	10000 uL
<b>Soil Aliquot Vol:</b>	100 uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VF004192.D	1	9/27/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	25	U	370	25	ug/Kg
74-87-3	Chloromethane	51	U	370	51	ug/Kg
75-01-4	Vinyl chloride	20	U	370	20	ug/Kg
74-83-9	Bromomethane	58	U	370	58	ug/Kg
75-00-3	Chloroethane	66	U	370	66	ug/Kg
75-69-4	Trichlorofluoromethane	43	U	370	43	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	52	U	370	52	ug/Kg
75-35-4	1,1-Dichloroethene	24	U	370	24	ug/Kg
67-64-1	Acetone	250	U	1900	250	ug/Kg
75-15-0	Carbon disulfide	29	U	370	29	ug/Kg
1634-04-4	Methyl tert-butyl Ether	27	U	370	27	ug/Kg
79-20-9	Methyl Acetate	62	U	370	62	ug/Kg
75-09-2	Methylene Chloride	46	U	370	46	ug/Kg
156-60-5	trans-1,2-Dichloroethene	38	U	370	38	ug/Kg
75-34-3	1,1-Dichloroethane	16	U	370	16	ug/Kg
110-82-7	Cyclohexane	27	U	370	27	ug/Kg
78-93-3	2-Butanone	210	U	1900	210	ug/Kg
56-23-5	Carbon Tetrachloride	35	U	370	35	ug/Kg
156-59-2	cis-1,2-Dichloroethene	57	U	370	57	ug/Kg
67-66-3	Chloroform	43	U	370	43	ug/Kg
71-55-6	1,1,1-Trichloroethane	30	U	370	30	ug/Kg
108-87-2	Methylcyclohexane	45	U	370	45	ug/Kg
71-43-2	Benzene	18	U	370	18	ug/Kg
107-06-2	1,2-Dichloroethane	24	U	370	24	ug/Kg
79-01-6	Trichloroethene	50	U	370	50	ug/Kg
78-87-5	1,2-Dichloropropane	24	U	370	24	ug/Kg
75-27-4	Bromodichloromethane	26	U	370	26	ug/Kg
108-10-1	4-Methyl-2-Pentanone	99	U	1900	99	ug/Kg
108-88-3	Toluene	29	U	370	29	ug/Kg
10061-02-6	t-1,3-Dichloropropene	32	U	370	32	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	11	U	370	11	ug/Kg
79-00-5	1,1,2-Trichloroethane	39	U	370	39	ug/Kg

U = Not Detected

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/22/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/23/2006
Client Sample ID:	MW-29DDUPLICATE(165-167)	SDG No.:	X4673
Lab Sample ID:	X4673-02	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	12
Sample Wt/Wol:	7.6 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004192.D	1	9/27/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	49	U	1900	49	ug/Kg
124-48-1	Dibromochloromethane	28	U	370	28	ug/Kg
106-93-4	1,2-Dibromoethane	47	U	370	47	ug/Kg
127-18-4	Tetrachloroethene	25	U	370	25	ug/Kg
108-90-7	Chlorobenzene	27	U	370	27	ug/Kg
100-41-4	Ethyl Benzene	30	U	370	30	ug/Kg
126777-61-2	m&p-Xylenes	72	U	750	72	ug/Kg
95-47-6	o-Xylene	27	U	370	27	ug/Kg
100-42-5	Styrene	26	U	370	26	ug/Kg
75-25-2	Bromoform	19	U	370	19	ug/Kg
98-82-8	Isopropylbenzene	25	U	370	25	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	37	U	370	37	ug/Kg
541-73-1	1,3-Dichlorobenzene	28	U	370	28	ug/Kg
106-46-7	1,4-Dichlorobenzene	29	U	370	29	ug/Kg
95-50-1	1,2-Dichlorobenzene	27	U	370	27	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	70	U	370	70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21	U	370	21	ug/Kg
593-70-4	Chlorofluoromethane	370	U	370	370	ug/Kg
75-43-4	Fluorodichloromethane	370	U	370	370	ug/Kg
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	60.37	121 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	53.66	107 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	52.85	106 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	52.77	106 %	75 - 125		SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	1206923	8.08			
540-36-3	1,4-Difluorobenzene	1539162	9.41			
3114-55-4	Chlorobenzene-d5	1456013	15.39			
3855-82-1	1,4-Dichlorobenzene-d4	1011617	20.73			

U = Not Detected  
RL = Reporting Limit  
MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
N = Presumptive Evidence of a Compound





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	9/22/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/23/2006
Client Sample ID:	FIELD BLANK	SDG No.:	X4673
Lab Sample ID:	X4673-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004187.D	1	9/27/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/22/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/23/2006
Client Sample ID:	FIELDBLANK	SDG No.:	X4673
Lab Sample ID:	X4673-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004187.D	1	9/27/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	51.76	104 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	50.65	101 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	52.68	105 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	51.01	102 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	1895936	8.07
540-36-3	1,4-Difluorobenzene	2272230	9.40
3114-55-4	Chlorobenzene-d5	2081889	15.39
3855-82-1	1,4-Dichlorobenzene-d4	1461195	20.74

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/22/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/23/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X4673
Lab Sample ID:	X4673-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004188.D	1	9/27/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	9/22/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	9/23/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X4673
Lab Sample ID:	X4673-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF004188.D	1	9/27/2006	VF092106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	55.16	110 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	52.05	104 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	52	104 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	51.06	102 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	1626935	8.09
540-36-3	1,4-Difluorobenzene	2036545	9.42
3114-55-4	Chlorobenzene-d5	1893325	15.39
3855-82-1	1,4-Dichlorobenzene-d4	1292697	20.73

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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

CHEMTECH PROJECT NO. **X4673**

COC Number **060747**

CLIENT INFORMATION				CLIENT PROJECT INFORMATION				CLIENT BILLING INFORMATION									
<b>COMPANY:</b> <u>TRC</u> <b>ADDRESS:</b> <u>1430 Broadway</u> <b>CITY:</b> <u>New York</u> <b>STATE:</b> <u>NY</u> <b>ZIP:</b> <u>10018</u> <b>ATTENTION:</b> <u>Steve Meersma</u> <b>PHONE:</b> <u>212 221 7822</u> <b>FAX:</b> <u>212 221 7840</u>				<b>PROJECT NAME:</b> <u>LIRR CFC</u> <b>PROJECT NO.:</b> <u>46130</u> <b>LOCATION:</b> <u>NY</u> <b>PROJECT MANAGER:</b> <u>S. Meersma</u> <b>e-mail:</b> <u>Smearsma@trc-solutions.com</u> <b>PHONE:</b> <u>212 221 7822</u> <b>FAX:</b> <u>212 221 7840</u>				<b>BILL TO:</b> <u>TRC</u> <b>PO#:</b> <u>46130</u> <b>ADDRESS:</b> <u>1430 Broadway</u> <b>CITY:</b> <u>New York</u> <b>STATE:</b> <u>NY</u> <b>ZIP:</b> <u>10018</u> <b>ATTENTION:</b> <u>S. Meersma</u> <b>PHONE:</b> <u>212 221 7822</u>									
<b>DATA TURNAROUND INFORMATION</b> <b>FAX:</b> _____ <b>DAYS:</b> _____ <b>HARD COPY:</b> _____ <b>DAYS:</b> _____ <b>EQD:</b> _____ <b>DAYS:</b> _____ <b>* TO BE APPROVED BY CHEMTECH</b> <b>STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS</b>				<b>DATA DELIVERABLE INFORMATION</b> <input type="checkbox"/> RESULTS ONLY <input type="checkbox"/> USEPA CLP <input type="checkbox"/> RESULTS + QC <input checked="" type="checkbox"/> New York State ASP "B" <input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A" <input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____ <input type="checkbox"/> EDD FORMAT _____				<b>ANALYSIS</b> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>									
CHEMTECH SAMPLE ID		PROJECT IDENTIFICATION		SAMPLE MATRIX		SAMPLE TYPE		SAMPLE COLLECTION		PRESERVATIVES		COMMENTS					
1.	MW-290 (165467)	Soil	X	9/24/06	1115	2	X	1	2	3	4	5	6	7	8	9	
2.	MW-290 duplicate (165467)	Soil	X	9/24/06	1115	2	X										
3.	Field Blank	Water		9/24/06	1400	2	X										
4.	Trip Blank	Water				2	X										
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY			
<b>RELINQUISHED BY SAMPLER:</b> <u>[Signature]</u> <b>DATE/TIME:</b> <u>9/24/06</u>	<b>RECEIVED BY:</b> <b>1.</b> <u>[Signature]</u> <b>DATE/TIME:</b> <u>9/24/06</u>	<b>CONDITIONS OF BOTTLES OR COOLERS AT RECEIPT:</b> <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant MeOH extraction requires an additional 4 oz jar for percent solid.	
<b>RELINQUISHED BY:</b> <b>2.</b> <u>[Signature]</u> <b>DATE/TIME:</b> <u>9/23/06</u>	<b>RECEIVED BY:</b> <b>2.</b> <u>[Signature]</u> <b>DATE/TIME:</b> <u>9/23/06</u>	<b>COOLER TEMP.</b> <u>4°C</u> <b>ICE IN COOLER?</b> <u>Yes</u>	
<b>RELINQUISHED BY:</b> <b>3.</b> <u>[Signature]</u> <b>DATE/TIME:</b> <u>9/23/06</u>	<b>RECEIVED FOR LAB BY:</b> <b>3.</b> <u>[Signature]</u> <b>DATE/TIME:</b> <u>9/23/06</u>	<b>SHIPMENT COMPLETE:</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4673 SAS No.: X4673 SDG No.: X4673

Matrix (soil/water): SOIL Lab Sample ID: VB0927M1

Sample wt/vol: 5.0 (g/mL) g Lab File ID: VF004186.D

Level (low/med): MED Date Received: \_\_\_\_\_

% Moisture: not dec. 0 Date Analyzed: 9/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	50	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-29D (165-167)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4673 SAS No.: X4673 SDG No.: X4673

Matrix (soil/water): SOIL Lab Sample ID: X4673-01

Sample wt/vol: 7.9 (g/mL) g Lab File ID: VF004189.D

Level (low/med): MED Date Received: 9/23/2006

% Moisture: not dec. 14 Date Analyzed: 9/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	50	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-29DDUPLICATE (165-1)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4673 SAS No.: X4673 SDG No.: X4673

Matrix (soil/water): SOIL Lab Sample ID: X4673-02

Sample wt/vol: 7.6 (g/mL) g Lab File ID: VF004192.D

Level (low/med): MED Date Received: 9/23/2006

% Moisture: not dec. 12 Date Analyzed: 9/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Diffuorochloromethane	2.00	50	U

Comments: \_\_\_\_\_



VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VELK01

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4673 SAS No.: X4673 SDG No.: X4673

Matrix (soil/water): WATER Lab Sample ID: VBF0927W2

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VF004185.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 9/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4673 SAS No.: X4673 SDG No.: X4673

Matrix (soil/water): WATER Lab Sample ID: X4673-03

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VF004187.D

Level (low/med): \_\_\_\_\_ Date Received: 9/23/2006

% Moisture: not dec. 100 Date Analyzed: 9/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4673 SAS No.: X4673 SDG No.: X4673

Matrix (soil/water): WATER Lab Sample ID: X4673-04

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VF004188.D

Level (low/med): \_\_\_\_\_ Date Received: 9/23/2006

% Moisture: not dec. 100 Date Analyzed: 9/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	2.00	50	U

Comments: \_\_\_\_\_



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

**DATA PACKAGE FOR  
VOLATILE ORGANICS**

**PROJECT NAME: Morris park RI/FS TRC#46130-0010**

**TRC ENVIRONMENTAL CORP., NY  
1430 BROADWAY  
10TH FLOOR  
NEW YORK, NY 10018  
2122217822**

**CHEMTECH PROJECT NO.  
ATTENTION:**

**X4794  
Steven Meersma**

## COVER PAGE

OrderID: X4794

ProjectID: Morris park RI/FS TRC#461  
CustomerName: TRC Environmental Corp., NY

## LAB SAMPLE NO.

X4794-01

X4794-02

X4794-03

X4794-04

## CLIENT SAMPLE NO

B-1(18-20)

B-1(36-38)

FIELDBLANK

TRIPBLANK

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 Vdeys Name: Mildred Vdeys  
Date: 10/19/06 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: <ol style="list-style-type: none"><li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li><li>(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..</li></ol>
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.

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	10/3/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	10/4/2006
Client Sample ID:	B-1(18-20)	SDG No.:	X4794
Lab Sample ID:	X4794-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	7
Sample Wt/Wol:	6.9 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI008032.D	1	10/17/2006	VI101506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	26	U	390	26	ug/Kg
74-87-3	Chloromethane	100	J	390	53	ug/Kg
75-01-4	Vinyl chloride	21	U	390	21	ug/Kg
74-83-9	Bromomethane	100	J	390	61	ug/Kg
75-00-3	Chloroethane	69	U	390	69	ug/Kg
75-69-4	Trichlorofluoromethane	45	U	390	45	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	54	U	390	54	ug/Kg
75-35-4	1,1-Dichloroethene	25	U	390	25	ug/Kg
67-64-1	Acetone	2000		1900	260	ug/Kg
75-15-0	Carbon disulfide	30	U	390	30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	28	U	390	28	ug/Kg
79-20-9	Methyl Acetate	64	U	390	64	ug/Kg
75-09-2	Methylene Chloride	48	U	390	48	ug/Kg
156-60-5	trans-1,2-Dichloroethene	40	U	390	40	ug/Kg
75-34-3	1,1-Dichloroethane	17	U	390	17	ug/Kg
110-82-7	Cyclohexane	29	U	390	29	ug/Kg
78-93-3	2-Butanone	220	U	1900	220	ug/Kg
56-23-5	Carbon Tetrachloride	37	U	390	37	ug/Kg
156-59-2	cis-1,2-Dichloroethene	60	U	390	60	ug/Kg
67-66-3	Chloroform	45	U	390	45	ug/Kg
71-55-6	1,1,1-Trichloroethane	32	U	390	32	ug/Kg
108-87-2	Methylcyclohexane	47	U	390	47	ug/Kg
71-43-2	Benzene	19	U	390	19	ug/Kg
107-06-2	1,2-Dichloroethane	25	U	390	25	ug/Kg
79-01-6	Trichloroethene	52	U	390	52	ug/Kg
78-87-5	1,2-Dichloropropane	25	U	390	25	ug/Kg
75-27-4	Bromodichloromethane	27	U	390	27	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100	U	1900	100	ug/Kg
108-88-3	Toluene	30	U	390	30	ug/Kg
10061-02-6	t-1,3-Dichloropropene	33	U	390	33	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	12	U	390	12	ug/Kg
79-00-5	1,1,2-Trichloroethane	40	U	390	40	ug/Kg

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	10/3/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	10/4/2006
Client Sample ID:	B-1(18-20)	SDG No.:	X4794
Lab Sample ID:	X4794-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	7
Sample Wt/Wol:	6.9 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI008032.D	1	10/17/2006	VI101506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	51	U	1900	51	ug/Kg
124-48-1	Dibromochloromethane	29	U	390	29	ug/Kg
106-93-4	1,2-Dibromoethane	49	U	390	49	ug/Kg
127-18-4	Tetrachloroethene	26	U	390	26	ug/Kg
108-90-7	Chlorobenzene	29	U	390	29	ug/Kg
100-41-4	Ethyl Benzene	32	U	390	32	ug/Kg
126777-61-2	m&p-Xylenes	75	U	780	75	ug/Kg
95-47-6	o-Xylene	29	U	390	29	ug/Kg
100-42-5	Styrene	27	U	390	27	ug/Kg
75-25-2	Bromoform	20	U	390	20	ug/Kg
98-82-8	Isopropylbenzene	26	U	390	26	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	38	U	390	38	ug/Kg
541-73-1	1,3-Dichlorobenzene	29	U	390	29	ug/Kg
106-46-7	1,4-Dichlorobenzene	30	U	390	30	ug/Kg
95-50-1	1,2-Dichlorobenzene	28	U	390	28	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	73	U	390	73	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	22	U	390	22	ug/Kg
593-70-4	Chlorofluoromethane	390	U	390	390	ug/Kg
75-43-4	Fluorodichloromethane	390	U	390	390	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	40.42	81 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	49.15	98 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	51.28	103 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	49.39	99 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	259210	3.69
540-36-3	1,4-Difluorobenzene	499434	4.13
3114-55-4	Chlorobenzene-d5	573637	7.16
3855-82-1	1,4-Dichlorobenzene-d4	310989	9.49

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	10/3/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	10/4/2006
Client Sample ID:	B-1(36-38)	SDG No.:	X4794
Lab Sample ID:	X4794-02	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	5
Sample Wt/Wol:	5.9 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI008033.D	1	10/17/2006	VI101506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	30	U	450	30	ug/Kg
74-87-3	Chloromethane	61	U	450	61	ug/Kg
75-01-4	Vinyl chloride	24	U	450	24	ug/Kg
74-83-9	Bromomethane	200	J	450	70	ug/Kg
75-00-3	Chloroethane	79	U	450	79	ug/Kg
75-69-4	Trichlorofluoromethane	52	U	450	52	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	62	U	450	62	ug/Kg
75-35-4	1,1-Dichloroethene	29	U	450	29	ug/Kg
67-64-1	Acetone	2200		2200	300	ug/Kg
75-15-0	Carbon disulfide	35	U	450	35	ug/Kg
1634-04-4	Methyl tert-butyl Ether	32	U	450	32	ug/Kg
79-20-9	Methyl Acetate	74	U	450	74	ug/Kg
75-09-2	Methylene Chloride	56	U	450	56	ug/Kg
156-60-5	trans-1,2-Dichloroethene	46	U	450	46	ug/Kg
75-34-3	1,1-Dichloroethane	19	U	450	19	ug/Kg
110-82-7	Cyclohexane	33	U	450	33	ug/Kg
78-93-3	2-Butanone	250	U	2200	250	ug/Kg
56-23-5	Carbon Tetrachloride	42	U	450	42	ug/Kg
156-59-2	cis-1,2-Dichloroethene	69	U	450	69	ug/Kg
67-66-3	Chloroform	51	U	450	51	ug/Kg
71-55-6	1,1,1-Trichloroethane	37	U	450	37	ug/Kg
108-87-2	Methylcyclohexane	54	U	450	54	ug/Kg
71-43-2	Benzene	22	U	450	22	ug/Kg
107-06-2	1,2-Dichloroethane	29	U	450	29	ug/Kg
79-01-6	Trichloroethene	60	U	450	60	ug/Kg
78-87-5	1,2-Dichloropropane	28	U	450	28	ug/Kg
75-27-4	Bromodichloromethane	31	U	450	31	ug/Kg
108-10-1	4-Methyl-2-Pentanone	120	U	2200	120	ug/Kg
108-88-3	Toluene	35	U	450	35	ug/Kg
10061-02-6	t-1,3-Dichloropropene	38	U	450	38	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	14	U	450	14	ug/Kg
79-00-5	1,1,2-Trichloroethane	46	U	450	46	ug/Kg

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	10/3/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	10/4/2006
Client Sample ID:	B-1(36-38)	SDG No.:	X4794
Lab Sample ID:	X4794-02	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	5
Sample Wt/Wol:	5.9 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI008033.D	1	10/17/2006	VI101506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	59	U	2200	59	ug/Kg
124-48-1	Dibromochloromethane	34	U	450	34	ug/Kg
106-93-4	1,2-Dibromoethane	57	U	450	57	ug/Kg
127-18-4	Tetrachloroethene	30	U	450	30	ug/Kg
108-90-7	Chlorobenzene	33	U	450	33	ug/Kg
100-41-4	Ethyl Benzene	37	U	450	37	ug/Kg
126777-61-2	m&p-Xylenes	86	U	900	86	ug/Kg
95-47-6	o-Xylene	33	U	450	33	ug/Kg
100-42-5	Styrene	31	U	450	31	ug/Kg
75-25-2	Bromoform	23	U	450	23	ug/Kg
98-82-8	Isopropylbenzene	30	U	450	30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	44	U	450	44	ug/Kg
541-73-1	1,3-Dichlorobenzene	33	U	450	33	ug/Kg
106-46-7	1,4-Dichlorobenzene	35	U	450	35	ug/Kg
95-50-1	1,2-Dichlorobenzene	33	U	450	33	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	84	U	450	84	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	26	U	450	26	ug/Kg
593-70-4	Chlorofluoromethane	450	U	450	450	ug/Kg
75-43-4	Fluorodichloromethane	450	U	450	450	ug/Kg

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	41.82	84 %	75 - 125	SPK: 50
1868-53-7	Dibromofluoromethane	48.8	98 %	75 - 125	SPK: 50
2037-26-5	Toluene-d8	50.79	102 %	75 - 125	SPK: 50
460-00-4	4-Bromofluorobenzene	48.77	98 %	75 - 125	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	258867	3.69
540-36-3	1,4-Difluorobenzene	505198	4.13
3114-55-4	Chlorobenzene-d5	571740	7.16
3855-82-1	1,4-Dichlorobenzene-d4	311056	9.49

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Summary Sheet  
SW-846

SDG No.: X4794

Order ID: X4794

Client: TRC Environmental Corp., NY

Project ID: TRCE03

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	B-1(18-20)							
X4794-01	B-1(18-20)	SOIL	Chloromethane	100	J	390	53	ug/Kg
X4794-01	B-1(18-20)	SOIL	Bromomethane	100	J	390	61	ug/Kg
X4794-01	B-1(18-20)	SOIL	Acetone	2000		1900	260	ug/Kg
			Total VOC's:	2200.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	2200.00				
Client ID:	B-1(36-38)							
X4794-02	B-1(36-38)	SOIL	Bromomethane	200	J	450	70	ug/Kg
X4794-02	B-1(36-38)	SOIL	Acetone	2200		2200	300	ug/Kg
			Total VOC's:	2400.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	2400.00				

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	10/3/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	10/4/2006
<b>Client Sample ID:</b>	FIELD BLANK	<b>SDG No.:</b>	X4794
<b>Lab Sample ID:</b>	X4794-03	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	5.0 Units: mL	<b>Soil Extract Vol:</b>	uL
<b>Soil Aliquot Vol:</b>	uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VI008012.D	1	10/16/2006	VI1015016

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	10	JB	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	10/3/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	10/4/2006
Client Sample ID:	FIELDBLANK	SDG No.:	X4794
Lab Sample ID:	X4794-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI008012.D	1	10/16/2006	VI1015016

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	43.05	86 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	50.72	101 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	51.04	102 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.59	97 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	270310	3.69
540-36-3	1,4-Difluorobenzene	522375	4.13
3114-55-4	Chlorobenzene-d5	577279	7.15
3855-82-1	1,4-Dichlorobenzene-d4	320045	9.49

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	10/3/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	10/4/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X4794
Lab Sample ID:	X4794-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI008013.D	1	10/16/2006	VI1015016

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	9.9	JB	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	10/3/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	10/4/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X4794
Lab Sample ID:	X4794-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI008013.D	1	10/16/2006	VI1015016

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	43.16	86 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	51.1	102 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	51.83	104 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.01	96 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	264649	3.69
540-36-3	1,4-Difluorobenzene	512382	4.13
3114-55-4	Chlorobenzene-d5	552291	7.15
3855-82-1	1,4-Dichlorobenzene-d4	305395	9.48

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

### CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
[www.chemtech.net](http://www.chemtech.net)

CHEMTECH PROJECT NO.

COC Number

060777

CLIENT INFORMATION		REPORT TO BE SENT TO:		CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION							
COMPANY: <b>TRE</b>		ADDRESS: <b>1430 Broadway</b>		PROJECT NAME: <b>LTPA-CFL</b>		BILL TO: <b>TRE</b>							
CITY: <b>New York</b>		STATE: <b>NY</b>		PROJECT NO.: <b>46130</b>		ADDRESS: <b>1430 Broadway</b>							
ATTENTION: <b>5 Meehan</b>		STANDARD ZIP: <b>10018</b>		PROJECT MANAGER: <b>S. Meehan</b>		CITY: <b>New York</b>							
PHONE: <b>212 221 7822</b>		FAX: <b>212 221 7840</b>		E-MAIL: <b>S.Meehan@tre-solutions.com</b>		ATTENTION: <b>S. Meehan</b>							
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		ANALYSIS		PRESERVATIVES							
FAX: <b>512 221 7822</b>		RESULTS ONLY <input type="checkbox"/> USEPA CLP		PHONE: <b>212 221 7822</b>		1 2 3 4 5 6 7 8 9							
HARD COPY: <b>512 221 7822</b>		RESULTS + QC <input checked="" type="checkbox"/> New York State ASP "B"		FAX: <b>212 221 7840</b>									
E-MAIL: <b>512 221 7822</b>		New Jersey REDUCED <input type="checkbox"/> New York State ASP "A"											
		New Jersey CLP <input type="checkbox"/> Other											
		EDD FORMAT <input type="checkbox"/>											
TO BE APPROVED BY CHEMTECH STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		PROJECT IDENTIFICATION SAMPLE ID		SAMPLE MATRIX		SAMPLE TYPE GRADE		SAMPLE COLLECTION DATE TIME		# OF BOTTLES		COMMENTS ← Specify Preservatives A-HCl B-HNO <sub>3</sub> C-H <sub>2</sub> SO <sub>4</sub> D-NaOH E-ICE F-Other	
1. <b>B-1 (18-20)</b>		<b>Soil</b>		<b>X</b>		<b>10/3/06</b>		<b>900</b>		<b>2</b>			
2. <b>B-1 (36-38)</b>		<b>Soil</b>		<b>X</b>		<b>10/3/06</b>		<b>1000</b>		<b>2</b>			
3. <b>Field Blank</b>		<b>Water</b>		<b>X</b>		<b>10/3/06</b>		<b>1000</b>		<b>2</b>			
4. <b>Trip Blank</b>		<b>Water</b>		<b>X</b>		<b>10/3/06</b>		<b>1000</b>		<b>2</b>			
5.													
6.													
7.													
8.													
9.													
10.													
CHEMTECH SAMPLE ID				SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY									
RECEIVED BY: <b>10/3/06</b>				RECEIVED BY: <b>10/3/06</b>									
DATE: <b>10/3/06</b>				DATE: <b>10/3/06</b>									
TIME: <b>10/3/06</b>				TIME: <b>10/3/06</b>									
RECEIVED FOR LAB BY: <b>3. Daniel Turner</b>				RECEIVED FOR LAB BY: <b>3. Daniel Turner</b>									
DATE: <b>10/4/06</b>				DATE: <b>10/4/06</b>									
TIME: <b>10/4/06</b>				TIME: <b>10/4/06</b>									
COOLER TEMP: <b>5°C</b>				COOLER TEMP: <b>5°C</b>									
ICE IN COOLER: <b>YES</b>				ICE IN COOLER: <b>YES</b>									
SHIPPED VIA: <b>OVERNIGHT</b>				SHIPPED VIA: <b>OVERNIGHT</b>									
CLIENT: <b>Hand Delivered</b>				CLIENT: <b>Hand Delivered</b>									
CHEMTECH: <b>PICKED UP</b>				CHEMTECH: <b>PICKED UP</b>									
SHIPMENT COMPLETE: <b>YES</b>				SHIPMENT COMPLETE: <b>YES</b>									

**Deutscher Akademischer Austauschdienst**



SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01
--------

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4794 SAS No.: X4794 SDG No.: X4794

Matrix (soil/water): SOIL Lab Sample ID: VBH1011-02

Sample wt/vol: 5.0 (g/mL) g Lab File ID: VH010358.D

Level (low/med): MED Date Received: \_\_\_\_\_

% Moisture: not dec. 0 Date Analyzed: 10/11/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK02

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4794 SAS No.: X4794 SDG No.: X4794

Matrix (soil/water): SOIL Lab Sample ID: VBI1017-01

Sample wt/vol: 5.0 (g/mL) g Lab File ID: VI008028.D

Level (low/med): MED Date Received: \_\_\_\_\_

% Moisture: not dec. 0 Date Analyzed: 10/17/2006

GC Column: RTXVMS ID: 0.18 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.04	50	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-1 (18-20)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4794 SAS No.: X4794 SDG No.: X4794

Matrix (soil/water): SOIL Lab Sample ID: X4794-01

Sample wt/vol: 6.9 (g/mL) g Lab File ID: VI008032.D

Level (low/med): MED Date Received: 10/4/2006

% Moisture: not dec. 7 Date Analyzed: 10/17/2006

GC Column: RTXVMS ID: 0.18 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.04	50	U

Comments: \_\_\_\_\_

SOIL VOLATILE ANALYSIS  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-1(36-38)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4794 SAS No.: X4794 SDG No.: X4794

Matrix (soil/water): SOIL Lab Sample ID: X4794-02

Sample wt/vol: 5.9 (g/mL) g Lab File ID: VI008033.D

Level (low/med): MED Date Received: 10/4/2006

% Moisture: not dec. 5 Date Analyzed: 10/17/2006

GC Column: RTXVMS ID: 0.18 Dilution Factor: 1.0

Soil Extract Volume: 10000 Soil Aliquot Volume: 100

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.04	50	U

Comments: \_\_\_\_\_

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4794 SAS No.: X4794 SDG No.: X4794

Matrix (soil/water): WATER Lab Sample ID: VBI1016-01

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VI008009.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 10/16/2006

GC Column: RTXVMS ID: 0.18 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.04	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4794 SAS No.: X4794 SDG No.: X4794

Matrix (soil/water): WATER Lab Sample ID: X4794-03

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VI008012.D

Level (low/med): \_\_\_\_\_ Date Received: 10/4/2006

% Moisture: not dec. 100 Date Analyzed: 10/16/2006

GC Column: RTXVMS ID: 0.18 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.04	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X4794 SAS No.: X4794 SDG No.: X4794

Matrix (soil/water): WATER Lab Sample ID: X4794-04

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VI008013.D

Level (low/med): \_\_\_\_\_ Date Received: 10/4/2006

% Moisture: not dec. 100 Date Analyzed: 10/16/2006

GC Column: RTXVMS ID: 0.18 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number FICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.04	50	U

Comments: \_\_\_\_\_

# CHEMTECH

## CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO. **X4989**  
COC Number **061354**

CLIENT INFORMATION				CLIENT PROJECT INFORMATION				CLIENT BILLING INFORMATION									
REPORT TO BE SENT TO:				PROJECT NAME: <b>LIRR CTR</b>				BILL TO: <b>TRE</b> PO# <b>46130</b>									
COMPANY: <b>TRE</b>				PROJECT NO.: <b>46130</b> LOCATION <b>NY</b>				ADDRESS: <b>1430 Broadway</b>									
ADDRESS: <b>1430 Broadway</b>				PROJECT MANAGER: <b>S. Meersma</b>				CITY: <b>New York</b> STATE: <b>NY</b> ZIP: <b>10018</b>									
CITY: <b>New York</b> STATE: <b>NY</b> ZIP: <b>10018</b>				e-mail: <b>Smeersma@Tresolutions.co</b>				ATTENTION: <b>S. Meersma</b> PHONE: <b>212 221 7821</b>									
ATTENTION: <b>S. Meersma</b>				PHONE: <b>212 221 7821</b> FAX: <b>212 221 7840</b>				ANALYSIS									
PHONE: <b>212 221 7821</b> FAX: <b>212 221 7840</b>				DATA DELIVERABLE INFORMATION													
DATA TURNAROUND INFORMATION																	
FAX: _____ DAYS *				<input type="checkbox"/> RESULTS ONLY <input type="checkbox"/> USEPA CLP				<div style="transform: rotate(-45deg); position: absolute; top: 0; left: 0; font-size: small;"> 1 TUP 10A 2 TUP SVOC 3 PCB 4 TUP metals (PCRB) 5 TUP Herbicides 6 TUP Pesticides 7 TUP mecury 8 TUP mecury 9 TUP mecury </div>									
HARD COPY: _____ DAYS *				<input type="checkbox"/> RESULTS + QC <input type="checkbox"/> New York State ASP "B"													
EDD: _____ DAYS *				<input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A"													
* TO BE APPROVED BY CHEMTECH				<input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____													
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS				<input type="checkbox"/> EDD FORMAT _____													
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl B-HNO <sub>3</sub> C-H <sub>2</sub> SO <sub>4</sub> D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	<b>Drum Composite - 1</b>	<b>Sol</b>	<b>X</b>		<b>10/18/06</b>	<b>143</b>	<b>4</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																	
RELINQUISHED BY SAMPLER:		DATE/TIME:		RECEIVED BY:		Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant						Cooler Temp. <b>4°C</b>					
1. <b>[Signature]</b>		<b>10/18/06 1800</b>		1		MeOH extraction requires an additional 4 oz jar for percent solid.						Ice In Cooler?: <b>Yes</b>					
RELINQUISHED BY:		DATE/TIME:		RECEIVED BY:		Comments:											
2.				2													
RELINQUISHED BY:		DATE/TIME:		RECEIVED FOR LAB BY:		SHIPPED VIA: CLIENT <input type="checkbox"/> HAND DELIVERED <input checked="" type="checkbox"/> OVERNIGHT						Shipment Complete: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
3. <b>Fedex</b>		<b>10/19/06</b>		3. <b>Jim Munoz</b>		Page <b>1</b> of <b>1</b>											





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

**Client:** TRC Environmental Corp., NY

**Date Collected:** 10/18/06

**Project ID:** Morris park RI /FS TRC#46130-0010

**Date Received:** 10/19/06

**Customer Sample No.:** DRUMCOMPOSITE-1

**Lab Sample ID:** X4989-01

**Test:** Corrosivity

**SDG ID:** X4989

**Analytical Method:** 9045 Corrosivity

**% Moisture:** 0.00

**Result Type:** Final

**Datafile:** LB31163

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
	Corrosivity (as pH)	8.3		pH	0.00	0.00	1	



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## Report of Analysis

**Client:** TRC Environmental Corp., NY

**Date Collected:** 10/18/06

**Project ID:** Morris park RI /FS TRC#46130-0010

**Date Received:** 10/19/06

**Customer Sample No.:** DRUMCOMPOSITE-1

**Lab Sample ID:** X4989-01

**Test:** Ignitability

**SDG ID:** X4989

**Analytical Method:** SW-846 CH 7.1 Ignitability

**% Moisture:** 0.00

**Result Type:** Final

**Datafile:** Ib31168

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
	<b>Ignitability</b>	<b>NO</b>		<b>ignit.</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1</b>	



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	10/18/06
Project ID:	Morris park RI /FS TRC#46130-0010	Date Received:	10/19/06
Customer Sample No.:	DRUMCOMPOSITE-1	Lab Sample ID:	X4989-01
Test:	Reactive Cyanide	SDG ID:	X4989
Analytical Method:	7.3.3.2 Reactive Cyanide	% Moisture:	0.00
Result Type:	Final	Datafile:	LB31161

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
	Reactive Cyanide	ND	U	mg/Kg	10	10	1	



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## Report of Analysis

Client: TRC Environmental Corp., NY

Date Collected: 10/18/06

Project ID: Morris park RI /FS TRC#46130-0010

Date Received: 10/19/06

Customer Sample No.: DRUMCOMPOSITE-1

Lab Sample ID: X4989-01

Test: Reactive Sulfide

SDG ID: X4989

Analytical Method: 7.3.4.2 Reactive Sulfide

% Moisture: 0.00

Result Type: Final

Datafile: LB31162

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
	Reactive Sulfide	ND	U	mg/Kg	40	40	1	



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## Report of Analysis

Client: TRC Environmental Corp., NY

Date Collected: 10/18/06

Project ID: Morris park RI /FS TRC#46130-0010

Date Received: 10/19/06

Customer Sample No.: DRUMCOMPOSITE-1

Lab Sample ID: X4989-01

Test: TCLP BNA

SDG ID: X4989

Analytical Method: EPA SW-846 8270

% Moisture: 100.00

Result Type: Final

Datafile: BF006856

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
110-86-1	Pyridine	ND	U	ug/L	0.980	10	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/L	1.2	10	1	
95-48-7	2-Methylphenol	ND	U	ug/L	1.5	10	1	
106-44-5	3+4-Methylphenols	ND	U	ug/L	1.3	10	1	
67-72-1	Hexachloroethane	ND	U	ug/L	1.2	10	1	
98-95-3	Nitrobenzene	ND	U	ug/L	1.6	10	1	
87-68-3	Hexachlorobutadiene	ND	U	ug/L	1.4	10	1	
95-95-4	2,4,5-Trichlorophenol	ND	U	ug/L	1.2	10	1	
88-06-2	2,4,6-Trichlorophenol	ND	U	ug/L	1.1	10	1	
121-14-2	2,4-Dinitrotoluene	ND	U	ug/L	1.2	10	1	
118-74-1	Hexachlorobenzene	ND	U	ug/L	1.2	10	1	
87-86-5	Pentachlorophenol	ND	U	ug/L	1.6	10	1	



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client: TRC Environmental Corp., NY

Date Collected: 10/18/06

Project ID: Morris park RI /FS TRC#46130-0010

Date Received: 10/19/06

Customer Sample No.: DRUMCOMPOSITE-1

Lab Sample ID: X4989-01

Test: TCLP Herbicide

SDG ID: X4989

Analytical Method: EPA SW-846 8151

% Moisture: 100.00

Result Type: Final

Datafile: P8003544

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
94-75-7	2,4-D	ND	U	ug/L	1.000	2.0	1	
93-72-1	2,4,5-TP (SILVEX)	ND	U	ug/L	1.000	2.0	1	



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## Report of Analysis

Client: TRC Environmental Corp., NY

Date Collected: 10/18/06

Project ID: Morris park RI /FS TRC#46130-0010

Date Received: 10/19/06

Customer Sample No.: DRUMCOMPOSITE-1

Lab Sample ID: X4989-01

Test: TCLP ICP Metals

SDG ID: X4989

Analytical Method: EPA SW-846 6010 - ICP1

% Moisture: 100.00

Result Type: Final

Datafile: P1102406

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7440-38-2	Arsenic	ND	U	ug/L	33.2	100	1	
7440-39-3	Barium	130	J	ug/L	7.230	2000	1	
7440-43-9	Cadmium	ND	U	ug/L	3.270	50.0	1	
7440-47-3	Chromium	41.7	J	ug/L	3.430	100	1	
7439-92-1	Lead	ND	U	ug/L	21.8	50.0	1	
7782-49-2	Selenium	ND	U	ug/L	30.4	200	1	
7440-22-4	Silver	ND	U	ug/L	16.4	100	1	



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	10/18/06
Project ID:	Morris park RI /FS TRC#46130-0010	Date Received:	10/19/06
Customer Sample No.:	DRUMCOMPOSITE-1	Lab Sample ID:	X4989-01
Test:	TCLP Mercury	SDG ID:	X4989
Analytical Method:	EPA SW-846 7470 - HG	% Moisture:	100.00
Result Type:	Final	Datafile:	102206B1

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7439-97-6	Mercury	ND	U	ug/L	0.3300	2	1	





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client: TRC Environmental Corp., NY

Date Collected: 10/18/06

Project ID: Morris park RI /FS TRC#46130-0010

Date Received: 10/19/06

Customer Sample No.: DRUMCOMPOSITE-1

Lab Sample ID: X4989-01

Test: TCLP Pesticide

SDG ID: X4989

Analytical Method: EPA SW-846 8081

% Moisture: 100.00

Result Type: Final

Datafile: P7008055

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
58-89-9	gamma-BHC	ND	U	ug/L	0.0071	0.050	1	
76-44-8	Heptachlor	ND	U	ug/L	0.0227	0.050	1	
1024-57-3	Heptachlor epoxide	ND	U	ug/L	0.0121	0.050	1	
72-20-8	Endrin	ND	U	ug/L	0.0069	0.050	1	
72-43-5	Methoxychlor	ND	U	ug/L	0.0072	0.050	1	
8001-35-2	Toxaphene	ND	U	ug/L	0.0900	0.50	1	
57-74-9	Chlordane	ND	U	ug/L	0.1914	0.50	1	



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client: TRC Environmental Corp., NY

Date Collected: 10/18/06

Project ID: Morris park RI /FS TRC#46130-0010

Date Received: 10/19/06

Customer Sample No.: DRUMCOMPOSITE-1

Lab Sample ID: X4989-01

Test: TCLP VOA

SDG ID: X4989

Analytical Method: EPA SW846 8260

% Moisture: 100.00

Result Type: Final

Datafile: VD006493

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-01-4	Vinyl Chloride	ND	U	ug/L	1.6	25	5	
75-35-4	1,1-Dichloroethene	ND	U	ug/L	2.1	25	5	
78-93-3	2-Butanone	ND	U	ug/L	5.7	120	5	
56-23-5	Carbon Tetrachloride	ND	U	ug/L	5.7	25	5	
67-66-3	Chloroform	ND	U	ug/L	1.7	25	5	
71-43-2	Benzene	ND	U	ug/L	1.9	25	5	
107-06-2	1,2-Dichloroethane	ND	U	ug/L	1.7	25	5	
79-01-6	Trichloroethene	ND	U	ug/L	2.3	25	5	
127-18-4	Tetrachloroethene	ND	U	ug/L	2.4	25	5	
108-90-7	Chlorobenzene	ND	U	ug/L	2.3	25	5	



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client: TRC Environmental Corp., NY

Date Collected: 10/18/06

Project ID: Morris park RI /FS TRC#46130-0010

Date Received: 10/19/06

Customer Sample No.: DRUMCOMPOSITE-1

Lab Sample ID: X4989-02

Test: PCB

SDG ID: X4989

Analytical Method: EPA SW-846 8082

% Moisture: 16.00

Result Type: Final

Datafile: P5008056

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	3.0	20	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	4.6	20	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	6.9	20	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	6.2	20	1	
12672-29-6	Aroclor-1248	ND	U	ug/Kg	3.0	20	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	2.0	20	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	5.0	20	1	

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U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method  
Blank

N = Presumptive Evidence of a Compound

Project #: X4989  
11/2/2006 5:46:12 PM  
End of Report

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**DATA PACKAGE FOR  
VOLATILE ORGANICS**

**PROJECT NAME: Morris park RI/FS TRC#46130-0010**

**SUBCONTRACT # 46130-SC-002**

**TRC ENVIRONMENTAL CORP., NY  
1430 BROADWAY  
10TH FLOOR  
NEW YORK, NY 10018  
2122217822**

**CHEMTECH PROJECT NO.  
ATTENTION:**

**X5669  
William Silveri**



284 Sheffield Street, Mountainside NJ 07092  
Tel: 908-789-8900 Fax 908-789-8922

## COVER PAGE

ProjectID: Morris park RI/FS TRC#461  
OrderID: X5669 CustomerName: TRC Environmental Corp., NY

LAB SAMPLE NO.	CLIENT SAMPLE NO
X5669-01	MW25S
X5669-02	MW25D
X5669-03	MW22S
X5669-04	MW23S
X5669-05	MW23D
X5669-06	MW24S
X5669-07	MW9-60
X5669-08	MW10-160
X5669-09	MW10-60
X5669-10	MW11-60
X5669-11	MW11-160
X5669-12	MW3D-60
X5669-13	MW2D-60

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. Ruy Name: Mildred V. Ruy  
Date: 12/18/06 Title: DA/OC

**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: <ol style="list-style-type: none"><li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li><li>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.</li></ol>
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.



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## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	11/28/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW25S	SDG No.:	X5669
Lab Sample ID:	X5669-01	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012166.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/28/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW25S	SDG No.:	X5669
Lab Sample ID:	X5669-01	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012166.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	53.02	106 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	54.28	109 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.12	98 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3	101 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	457747	4.64
540-36-3	1,4-Difluorobenzene	815879	5.24
3114-55-4	Chlorobenzene-d5	843223	8.98
3855-82-1	1,4-Dichlorobenzene-d4	402383	11.55

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/28/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW25D	SDG No.:	X5669
Lab Sample ID:	X5669-02	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012167.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
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**TARGETS**

75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	69		5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	11/28/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW25D	SDG No.:	X5669
Lab Sample ID:	X5669-02	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012167.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	63		5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.68	105 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	52.65	105 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.16	98 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1	98 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	473540	4.64
540-36-3	1,4-Difluorobenzene	837357	5.24
3114-55-4	Chlorobenzene-d5	872444	8.98
3855-82-1	1,4-Dichlorobenzene-d4	405551	11.55

U = Not Detected  
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MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/28/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW22S	SDG No.:	X5669
Lab Sample ID:	X5669-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012168.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/28/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW22S	SDG No.:	X5669
Lab Sample ID:	X5669-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012168.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	47.9	96 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	52.57	105 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	48.86	98 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	49.75	100 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	467337	4.64
540-36-3	1,4-Difluorobenzene	802013	5.24
3114-55-4	Chlorobenzene-d5	787127	8.98
3855-82-1	1,4-Dichlorobenzene-d4	396984	11.56

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/29/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW23S	SDG No.:	X5669
Lab Sample ID:	X5669-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012169.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	11/29/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW23S	SDG No.:	X5669
Lab Sample ID:	X5669-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012169.D	I	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	48.69	97 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	52.44	105 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	47.8	96 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	51.17	102 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	468109	4.64
540-36-3	1,4-Difluorobenzene	821000	5.25
3114-55-4	Chlorobenzene-d5	799709	8.98
3855-82-1	1,4-Dichlorobenzene-d4	408638	11.55

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284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	11/29/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW23D	SDG No.:	X5669
Lab Sample ID:	X5669-05	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012170.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	14		5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	11/29/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW23D	SDG No.:	X5669
Lab Sample ID:	X5669-05	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012170.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	50.42	101 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	54.46	109 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	48.43	97 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	49.51	99 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	483268	4.65
540-36-3	1,4-Difluorobenzene	863357	5.25
3114-55-4	Chlorobenzene-d5	874319	8.98
3855-82-1	1,4-Dichlorobenzene-d4	416721	11.55

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/29/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW24S	SDG No.:	X5669
Lab Sample ID:	X5669-06	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012171.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
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**TARGETS**

75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

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J = Estimated Value

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/29/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW24S	SDG No.:	X5669
Lab Sample ID:	X5669-06	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012171.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	51.38	103 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	51.49	103 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	46.39	93 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9	98 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	478295	4.64
540-36-3	1,4-Difluorobenzene	874582	5.25
3114-55-4	Chlorobenzene-d5	827744	8.98
3855-82-1	1,4-Dichlorobenzene-d4	415243	11.56

U = Not Detected

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW9-60	SDG No.:	X5669
Lab Sample ID:	X5669-07	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012172.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	2.6	J	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW9-60	SDG No.:	X5669
Lab Sample ID:	X5669-07	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012172.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	1.1	J	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	50.49	101 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	53.67	107 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	47.38	95 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	49.73	99 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	475999	4.65
540-36-3	1,4-Difluorobenzene	852757	5.25
3114-55-4	Chlorobenzene-d5	791464	8.98
3855-82-1	1,4-Dichlorobenzene-d4	412066	11.55

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW10-160	SDG No.:	X5669
Lab Sample ID:	X5669-08	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012173.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	2.6	J	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	1.5	J	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	3.1	J	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	3.9	J	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW10-160	SDG No.:	X5669
Lab Sample ID:	X5669-08	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012173.D	1	12/7/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	50.92	102 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	52.02	104 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	47.31	95 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	50.81	102 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	473450	4.64
540-36-3	1,4-Difluorobenzene	857864	5.25
3114-55-4	Chlorobenzene-d5	834471	8.98
3855-82-1	1,4-Dichlorobenzene-d4	415927	11.56

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW10-60	SDG No.:	X5669
Lab Sample ID:	X5669-09	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012174.D	1	12/8/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW10-60	SDG No.:	X5669
Lab Sample ID:	X5669-09	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012174.D	1	12/8/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	3.7	J	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	52.09	104 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	52.92	106 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	47.03	94 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.68	97 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	480736	4.65
540-36-3	1,4-Difluorobenzene	886395	5.26
3114-55-4	Chlorobenzene-d5	853644	8.98
3855-82-1	1,4-Dichlorobenzene-d4	411100	11.56

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284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW11-60	SDG No.:	X5669
Lab Sample ID:	X5669-10	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012175.D	1	12/8/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW11-60	SDG No.:	X5669
Lab Sample ID:	X5669-10	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012175.D	1	12/8/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	53.19	106 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	52.54	105 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	47.21	94 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	49.03	98 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	472233	4.65
540-36-3	1,4-Difluorobenzene	875470	5.25
3114-55-4	Chlorobenzene-d5	831600	8.98
3855-82-1	1,4-Dichlorobenzene-d4	413775	11.56

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW11-160	SDG No.:	X5669
Lab Sample ID:	X5669-11	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012176.D	1	12/8/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	2.1	J	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW11-160	SDG No.:	X5669
Lab Sample ID:	X5669-11	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012176.D	1	12/8/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

### SURROGATES

17060-07-0	1,2-Dichloroethane-d4	49.07	98 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	52.7	105 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	48.36	97 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	51.55	103 %	76 - 119	SPK: 50

### INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	474991	4.65
540-36-3	1,4-Difluorobenzene	851178	5.25
3114-55-4	Chlorobenzene-d5	844344	8.98
3855-82-1	1,4-Dichlorobenzene-d4	409786	11.56

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW3D-60	SDG No.:	X5669
Lab Sample ID:	X5669-12	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012177.D	1	12/8/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

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## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW3D-60	SDG No.:	X5669
Lab Sample ID:	X5669-12	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012177.D	1	12/8/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	53.56	107 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	52.68	105 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.3	99 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	50.34	101 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	479328	4.65
540-36-3	1,4-Difluorobenzene	871549	5.25
3114-55-4	Chlorobenzene-d5	884324	8.98
3855-82-1	1,4-Dichlorobenzene-d4	405541	11.55

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/1/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW2D-60	SDG No.:	X5669
Lab Sample ID:	X5669-13	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012178.D	1	12/8/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	120	E	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/1/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW2D-60	SDG No.:	X5669
Lab Sample ID:	X5669-13	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012178.D	1	12/8/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	85		5.0	5.0	ug/L

### SURROGATES

17060-07-0	1,2-Dichloroethane-d4	53.66	107 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	54.17	108 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.19	98 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	49.79	100 %	76 - 119	SPK: 50

### INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	476470	4.65
540-36-3	1,4-Difluorobenzene	877985	5.25
3114-55-4	Chlorobenzene-d5	856851	8.98
3855-82-1	1,4-Dichlorobenzene-d4	403187	11.56

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/1/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW2D-60DL	SDG No.:	X5669
Lab Sample ID:	X5669-13DL	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012186.D	2	12/8/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.34	U	10	0.34	ug/L
74-87-3	Chloromethane	0.69	U	10	0.69	ug/L
75-01-4	Vinyl chloride	0.66	U	10	0.66	ug/L
74-83-9	Bromomethane	0.82	U	10	0.82	ug/L
75-00-3	Chloroethane	1.7	U	10	1.7	ug/L
75-69-4	Trichlorofluoromethane	51	D	10	0.44	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.6	U	10	2.6	ug/L
75-35-4	1,1-Dichloroethene	0.83	U	10	0.83	ug/L
67-64-1	Acetone	4.5	U	50	4.5	ug/L
75-15-0	Carbon disulfide	0.80	U	10	0.80	ug/L
1634-04-4	Methyl tert-butyl Ether	0.56	U	10	0.56	ug/L
79-20-9	Methyl Acetate	0.40	U	10	0.40	ug/L
75-09-2	Methylene Chloride	0.85	U	10	0.85	ug/L
156-60-5	trans-1,2-Dichloroethene	0.80	U	10	0.80	ug/L
75-34-3	1,1-Dichloroethane	0.76	U	10	0.76	ug/L
110-82-7	Cyclohexane	0.73	U	10	0.73	ug/L
78-93-3	2-Butanone	2.3	U	50	2.3	ug/L
56-23-5	Carbon Tetrachloride	2.3	U	10	2.3	ug/L
156-59-2	cis-1,2-Dichloroethene	0.58	U	10	0.58	ug/L
67-66-3	Chloroform	0.67	U	10	0.67	ug/L
71-55-6	1,1,1-Trichloroethane	0.65	U	10	0.65	ug/L
108-87-2	Methylcyclohexane	0.68	U	10	0.68	ug/L
71-43-2	Benzene	0.77	U	10	0.77	ug/L
107-06-2	1,2-Dichloroethane	0.68	U	10	0.68	ug/L
79-01-6	Trichloroethene	0.92	U	10	0.92	ug/L
78-87-5	1,2-Dichloropropane	0.81	U	10	0.81	ug/L
75-27-4	Bromodichloromethane	0.67	U	10	0.67	ug/L
108-10-1	4-Methyl-2-Pentanone	3.2	U	50	3.2	ug/L
108-88-3	Toluene	0.73	U	10	0.73	ug/L
10061-02-6	t-1,3-Dichloropropene	0.63	U	10	0.63	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.72	U	10	0.72	ug/L
79-00-5	1,1,2-Trichloroethane	0.81	U	10	0.81	ug/L

U = Not Detected

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E = Value Exceeds Calibration Range

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B = Analyte Found in Associated Method Blank

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284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/1/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW2D-60DL	SDG No.:	X5669
Lab Sample ID:	X5669-13DL	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012186.D	2	12/8/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	3.4	U	50	3.4	ug/L
124-48-1	Dibromochloromethane	0.53	U	10	0.53	ug/L
106-93-4	1,2-Dibromoethane	0.65	U	10	0.65	ug/L
127-18-4	Tetrachloroethene	0.96	U	10	0.96	ug/L
108-90-7	Chlorobenzene	0.93	U	10	0.93	ug/L
100-41-4	Ethyl Benzene	0.91	U	10	0.91	ug/L
126777-61-2	m/p-Xylenes	2.4	U	20	2.4	ug/L
95-47-6	o-Xylene	0.91	U	10	0.91	ug/L
100-42-5	Styrene	0.82	U	10	0.82	ug/L
75-25-2	Bromoform	0.63	U	10	0.63	ug/L
98-82-8	Isopropylbenzene	0.88	U	10	0.88	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	10	0.60	ug/L
541-73-1	1,3-Dichlorobenzene	0.99	U	10	0.99	ug/L
106-46-7	1,4-Dichlorobenzene	1.1	U	10	1.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.87	U	10	0.87	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	10	0.75	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.92	U	10	0.92	ug/L
593-70-4	Chlorofluoromethane	10	U	10	10	ug/L
75-43-4	Fluorodichloromethane	61	D	10	10	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	56.73	113 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	54.92	110 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.16	98 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.71	97 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	473338	4.64
540-36-3	1,4-Difluorobenzene	876843	5.24
3114-55-4	Chlorobenzene-d5	883648	8.98
3855-82-1	1,4-Dichlorobenzene-d4	398537	11.56

U = Not Detected

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
[www.chemtech.net](http://www.chemtech.net)

CHEMTech PROJECT NO.

6995X

COC Number

062426

CLIENT INFORMATION						CLIENT PROJECT INFORMATION						CLIENT BILLING INFORMATION					
COMPANY: TRC Engineers, INC						PROJECT NAME: Lile Morris Park						BILL TO: Same					
ADDRESS: 1430 Broadway, 10th Fl.						PROJECT NO.: Y6130-0010						LOCATION: Richmond Hill					
CITY: NY, NY						STATE: NY						ZIP: 10018					
ATTENTION: William Silverl						PROJECT MANAGER: William Silverl						e-mail: WSilverl@TRCSolutions.com					
PHONE: 646-584 2707						FAX:						PHONE:					
DATA TURNAROUND INFORMATION						DATA DELIVERABLE INFORMATION						ANALYSIS					
FAX: Standard						RESULTS ONLY											
HARD COPY: Standard						<input type="checkbox"/> RESULTS + QC						<input type="checkbox"/> USERA CLP					
EOD: Standard						<input checked="" type="checkbox"/> New York State ASP "B"						<input checked="" type="checkbox"/> New Jersey Reduced					
* TO BE APPROVED BY CHEMTECH						<input type="checkbox"/> New Jersey CLP						<input type="checkbox"/> Other					
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS						<input type="checkbox"/> EDD FORMAT											
CHEMTECH SAMPLE ID	PROJECT IDENTIFICATION	SAMPLE TYPE	SAMPLE COLLECTION DATE	TIME	PRESERVATIVES	COMMENTS											
1. MW 25 S		GW	11-28-06	1215	3	A	E										
2. MW 25 D		GW	11-28-06	1300	3	X	X										
3. MW 23 S		GW	11-28-06	1507	3	X	X										
4. MW 23 S		GW	11-28-06	1137	3	X	X										
5. MW 23 D		GW	11-29-06	1145	3	X	X										
6. MW 24 S		GW	11-28-06	1358	3	X	X										
7. MW 9-60		GW	11-30-06	0843	3	X	X										
8. MW 10-160		GW	11-30-06	1037	3	X	X										
9. MW 10-60		GW	11-30-06	1040	3	X	X										
10. MW 11-60		GW	11-30-06	1218	3	X	X										
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																	
Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant																	
NaOH extraction requires an additional 4 oz jar per percent solid																	
Comments:																	
COOLING TEMP: 5°C																	
Ice in Cooler: Yes																	
SHIPMENT COMPLETE: YES <input type="checkbox"/> NO <input type="checkbox"/>																	
SHIPPED VIA: CLIENT: <input checked="" type="checkbox"/> HAND DELIVERED <input type="checkbox"/> OVERNIGHT <input type="checkbox"/>																	
CHEMTECH: <input type="checkbox"/> PICKED UP <input type="checkbox"/>																	
DATE/TIME RECEIVED BY: 12-1-06 1230																	
DATE/TIME RECEIVED BY: 12-1-06 1230																	
DATE/TIME RECEIVED BY: 12-1-06 1230																	
DATE/TIME RECEIVED BY: 12-1-06 1230																	

Revision 4/2005

WHITE • CHEMTECH COPY FOR RETURN TO CLIENT

**CHEMTECH**

## CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO.

X-5669

COC Number

062425

CLIENT INFORMATION				CLIENT PROJECT INFORMATION				CLIENT BILLING INFORMATION									
COMPANY: <b>TRC Engineering, Inc.</b>				PROJECT NAME: <b>LIRB Morris Park</b>				BILL TO: <b>SAME</b>									
ADDRESS: <b>1430 Broadway, 10th Fl.</b>				PROJECT NO: <b>46136-DMD</b>				ADDRESS:									
CITY: <b>NY, NY</b>				PROJECT MANAGER: <b>William Silveri</b>				CITY: STATE: ZIP:									
ATTENTION: <b>William Silveri</b>				E-MAIL: <b>WSilveri@TRCSolutions.com</b>				ATTENTION: PHONE:									
PHONE: FAX:				PHONE: <b>648-564-2787</b> FAX:				ANALYSIS									
DATA TURNAROUND INFORMATION				DATA DELIVERABLE INFORMATION:				PRESERVATIVES									
FAX: <b>Standard</b> DAYS: _____				RESULTS ONLY <input type="checkbox"/> USEPA CLP				1 2 3 4 5 6 7 8 9									
HARD COPY: <b>Standard</b> DAYS: _____				<input type="checkbox"/> RESULTS + DC <input checked="" type="checkbox"/> New York State ASP "B"													
EDD: <b>Standard</b> DAYS: _____				<input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A"													
* TO BE APPROVED BY CHEMTECH				<input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other													
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS				<input type="checkbox"/> EDD FORMAT													
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION DATE	TIME	ST. L.S. 30	1	2	3	4	5	6	7	8	9	COMMENTS	
11.	MW 11-150	GW	X	11-30-06	1222	3											
12.	MW 3D-60	GW	X	11-30-06	1457	3											
13.	MW 2D-60	GW	X	12-1-06	1047	3											
14.	Trip Blank																
15.																	
16.																	
17.																	
18.																	
19.																	
20.																	
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																	
DELIVERED BY (SAMPLER):		DATE/TIME:		RECEIVED BY:		DATE/TIME:		RECEIVED BY:		DATE/TIME:		RECEIVED BY:		DATE/TIME:		RECEIVED BY:	
1. <b>John Smith</b>		12-20-06 1250		1. <b>John Smith</b>		12-20-06 1250		1. <b>John Smith</b>		12-20-06 1250		1. <b>John Smith</b>		12-20-06 1250		1. <b>John Smith</b>	
2. <b>John Smith</b>		12-20-06 1250		2. <b>John Smith</b>		12-20-06 1250		2. <b>John Smith</b>		12-20-06 1250		2. <b>John Smith</b>		12-20-06 1250		2. <b>John Smith</b>	
3. <b>John Smith</b>		12-20-06 1250		3. <b>John Smith</b>		12-20-06 1250		3. <b>John Smith</b>		12-20-06 1250		3. <b>John Smith</b>		12-20-06 1250		3. <b>John Smith</b>	
Conditions of bottles or cooler at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant Cooler Temp. <b>5°C</b> MeOH extraction requires an additional 4 oz jar for percent solid. Ice in Cooler? <b>Yes</b> See e-mail																	
SHIPPED VIA: CLIENT: <b>2</b> of <b>2</b> SHIPPED VIA: CLIENT: <b>2</b> of <b>2</b> CHEMTECH: <input type="checkbox"/> PICKED UP <input type="checkbox"/> OVERNIGHT <input type="checkbox"/> OVERNIGHT <input type="checkbox"/> NO Bivalent Complete: <input type="checkbox"/> YES <input type="checkbox"/> NO																	

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

Revision 4/2005



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

**DATA PACKAGE FOR  
SEMI-VOLATILE ORGANICS**

**PROJECT NAME: Morris park RI/FS TRC#46130-0010**

**SUBCONTRACT # 46130-SC-002**

**TRC ENVIRONMENTAL CORP., NY  
1430 BROADWAY  
10TH FLOOR  
NEW YORK, NY 10018  
2122217822**

**CHEMTECH PROJECT NO.**

**ATTENTION:**

**X5669**

**William Silveri**

**DATA REPORTING QUALIFIERS- ORGANIC**

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

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

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/28/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW25S	SDG No.:	X5669
Lab Sample ID:	X5669-01	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	950.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF008641.D	1	12/4/2006	12/8/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	11	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	11	1.3	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.2	U	11	1.2	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.3	U	11	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	11	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.900	U	11	0.900	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	11	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	11	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	11	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.1	U	11	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	11	1.3	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	11	1.3	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.4	U	11	1.4	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.4	U	11	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	11	1.4	ug/L
86-73-7	Fluorene	1.5	U	11	1.5	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	11	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/28/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW25S	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-01	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	950.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008641.D	1	12/4/2006	12/8/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.3	U	11	1.3	ug/L
85-01-8	Phenanthrene	1.5	U	11	1.5	ug/L
120-12-7	Anthracene	1.5	U	11	1.5	ug/L
86-74-8	Carbazole	1.3	U	11	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.5	U	11	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	11	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	21	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.8	U	11	1.8	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	5.6	JB	11	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.790	U	11	0.790	ug/L
207-08-9	Benzo(k)fluoranthene	2.0	U	11	2.0	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	11	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.870	U	11	0.870	ug/L
53-70-3	Dibenz(a,h)anthracene	0.910	U	11	0.910	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	11	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	67.39	67 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	62.74	63 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	63.79	64 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	29595	3.94			
1146-65-2	Naphthalene-d8	122281	5.10			
15067-26-2	Acenaphthene-d10	61770	6.78			
1517-22-2	Phenanthrene-d10	83614	8.24			
1719-03-5	Chrysene-d12	78219	10.84			
1520-96-3	Perylene-d12	56477	12.30			

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B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/28/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW25D	SDG No.:	X5669
Lab Sample ID:	X5669-02	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF008642.D	1	12/4/2006	12/8/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

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B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/28/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW25D	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-02	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008642.D	1	12/4/2006	12/8/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	2.9	JB	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	62.68	63 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	58.18	58 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	63.44	63 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	30230	3.94			
1146-65-2	Naphthalene-d8	122474	5.10			
15067-26-2	Acenaphthene-d10	61716	6.78			
1517-22-2	Phenanthrene-d10	83177	8.24			
1719-03-5	Chrysene-d12	78178	10.84			
1520-96-3	Perylene-d12	57964	12.29			

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/28/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW22S	SDG No.:	X5669
Lab Sample ID:	X5669-03	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF008643.D	1	12/4/2006	12/8/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

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N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/28/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW22S	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-03	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008643.D	1	12/4/2006	12/8/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	2.5	JB	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	68.45	68 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	63.05	63 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	63.36	63 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	29249	3.94			
1146-65-2	Naphthalene-d8	118378	5.10			
15067-26-2	Acenaphthene-d10	60459	6.78			
1517-22-2	Phenanthrene-d10	80595	8.24			
1719-03-5	Chrysene-d12	76492	10.84			
1520-96-3	Perylene-d12	57294	12.29			

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J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/29/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW23S	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-04	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008644.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/29/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW23S	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-04	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008644.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	2.1	JB	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	64.67	65 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	62.32	62 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	63.17	63 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	30079	3.94			
1146-65-2	Naphthalene-d8	121527	5.10			
15067-26-2	Acenaphthene-d10	60759	6.78			
1517-22-2	Phenanthrene-d10	80660	8.24			
1719-03-5	Chrysene-d12	77657	10.84			
1520-96-3	Perylene-d12	56320	12.30			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/29/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW23D	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-05	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	950.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008645.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	11	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	11	1.3	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.2	U	11	1.2	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.3	U	11	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	11	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.900	U	11	0.900	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	11	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	11	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	11	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.1	U	11	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	11	1.3	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	11	1.3	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.4	U	11	1.4	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.4	U	11	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	11	1.4	ug/L
86-73-7	Fluorene	1.5	U	11	1.5	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	11	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/29/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW23D	SDG No.:	X5669
Lab Sample ID:	X5669-05	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	950.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF008645.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.3	U	11	1.3	ug/L
85-01-8	Phenanthrene	1.5	U	11	1.5	ug/L
120-12-7	Anthracene	1.5	U	11	1.5	ug/L
86-74-8	Carbazole	1.3	U	11	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.5	U	11	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	11	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	21	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.8	U	11	1.8	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	2.3	JB	11	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.790	U	11	0.790	ug/L
207-08-9	Benzo(k)fluoranthene	2.0	U	11	2.0	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	11	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.870	U	11	0.870	ug/L
53-70-3	Dibenz(a,h)anthracene	0.910	U	11	0.910	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	11	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	69.78	70 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	65.71	66 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	62.5	63 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	31683	3.94			
1146-65-2	Naphthalene-d8	126906	5.10			
15067-26-2	Acenaphthene-d10	63167	6.78			
1517-22-2	Phenanthrene-d10	84350	8.24			
1719-03-5	Chrysene-d12	81272	10.84			
1520-96-3	Perylene-d12	60456	12.30			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/29/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW24S	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-06	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008646.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/29/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW24S	SDG No.:	X5669
Lab Sample ID:	X5669-06	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF008646.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	3.2	JB	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	67.88	68 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	61.01	61 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	63.9	64 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	31546	3.94			
1146-65-2	Naphthalene-d8	129572	5.10			
15067-26-2	Acenaphthene-d10	66106	6.78			
1517-22-2	Phenanthrene-d10	86792	8.24			
1719-03-5	Chrysene-d12	82444	10.84			
1520-96-3	Perylene-d12	61231	12.29			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/30/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW9-60	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-07	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008647.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/30/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW9-60	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-07	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF008647.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	4.3	JB	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	61.53	62 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	58.5	59 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	63.01	63 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	31948	3.94			
1146-65-2	Naphthalene-d8	132737	5.10			
15067-26-2	Acenaphthene-d10	64204	6.78			
1517-22-2	Phenanthrene-d10	86918	8.24			
1719-03-5	Chrysene-d12	82116	10.84			
1520-96-3	Perylene-d12	60316	12.29			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW10-160	SDG No.:	X5669
Lab Sample ID:	X5669-08	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	920.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF008648.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.6	U	11	1.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	11	1.3	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.3	U	11	1.3	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.4	U	11	1.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.930	U	11	0.930	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	11	1.5	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.3	U	11	1.3	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.2	U	11	1.2	ug/L
131-11-3	Dimethylphthalate	1.4	U	11	1.4	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	11	1.4	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.5	U	11	1.5	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.4	U	11	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.5	U	11	1.5	ug/L
86-73-7	Fluorene	1.5	U	11	1.5	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.4	U	11	1.4	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

U = Not Detected

RL = Reporting Limit

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E = Value Exceeds Calibration Range

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B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/30/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW10-160	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-08	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	920.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008648.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.3	U	11	1.3	ug/L
85-01-8	Phenanthrene	1.5	U	11	1.5	ug/L
120-12-7	Anthracene	1.5	U	11	1.5	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.6	U	11	1.6	ug/L
85-68-7	Butylbenzylphthalate	1.6	U	11	1.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	22	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.8	U	11	1.8	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	8.1	JB	11	1.7	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.810	U	11	0.810	ug/L
207-08-9	Benzo(k)fluoranthene	2.0	U	11	2.0	ug/L
50-32-8	Benzo(a)pyrene	1.3	U	11	1.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.900	U	11	0.900	ug/L
53-70-3	Dibenz(a,h)anthracene	0.940	U	11	0.940	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	68.31	68 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	62.46	62 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	62.78	63 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	31166	3.94			
1146-65-2	Naphthalene-d8	126068	5.10			
15067-26-2	Acenaphthene-d10	64521	6.78			
1517-22-2	Phenanthrene-d10	84712	8.24			
1719-03-5	Chrysene-d12	81910	10.84			
1520-96-3	Perylene-d12	57124	12.29			

U = Not Detected

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E = Value Exceeds Calibration Range

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N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW10-60	SDG No.:	X5669
Lab Sample ID:	X5669-09	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF008649.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

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E = Value Exceeds Calibration Range

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B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/30/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW10-60	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-09	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008649.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	8.5	JB	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	69.87	70 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	63.17	63 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	63.21	63 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	31921	3.94			
1146-65-2	Naphthalene-d8	129966	5.10			
15067-26-2	Acenaphthene-d10	66265	6.78			
1517-22-2	Phenanthrene-d10	88251	8.24			
1719-03-5	Chrysene-d12	81724	10.84			
1520-96-3	Perylene-d12	57485	12.29			

U = Not Detected

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MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW11-60	SDG No.:	X5669
Lab Sample ID:	X5669-10	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	930.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF008650.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
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**TARGETS**

111-44-4	bis(2-Chloroethyl)ether	1.5	U	11	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	11	1.3	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.3	U	11	1.3	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.4	U	11	1.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.920	U	11	0.920	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	11	1.5	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	11	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.1	U	11	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	11	1.3	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	11	1.3	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.4	U	11	1.4	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.4	U	11	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.5	U	11	1.5	ug/L
86-73-7	Fluorene	1.5	U	11	1.5	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	11	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/30/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW11-60	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-10	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Vol:</b>	930.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008650.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.3	U	11	1.3	ug/L
85-01-8	Phenanthrene	1.5	U	11	1.5	ug/L
120-12-7	Anthracene	1.5	U	11	1.5	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.6	U	11	1.6	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	11	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	22	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.8	U	11	1.8	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	2.4	JB	11	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.810	U	11	0.810	ug/L
207-08-9	Benzo(k)fluoranthene	2.0	U	11	2.0	ug/L
50-32-8	Benzo(a)pyrene	1.3	U	11	1.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.890	U	11	0.890	ug/L
53-70-3	Dibenz(a,h)anthracene	0.930	U	11	0.930	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	76.03	76 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	69.85	70 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	69.56	70 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	30221	3.94			
1146-65-2	Naphthalene-d8	123557	5.10			
15067-26-2	Acenaphthene-d10	61716	6.78			
1517-22-2	Phenanthrene-d10	81170	8.24			
1719-03-5	Chrysene-d12	78711	10.84			
1520-96-3	Perylene-d12	55409	12.29			

U = Not Detected

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	11/30/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW11-160	SDG No.:	X5669
Lab Sample ID:	X5669-11	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	940.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF008651.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	11	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	11	1.3	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.2	U	11	1.2	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.3	U	11	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.910	U	11	0.910	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	11	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	11	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.1	U	11	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	11	1.3	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	11	1.3	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.4	U	11	1.4	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.4	U	11	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	11	1.4	ug/L
86-73-7	Fluorene	1.5	U	11	1.5	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	11	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/30/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW11-160	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-11	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	940.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008651.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.3	U	11	1.3	ug/L
85-01-8	Phenanthrene	1.5	U	11	1.5	ug/L
120-12-7	Anthracene	1.5	U	11	1.5	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.5	U	11	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	11	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	21	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.8	U	11	1.8	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.6	U	11	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.800	U	11	0.800	ug/L
207-08-9	Benzo(k)fluoranthene	2.0	U	11	2.0	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	11	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.880	U	11	0.880	ug/L
53-70-3	Dibenz(a,h)anthracene	0.920	U	11	0.920	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	72.06	72 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	65.86	66 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	66.36	66 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	31388	3.94			
1146-65-2	Naphthalene-d8	126968	5.10			
15067-26-2	Acenaphthene-d10	63091	6.78			
1517-22-2	Phenanthrene-d10	83729	8.24			
1719-03-5	Chrysene-d12	80479	10.84			
1520-96-3	Perylene-d12	57111	12.29			

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**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/30/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW3D-60	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-12	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF008652.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	11/30/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW3D-60	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-12	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008652.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	3.5	JB	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	64.61	65 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	62.24	62 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	62.94	63 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	30801	3.94			
1146-65-2	Naphthalene-d8	125959	5.10			
15067-26-2	Acenaphthene-d10	60868	6.78			
1517-22-2	Phenanthrene-d10	79938	8.24			
1719-03-5	Chrysene-d12	75962	10.84			
1520-96-3	Perylene-d12	52773	12.30			

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**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/1/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/1/2006
<b>Client Sample ID:</b>	MW2D-60	<b>SDG No.:</b>	X5669
<b>Lab Sample ID:</b>	X5669-13	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF008653.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/1/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/1/2006
Client Sample ID:	MW2D-60	SDG No.:	X5669
Lab Sample ID:	X5669-13	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF008653.D	1	12/4/2006	12/9/2006	BF113006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	2.4	JB	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	66.57	67 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	62.94	63 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	67.93	68 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	30978	3.94			
1146-65-2	Naphthalene-d8	124569	5.10			
15067-26-2	Acenaphthene-d10	59999	6.78			
1517-22-2	Phenanthrene-d10	77125	8.24			
1719-03-5	Chrysene-d12	73828	10.84			
1520-96-3	Perylene-d12	49870	12.30			

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



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

CHEMTECH PROJECT NO. X5669

COC Number 062426

# CHAIN OF CUSTODY RECORD

CLIENT INFORMATION				CLIENT PROJECT INFORMATION				CLIENT BILLING INFORMATION							
COMPANY: <u>TRC Engineers, INC</u>				PROJECT NAME: <u>Like Morris Park</u>				BILL TO: <u>Same</u>							
ADDRESS: <u>1430 Broadway, 10th Fl.</u>				PROJECT NO.: <u>46130-0010</u>				ADDRESS:							
CITY: <u>NY, NY</u> STATE: <u>NY</u> ZIP: <u>10018</u>				LOCATION: <u>Richmond Hill, NY</u>				CITY:							
ATTENTION: <u>William Silveri</u>				PROJECT MANAGER: <u>William Silveri</u>				STATE: ZIP:							
PHONE: <u>646-5842787</u> FAX: <u></u>				e-mail: <u>WSilveri@TRCSolutions.com</u>				ATTENTION: PHONE:							
DATA TURNAROUND INFORMATION				DATA DELIVERABLE INFORMATION				ANALYSIS							
FAX: _____ DAYS: _____				<input type="checkbox"/> RESULTS ONLY <input type="checkbox"/> USEPA CLP				PRESERVATIVES							
HARD COPY: _____ DAYS: _____				<input type="checkbox"/> RESULTS + QC <input type="checkbox"/> New York State ASP "B"											
EDD: _____ DAYS: _____				<input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A"											
* TO BE APPROVED BY CHEMTECH STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS				<input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____											
PROJECT IDENTIFICATION				SAMPLE TYPE				SAMPLE COLLECTION				COMMENTS			
CHEMTECH SAMPLE ID				SAMPLE MATRIX				DATE				TIME			
1. <u>MW 255</u>				<u>GW</u>				<u>11-28-06</u>				<u>1215</u>			
2. <u>MW 25D</u>				<u>GW</u>				<u>11-28-06</u>				<u>1320</u>			
3. <u>MW 22S</u>				<u>GW</u>				<u>11-28-06</u>				<u>1507</u>			
4. <u>MW 23S</u>				<u>GW</u>				<u>11-28-06</u>				<u>1137</u>			
5. <u>MW 23D</u>				<u>GW</u>				<u>11-28-06</u>				<u>1145</u>			
6. <u>MW 24S</u>				<u>GW</u>				<u>11-28-06</u>				<u>1358</u>			
7. <u>MW 9-60</u>				<u>GW</u>				<u>11-30-06</u>				<u>0843</u>			
8. <u>MW 10-160</u>				<u>GW</u>				<u>11-30-06</u>				<u>1037</u>			
9. <u>MW 10-60</u>				<u>GW</u>				<u>11-30-06</u>				<u>1040</u>			
10. <u>MW 11-60</u>				<u>GW</u>				<u>11-30-06</u>				<u>1218</u>			
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY															
RELINQUISHED BY: <u>John Doe</u>				RECEIVED BY: <u>SNELGAR</u>				DATE/TIME: <u>12-1-06 1250</u>				DATE/TIME: <u>12-1-06 1250</u>			
1. <u>John Doe</u>				1. <u>SNELGAR</u>				DATE/TIME: <u>12-1-06 1250</u>				DATE/TIME: <u>12-1-06 1250</u>			
2. <u></u>				2. <u></u>				DATE/TIME: <u></u>				DATE/TIME: <u></u>			
3. <u></u>				3. <u></u>				DATE/TIME: <u></u>				DATE/TIME: <u></u>			
305															
SHIPPED VIA: CLIENT: <input checked="" type="checkbox"/> HAND DELIVERED <input type="checkbox"/> OVERNIGHT <input type="checkbox"/> OVERNIGHT <input type="checkbox"/> OVERNIGHT <input type="checkbox"/> NO															
SHIPMENT COMPLETE: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO															



# CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO.

X5669

COC Number

062425

CLIENT INFORMATION		CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION		
REPORT TO BE SENT TO:		PROJECT NAME: LIRS Morris Park		BILL TO:		
COMPANY: TRC ENGINEERS, INC.		PROJECT NO. 46136-0010 LOCATION: Richmond Hill		ADDRESS:		
ADDRESS: 1430 Broadway, 10th Fl.		PROJECT MANAGER: William Silver		CITY:		
CITY: NY, NY STATE: NY ZIP: 10018		e-mail: WSilver@TRCSolutions.com		STATE:		
ATTENTION: William Silver		PHONE: 648-584-2787 FAX:		PHONE:		
PHONE:		DATA DELIVERABLE INFORMATION		ANALYSIS		
FAX:		<input type="checkbox"/> RESULTS ONLY <input type="checkbox"/> USEPA CLP		PRESERVATIVES		
HARD COPY: _____ DAYS *		<input type="checkbox"/> RESULTS + QC <input type="checkbox"/> New York State ASP "B"		1 2 3 4 5 6 7 8 9		
EDD: _____ DAYS *		<input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A"		COMMENTS		
* TO BE APPROVED BY CHEMTECH		<input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____		← Specify Preservatives A-HCl B-HNO <sub>3</sub> C-H <sub>2</sub> SO <sub>4</sub> D-NaOH E-ICE F-Other		
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		<input type="checkbox"/> EDD FORMAT				
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION DATE	TIME	NO OF BOTTLES
11	MW 11-160	GW	X	11-30-06	1222	3
12	MW 3D-60	GW	X	11-30-06	1457	3
13	MW 2D-60	GW	X	12-1-06	1847	3
14						
15						
16						
17						
18						
19						
20						
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:
1. J. J. J.	12-1-06 12:50	1.	12-1-06 12:50	1.	12-1-06 12:50	1.
2.		2.		2.		2.
3.		3.		3.		3.
SHIPPED VIA: CLIENT: <input checked="" type="checkbox"/> HAND DELIVERED <input type="checkbox"/> OVERNIGHT <input type="checkbox"/> OVERNIGHT <input type="checkbox"/> NO						
Comments: See e. Mail						
Shipment Complete: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: Chemtech

Contract: TRCE03

Lab Code: CHEM

Case No.: X5669

SAS No.: X5669

SDG No.: X5669

Matrix (soil/water): WATER

Lab Sample ID: VBH1207-01

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

Lab File ID: VH012164.D

Level (low/med):

Date Received:

% Moisture: not dec. 100

Date Analyzed: 12/7/2006

GC Column: RTX624 ID: 0.53

Dilution Factor: 1.0

Soil Extract Volume:

Soil Aliquot Volume:

Number TICS found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK02

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5669 SAS No.: X5669 SDG No.: X5669

Matrix (soil/water): WATER Lab Sample ID: VBH1208-01

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012182.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 12/8/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW25S

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5669 SAS No.: X5669 SDG No.: X5669

Matrix (soil/water): WATER Lab Sample ID: X5669-01

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012166.D

Level (low/med): \_\_\_\_\_ Date Received: 12/1/2006

% Moisture: not dec. 100 Date Analyzed: 12/7/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW25D

Lab Name: ChemtechContract: TRCE03Lab Code: CHEMCase No.: X5669SAS No.: X5669SDG No.: X5669Matrix (soil/water): WATERLab Sample ID: X5669-02Sample wt/vol: 5.0 (g/mL) mLLab File ID: VH012167.D

Level (low/med): \_\_\_\_\_

Date Received: 12/1/2006% Moisture: not dec. 100Date Analyzed: 12/7/2006GC Column: RTX624 ID: 0.53Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_

Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	45.0	J

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW22S

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5669 SAS No.: X5669 SDG No.: X5669

Matrix (soil/water): WATER Lab Sample ID: X5669-03

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012168.D

Level (low/med): \_\_\_\_\_ Date Received: 12/1/2006

% Moisture: not dec. 100 Date Analyzed: 12/7/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_



1E

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW23S

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5669 SAS No.: X5669 SDG No.: X5669

Matrix (soil/water): WATER Lab Sample ID: X5669-04

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012169.D

Level (low/med): \_\_\_\_\_ Date Received: 12/1/2006

% Moisture: not dec. 100 Date Analyzed: 12/7/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW23D

Lab Name: ChemtechContract: TRCE03Lab Code: CHEMCase No.: X5669SAS No.: X5669SDG No.: X5669Matrix (soil/water): WATERLab Sample ID: X5669-05Sample wt/vol: 5.0 (g/mL) mLLab File ID: VH012170.D

Level (low/med): \_\_\_\_\_

Date Received: 12/1/2006% Moisture: not dec. 100Date Analyzed: 12/7/2006GC Column: RTX624 ID: 0.53Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_

Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	180.0	J

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW24S

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5669 SAS No.: X5669 SDG No.: X5669

Matrix (soil/water): WATER Lab Sample ID: X5669-06

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012171.D

Level (low/med): \_\_\_\_\_ Date Received: 12/1/2006

% Moisture: not dec. 100 Date Analyzed: 12/7/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW9-60

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5669 SAS No.: X5669 SDG No.: X5669

Matrix (soil/water): WATER Lab Sample ID: X5669-07

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012172.D

Level (low/med): \_\_\_\_\_ Date Received: 12/1/2006

% Moisture: not dec. 100 Date Analyzed: 12/7/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW10-160

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5669 SAS No.: X5669 SDG No.: X5669

Matrix (soil/water): WATER Lab Sample ID: X5669-08

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012173.D

Level (low/med): \_\_\_\_\_ Date Received: 12/1/2006

% Moisture: not dec. 100 Date Analyzed: 12/7/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW10-60

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5669 SAS No.: X5669 SDG No.: X5669

Matrix (soil/water): WATER Lab Sample ID: X5669-09

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012174.D

Level (low/med): \_\_\_\_\_ Date Received: 12/1/2006

% Moisture: not dec. 100 Date Analyzed: 12/8/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW11-60

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5669 SAS No.: X5669 SDG No.: X5669

Matrix (soil/water): WATER Lab Sample ID: X5669-10

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012175.D

Level (low/med): \_\_\_\_\_ Date Received: 12/1/2006

% Moisture: not dec. 100 Date Analyzed: 12/8/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW11-160

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5669 SAS No.: X5669 SDG No.: X5669

Matrix (soil/water): WATER Lab Sample ID: X5669-11

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012176.D

Level (low/med): \_\_\_\_\_ Date Received: 12/1/2006

% Moisture: not dec. 100 Date Analyzed: 12/8/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	6.6	J

Comments: \_\_\_\_\_



VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW3D-60

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5669 SAS No.: X5669 SDG No.: X5669

Matrix (soil/water): WATER Lab Sample ID: X5669-12

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012177.D

Level (low/med): \_\_\_\_\_ Date Received: 12/1/2006

% Moisture: not dec. 100 Date Analyzed: 12/8/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW2D-60

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5669 SAS No.: X5669 SDG No.: X5669

Matrix (soil/water): WATER Lab Sample ID: X5669-13

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012178.D

Level (low/med): \_\_\_\_\_ Date Received: 12/1/2006

% Moisture: not dec. 100 Date Analyzed: 12/8/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

MW2D-60

Contract: TRCE03

SAS No.: X5669 SDG No.: X5669-01

Lab Sample ID: X5669-13

Lab File ID: VH012178.D

Date Received: 12/1/2006

Date Analyzed: 12/8/2006

Dilution Factor: 1.0

Soil Aliquot Volume:

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

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.11	5.73	J

Comments: \_\_\_\_\_





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

**DATA PACKAGE FOR  
VOLATILE ORGANICS**

**PROJECT NAME: Morris park RI/FS TRC#46130-0010**

**SUBCONTRACT # 46130-SC-002**

**TRC ENVIRONMENTAL CORP., NY  
1430 BROADWAY  
10TH FLOOR  
NEW YORK, NY 10018  
2122217822**

**CHEMTECH PROJECT NO.  
ATTENTION:**

**X5831  
William Silveri**

## COVER PAGE

OrderID: X5831      ProjectID: Morris park RI/FS TRC#461  
CustomerName: TRC Environmental Corp., NY

LAB SAMPLE NO.	CLIENT SAMPLE NO
X5831-01	MW15-60
X5831-02	MW06-168
X5831-03	MW3-168
X5831-04	MW16-60
X5831-05	MW6-60
X5831-06	MW6-60(DUP)
X5831-07	MW21S
X5831-08	MW21D
X5831-09	FIELD BLANK
X5831-10	MW-3U-60
X5831-11	MW4-60
X5831-12	MW19-60
X5831-13	MW12-60
X5831-14	MW5-60
X5831-15	MW5-180
X5831-16	MW26S

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. Reeps Name: Mildred V. Reeps  
Date: 12/27/06 Title: QA/QC

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW15-60	SDG No.:	X5831
Lab Sample ID:	X5831-01	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012429.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	3.4	J	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	2.4	J	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	6.1		5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW15-60	SDG No.:	X5831
Lab Sample ID:	X5831-01	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012429.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	2.3	J	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	54.5	109 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	49.25	99 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	48.63	97 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	49.08	98 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	457144	4.66
540-36-3	1,4-Difluorobenzene	815931	5.28
3114-55-4	Chlorobenzene-d5	824034	9.00
3855-82-1	1,4-Dichlorobenzene-d4	398677	11.57

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW06-168	SDG No.:	X5831
Lab Sample ID:	X5831-02	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012430.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	1.2	J	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	1.8	J	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	3.8	J	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	1.0	J	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW06-168	SDG No.:	X5831
Lab Sample ID:	X5831-02	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012430.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	58.66	117 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	50.39	101 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	52.12	104 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	51.45	103 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	475212	4.66
540-36-3	1,4-Difluorobenzene	841652	5.28
3114-55-4	Chlorobenzene-d5	912019	9.00
3855-82-1	1,4-Dichlorobenzene-d4	407644	11.58

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**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/6/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/11/2006
<b>Client Sample ID:</b>	MW3-168	<b>SDG No.:</b>	X5831
<b>Lab Sample ID:</b>	X5831-03	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	100
<b>Sample Wt/Woi:</b>	5.0 Units: mL	<b>Soil Extract Vol:</b>	uL
<b>Soil Aliquot Vol:</b>	uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VH012431.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	1.7	J	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	3.8	J	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	1.5	J	5.0	0.29	ug/L
67-66-3	Chloroform	1.6	J	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	2.8	J	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	160	E	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW3-168	SDG No.:	X5831
Lab Sample ID:	X5831-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012431.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	58.13	116 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	49.42	99 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	51.78	104 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	51.2	102 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	455406	4.66
540-36-3	1,4-Difluorobenzene	807391	5.27
3114-55-4	Chlorobenzene-d5	885845	9.00
3855-82-1	1,4-Dichlorobenzene-d4	395557	11.57

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW3-168DL	SDG No.:	X5831
Lab Sample ID:	X5831-03DL	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012442.D	10	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	1.7	U	50	1.7	ug/L
74-87-3	Chloromethane	3.4	U	50	3.4	ug/L
75-01-4	Vinyl chloride	3.3	U	50	3.3	ug/L
74-83-9	Bromomethane	4.1	U	50	4.1	ug/L
75-00-3	Chloroethane	8.3	U	50	8.3	ug/L
75-69-4	Trichlorofluoromethane	2.2	U	50	2.2	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	13	U	50	13	ug/L
75-35-4	1,1-Dichloroethene	4.2	U	50	4.2	ug/L
67-64-1	Acetone	23	U	250	23	ug/L
75-15-0	Carbon disulfide	4.0	U	50	4.0	ug/L
1634-04-4	Methyl tert-butyl Ether	2.8	U	50	2.8	ug/L
79-20-9	Methyl Acetate	2.0	U	50	2.0	ug/L
75-09-2	Methylene Chloride	4.3	U	50	4.3	ug/L
156-60-5	trans-1,2-Dichloroethene	4.0	U	50	4.0	ug/L
75-34-3	1,1-Dichloroethane	3.8	U	50	3.8	ug/L
110-82-7	Cyclohexane	3.6	U	50	3.6	ug/L
78-93-3	2-Butanone	11	U	250	11	ug/L
56-23-5	Carbon Tetrachloride	11	U	50	11	ug/L
156-59-2	cis-1,2-Dichloroethene	2.9	U	50	2.9	ug/L
67-66-3	Chloroform	3.3	U	50	3.3	ug/L
71-55-6	1,1,1-Trichloroethane	3.2	U	50	3.2	ug/L
108-87-2	Methylcyclohexane	3.4	U	50	3.4	ug/L
71-43-2	Benzene	3.9	U	50	3.9	ug/L
107-06-2	1,2-Dichloroethane	3.4	U	50	3.4	ug/L
79-01-6	Trichloroethene	100	D	50	4.6	ug/L
78-87-5	1,2-Dichloropropane	4.0	U	50	4.0	ug/L
75-27-4	Bromodichloromethane	3.3	U	50	3.3	ug/L
108-10-1	4-Methyl-2-Pentanone	16	U	250	16	ug/L
108-88-3	Toluene	3.6	U	50	3.6	ug/L
10061-02-6	t-1,3-Dichloropropene	3.2	U	50	3.2	ug/L
10061-01-5	cis-1,3-Dichloropropene	3.6	U	50	3.6	ug/L
79-00-5	1,1,2-Trichloroethane	4.1	U	50	4.1	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW3-168DL	SDG No.:	X5831
Lab Sample ID:	X5831-03DL	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012442.D	10	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	17	U	250	17	ug/L
124-48-1	Dibromochloromethane	2.6	U	50	2.6	ug/L
106-93-4	1,2-Dibromoethane	3.2	U	50	3.2	ug/L
127-18-4	Tetrachloroethene	4.8	U	50	4.8	ug/L
108-90-7	Chlorobenzene	4.7	U	50	4.7	ug/L
100-41-4	Ethyl Benzene	4.5	U	50	4.5	ug/L
126777-61-2	m/p-Xylenes	12	U	100	12	ug/L
95-47-6	o-Xylene	4.6	U	50	4.6	ug/L
100-42-5	Styrene	4.1	U	50	4.1	ug/L
75-25-2	Bromoform	3.2	U	50	3.2	ug/L
98-82-8	Isopropylbenzene	4.4	U	50	4.4	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	3.0	U	50	3.0	ug/L
541-73-1	1,3-Dichlorobenzene	5.0	U	50	5.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.4	U	50	5.4	ug/L
95-50-1	1,2-Dichlorobenzene	4.4	U	50	4.4	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	3.8	U	50	3.8	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.6	U	50	4.6	ug/L
593-70-4	Chlorofluoromethane	50	U	50	50	ug/L
75-43-4	Fluorodichloromethane	50	U	50	50	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	69.91	140 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	49.57	99 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	50.13	100 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.25	97 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	377048	4.66
540-36-3	1,4-Difluorobenzene	791025	5.26
3114-55-4	Chlorobenzene-d5	828463	9.01
3855-82-1	1,4-Dichlorobenzene-d4	378704	11.57

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW16-60	SDG No.:	X5831
Lab Sample ID:	X5831-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012432.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW16-60	SDG No.:	X5831
Lab Sample ID:	X5831-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012432.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	52.97	106 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	49.91	100 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.9	100 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	49.41	99 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	443616	4.66
540-36-3	1,4-Difluorobenzene	793025	5.27
3114-55-4	Chlorobenzene-d5	813850	9.00
3855-82-1	1,4-Dichlorobenzene-d4	393879	11.57

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW6-60	SDG No.:	X5831
Lab Sample ID:	X5831-05	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012427.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	5.5		5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	4.1	J	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	6.4		5.0	0.34	ug/L
71-43-2	Benzene	9.0		5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/6/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/11/2006
<b>Client Sample ID:</b>	MW6-60	<b>SDG No.:</b>	X5831
<b>Lab Sample ID:</b>	X5831-05	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	5.0 Units: mL	<b>Soil Extract Vol:</b>	uL
<b>Soil Aliquot Vol:</b>	uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VH012427.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	16		5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	9.4		5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.5		5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	54.62	109 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	46.43	93 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	50.17	100 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.33	97 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	449054	4.66
540-36-3	1,4-Difluorobenzene	785280	5.27
3114-55-4	Chlorobenzene-d5	810746	9.01
3855-82-1	1,4-Dichlorobenzene-d4	392585	11.57

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E = Value Exceeds Calibration Range

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B = Analyte Found in Associated Method Blank

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW6-60(DUP)	SDG No.:	X5831
Lab Sample ID:	X5831-06	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012428.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	5.8		5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	4.3	J	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	6.4		5.0	0.34	ug/L
71-43-2	Benzene	9.0		5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/6/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/11/2006
<b>Client Sample ID:</b>	MW6-60(DUP)	<b>SDG No.:</b>	X5831
<b>Lab Sample ID:</b>	X5831-06	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	5.0 Units: mL	<b>Soil Extract Vol:</b>	uL
<b>Soil Aliquot Vol:</b>	uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VH012428.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	16		5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.3	J	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	9.9		5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.5		5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	54.61	109 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	46.94	94 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	50.89	102 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	51.76	104 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	452463	4.66
540-36-3	1,4-Difluorobenzene	805005	5.27
3114-55-4	Chlorobenzene-d5	862417	9.00
3855-82-1	1,4-Dichlorobenzene-d4	392293	11.57

U = Not Detected

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW21S	SDG No.:	X5831
Lab Sample ID:	X5831-07	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012433.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	<b>TRC Environmental Corp., NY</b>	<b>Date Collected:</b>	<b>12/6/2006</b>
<b>Project:</b>	<b>Morris park RI/FS TRC#46130-0010</b>	<b>Date Received:</b>	<b>12/11/2006</b>
<b>Client Sample ID:</b>	<b>MW21S</b>	<b>SDG No.:</b>	<b>X5831</b>
<b>Lab Sample ID:</b>	<b>X5831-07</b>	<b>Matrix:</b>	<b>WATER</b>
<b>Analytical Method:</b>	<b>8260</b>	<b>% Moisture:</b>	<b>100</b>
<b>Sample Wt/Wol:</b>	<b>5.0</b>	<b>Units:</b>	<b>mL</b>
<b>Soil Aliquot Vol:</b>		<b>Soil Extract Vol:</b>	<b>uL</b>

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
<b>VH012433.D</b>	<b>1</b>	<b>12/15/2006</b>	<b>VH120706</b>

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	58.61	117 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	49.58	99 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	51.67	103 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.97	98 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	446833	4.66
540-36-3	1,4-Difluorobenzene	788266	5.26
3114-55-4	Chlorobenzene-d5	836941	9.00
3855-82-1	1,4-Dichlorobenzene-d4	371883	11.57

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW21D	SDG No.:	X5831
Lab Sample ID:	X5831-08	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012440.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	4.6	J	5.0	0.17	ug/L
74-87-3	Chloromethane	1.7	J	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

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MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW21D	SDG No.:	X5831
Lab Sample ID:	X5831-08	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012440.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	57.47	115 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	47.84	96 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	51.6	103 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	45.18	90 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	435855	4.66
540-36-3	1,4-Difluorobenzene	782077	5.26
3114-55-4	Chlorobenzene-d5	826035	9.00
3855-82-1	1,4-Dichlorobenzene-d4	372246	11.57

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	FIELD BLANK	SDG No.:	X5831
Lab Sample ID:	X5831-09	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012426.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/6/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/11/2006
<b>Client Sample ID:</b>	FIELD BLANK	<b>SDG No.:</b>	X5831
<b>Lab Sample ID:</b>	X5831-09	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	5.0 Units: mL	<b>Soil Extract Vol:</b>	uL
<b>Soil Aliquot Vol:</b>	uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VH012426.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	57.23	114 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	47	94 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	46.47	93 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.39	97 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	421891	4.66
540-36-3	1,4-Difluorobenzene	776241	5.27
3114-55-4	Chlorobenzene-d5	753776	9.00
3855-82-1	1,4-Dichlorobenzene-d4	375046	11.57

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N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW-3U-60	SDG No.:	X5831
Lab Sample ID:	X5831-10	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012434.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	<b>TRC Environmental Corp., NY</b>	<b>Date Collected:</b>	<b>12/7/2006</b>
<b>Project:</b>	<b>Morris park RI/FS TRC#46130-0010</b>	<b>Date Received:</b>	<b>12/11/2006</b>
<b>Client Sample ID:</b>	<b>MW-3U-60</b>	<b>SDG No.:</b>	<b>X5831</b>
<b>Lab Sample ID:</b>	<b>X5831-10</b>	<b>Matrix:</b>	<b>WATER</b>
<b>Analytical Method:</b>	<b>8260</b>	<b>% Moisture:</b>	<b>100</b>
<b>Sample Wt/Wol:</b>	<b>5.0 Units: mL</b>	<b>Soil Extract Vol:</b>	<b>uL</b>
<b>Soil Aliquot Vol:</b>	<b>uL</b>		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
<b>VH012434.D</b>	<b>1</b>	<b>12/15/2006</b>	<b>VH120706</b>

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	56.52	113 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	46.11	92 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.59	99 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	44.71	89 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	441653	4.66
540-36-3	1,4-Difluorobenzene	807320	5.27
3114-55-4	Chlorobenzene-d5	819318	9.00
3855-82-1	1,4-Dichlorobenzene-d4	381687	11.58

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**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/7/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/11/2006
<b>Client Sample ID:</b>	MW4-60	<b>SDG No.:</b>	X5831
<b>Lab Sample ID:</b>	X5831-11	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	5.0 Units: mL	<b>Soil Extract Vol:</b>	uL
<b>Soil Aliquot Vol:</b>	uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VH012435.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	2.9	J	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	4.5	J	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW4-60	SDG No.:	X5831
Lab Sample ID:	X5831-11	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012435.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	1.4	J	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	53.02	106 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	51.64	103 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	50.73	101 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	52.88	106 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	431215	4.66
540-36-3	1,4-Difluorobenzene	753417	5.26
3114-55-4	Chlorobenzene-d5	782148	9.00
3855-82-1	1,4-Dichlorobenzene-d4	384574	11.57

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW19-60	SDG No.:	X5831
Lab Sample ID:	X5831-12	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012436.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	<b>TRC Environmental Corp., NY</b>	<b>Date Collected:</b>	<b>12/7/2006</b>
<b>Project:</b>	<b>Morris park RI/FS TRC#46130-0010</b>	<b>Date Received:</b>	<b>12/11/2006</b>
<b>Client Sample ID:</b>	<b>MW19-60</b>	<b>SDG No.:</b>	<b>X5831</b>
<b>Lab Sample ID:</b>	<b>X5831-12</b>	<b>Matrix:</b>	<b>WATER</b>
<b>Analytical Method:</b>	<b>8260</b>	<b>% Moisture:</b>	<b>100</b>
<b>Sample Wt/Wol:</b>	<b>5.0 Units: mL</b>	<b>Soil Extract Vol:</b>	<b>uL</b>
<b>Soil Aliquot Vol:</b>	<b>uL</b>		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
<b>VH012436.D</b>	<b>1</b>	<b>12/15/2006</b>	<b>VH120706</b>

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	56.66	113 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	47.98	96 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	51.32	103 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	47.62	95 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	445392	4.66
540-36-3	1,4-Difluorobenzene	791006	5.27
3114-55-4	Chlorobenzene-d5	835500	9.00
3855-82-1	1,4-Dichlorobenzene-d4	380527	11.57

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW12-60	SDG No.:	X5831
Lab Sample ID:	X5831-13	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012437.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW12-60	SDG No.:	X5831
Lab Sample ID:	X5831-13	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012437.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	58.92	118 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	50.73	101 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	50.07	100 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	49.95	100 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	448943	4.66
540-36-3	1,4-Difluorobenzene	806593	5.27
3114-55-4	Chlorobenzene-d5	819377	9.00
3855-82-1	1,4-Dichlorobenzene-d4	386520	11.57

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW5-60	SDG No.:	X5831
Lab Sample ID:	X5831-14	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012438.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/7/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/11/2006
<b>Client Sample ID:</b>	MW5-60	<b>SDG No.:</b>	X5831
<b>Lab Sample ID:</b>	X5831-14	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8260	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	5.0 Units: mL	<b>Soil Extract Vol:</b>	uL
<b>Soil Aliquot Vol:</b>	uL		

<b>File ID:</b>	<b>Dilution:</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
VH012438.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	59.71	119 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	48.25	97 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	50.64	101 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	47.86	96 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	441136	4.66
540-36-3	1,4-Difluorobenzene	811478	5.27
3114-55-4	Chlorobenzene-d5	854187	9.01
3855-82-1	1,4-Dichlorobenzene-d4	351094	11.57

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW5-180	SDG No.:	X5831
Lab Sample ID:	X5831-15	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012441.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	24		5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	4.2	J	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	2.4	J	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	11		5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	1400	E	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW5-180	SDG No.:	X5831
Lab Sample ID:	X5831-15	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012441.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	20		5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	58.08	116 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	53.25	107 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	55.35	111 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.2	96 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	436032	4.66
540-36-3	1,4-Difluorobenzene	720490	5.27
3114-55-4	Chlorobenzene-d5	814051	9.00
3855-82-1	1,4-Dichlorobenzene-d4	379795	11.57

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW5-180DL	SDG No.:	X5831
Lab Sample ID:	X5831-15DL	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012443.D	25	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	4.2	U	120	4.2	ug/L
74-87-3	Chloromethane	8.6	U	120	8.6	ug/L
75-01-4	Vinyl chloride	8.2	U	120	8.2	ug/L
74-83-9	Bromomethane	10	U	120	10	ug/L
75-00-3	Chloroethane	21	U	120	21	ug/L
75-69-4	Trichlorofluoromethane	5.5	U	120	5.5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	32	U	120	32	ug/L
75-35-4	1,1-Dichloroethene	10	U	120	10	ug/L
67-64-1	Acetone	56	U	620	56	ug/L
75-15-0	Carbon disulfide	10	U	120	10	ug/L
1634-04-4	Methyl tert-butyl Ether	7.0	U	120	7.0	ug/L
79-20-9	Methyl Acetate	5.0	U	120	5.0	ug/L
75-09-2	Methylene Chloride	11	U	120	11	ug/L
156-60-5	trans-1,2-Dichloroethene	10	U	120	10	ug/L
75-34-3	1,1-Dichloroethane	9.5	U	120	9.5	ug/L
110-82-7	Cyclohexane	9.1	U	120	9.1	ug/L
78-93-3	2-Butanone	29	U	620	29	ug/L
56-23-5	Carbon Tetrachloride	28	U	120	28	ug/L
156-59-2	cis-1,2-Dichloroethene	7.3	U	120	7.3	ug/L
67-66-3	Chloroform	8.3	U	120	8.3	ug/L
71-55-6	1,1,1-Trichloroethane	8.1	U	120	8.1	ug/L
108-87-2	Methylcyclohexane	8.4	U	120	8.4	ug/L
71-43-2	Benzene	9.7	U	120	9.7	ug/L
107-06-2	1,2-Dichloroethane	8.5	U	120	8.5	ug/L
79-01-6	Trichloroethene	1400	D	120	12	ug/L
78-87-5	1,2-Dichloropropane	10	U	120	10	ug/L
75-27-4	Bromodichloromethane	8.3	U	120	8.3	ug/L
108-10-1	4-Methyl-2-Pentanone	40	U	620	40	ug/L
108-88-3	Toluene	9.1	U	120	9.1	ug/L
10061-02-6	t-1,3-Dichloropropene	7.9	U	120	7.9	ug/L
10061-01-5	cis-1,3-Dichloropropene	9.0	U	120	9.0	ug/L
79-00-5	1,1,2-Trichloroethane	10	U	120	10	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW5-180DL	SDG No.:	X5831
Lab Sample ID:	X5831-15DL	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012443.D	25	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	42	U	620	42	ug/L
124-48-1	Dibromochloromethane	6.6	U	120	6.6	ug/L
106-93-4	1,2-Dibromoethane	8.1	U	120	8.1	ug/L
127-18-4	Tetrachloroethene	12	U	120	12	ug/L
108-90-7	Chlorobenzene	12	U	120	12	ug/L
100-41-4	Ethyl Benzene	11	U	120	11	ug/L
126777-61-2	m/p-Xylenes	30	U	250	30	ug/L
95-47-6	o-Xylene	11	U	120	11	ug/L
100-42-5	Styrene	10	U	120	10	ug/L
75-25-2	Bromoform	7.9	U	120	7.9	ug/L
98-82-8	Isopropylbenzene	11	U	120	11	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	7.5	U	120	7.5	ug/L
541-73-1	1,3-Dichlorobenzene	12	U	120	12	ug/L
106-46-7	1,4-Dichlorobenzene	13	U	120	13	ug/L
95-50-1	1,2-Dichlorobenzene	11	U	120	11	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	9.4	U	120	9.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	120	11	ug/L
593-70-4	Chlorofluoromethane	120	U	120	120	ug/L
75-43-4	Fluorodichloromethane	120	U	120	120	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	59.2	118 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	46.8	94 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.28	99 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.42	97 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	434718	4.66
540-36-3	1,4-Difluorobenzene	791340	5.26
3114-55-4	Chlorobenzene-d5	783075	9.00
3855-82-1	1,4-Dichlorobenzene-d4	372435	11.57

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/8/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW26S	SDG No.:	X5831
Lab Sample ID:	X5831-16	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012439.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/8/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW26S	SDG No.:	X5831
Lab Sample ID:	X5831-16	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012439.D	1	12/15/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	57.13	114 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	48.88	98 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	50.98	102 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	46.27	93 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	435183	4.66
540-36-3	1,4-Difluorobenzene	773841	5.26
3114-55-4	Chlorobenzene-d5	815803	9.00
3855-82-1	1,4-Dichlorobenzene-d4	367118	11.57

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

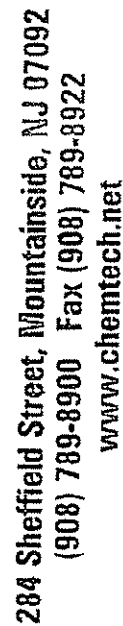
B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

## DATA REPORTING QUALIFIERS- ORGANIC

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

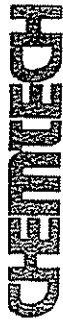
- Value            If the result is a value greater than or equal to the detection limit, report the value
- U                Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument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



CHEMTECH PROJECT NO. X5831

Revisión 4/2005

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



# CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO.

X5831

COC Number

062430

CLIENT INFORMATION				CLIENT PROJECT INFORMATION				CLIENT BILLING INFORMATION			
REPORT TO BE SENT TO:				PROJECT NAME: LIRR MAGES Park				BILL TO: Same			
ADDRESS: 1430 Broadway 10TH FL				PROJECT NO.: 4130-2010-0005				ADDRESS:			
CITY: NY NY STATE: NY ZIP: 10018				PROJECT MANAGER: William Silveri				CITY:			
ATTENTION: William Silveri				e-mail: WSilveri@TSCSolutions.com				STATE: ZIP:			
PHONE: 646-584-2797 FAX:				PHONE:				PHONE:			
DATA TURNAROUND INFORMATION				DATA DELIVERABLE INFORMATION				ANALYSIS			
FAX: _____ DAYS: _____				<input type="checkbox"/> RESULTS ONLY <input type="checkbox"/> USEPA CLP							
HARD COPY: _____ DAYS: _____				<input type="checkbox"/> RESULTS + QC <input checked="" type="checkbox"/> New York State ASP "B"							
EOD: _____ DAYS: _____				<input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A"							
* TO BE APPROVED BY CHEMTECH				<input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____							
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS				<input type="checkbox"/> EDD FORMAT							
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE TYPE	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES	COMMENTS		
1.	MW 4-60	X	GW	X	12-7-06	1030	2				
2.	MW 19-60	X	GW	X	12-7-06	1152	2				
3.	MW 12-60	X	GW	X	12-7-06	1207	2				
4.	MW 5-60	X	GW	X	12-7-06	1440	2				
5.	MW 5-100	X	GW	X	12-7-06	1545	2				
6.	MW 265	X	GW	X	12-8-06	1017	2				
7.	TRIP BLANK		Ag		12-8-06	-	1				
8.											
9.											
10.											

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY			
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1. Xuan Jia	12-11-06	1. J. Carter	12-11-06
2. BY: 489		2. S. Smith	12-11-06
3. BY: 489		3. S. Smith	12-11-06

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT ☐ PICKED UP ☐ OVERNIGHT ☐ YES ☐ NO

Comments: Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant  
MeOH extraction requires an additional 4 oz jar for percent solid.

Cooler Temp: 42°C  
Ice In Cooler?: Yes

Shipment Complete: ☒ YES ☐ NO



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

**DATA PACKAGE FOR  
SEMI-VOLATILE ORGANICS**

**PROJECT NAME: Morris park RI/FS TRC#46130-0010**

**SUBCONTRACT # 46130-SC-002**

**TRC ENVIRONMENTAL CORP., NY  
1430 BROADWAY  
10TH FLOOR  
NEW YORK, NY 10018  
2122217822**

**CHEMTECH PROJECT NO.  
ATTENTION:**

**X5831  
William Silveri**

## 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.

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW15-60	SDG No.:	X5831
Lab Sample ID:	X5831-01	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009186.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW15-60	SDG No.:	X5831
Lab Sample ID:	X5831-01	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009186.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	67.41	67 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	60.64	61 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	47.53	48 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	26738	4.38			
1146-65-2	Naphthalene-d8	104380	5.55			
15067-26-2	Acenaphthene-d10	46460	7.26			
1517-22-2	Phenanthrene-d10	67520	8.73			
1719-03-5	Chrysene-d12	62065	11.35			
1520-96-3	Perylene-d12	66287	13.09			
<b>TENTITIVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW15-60	SDG No.:	X5831
Lab Sample ID:	X5831-01	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009186.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.08	83	A	3.08		ug/L
2416-94-6	Phenol, 2,3,6-trimethyl-	2.6	J	5.79		ug/L
88-69-7	Phenol, 2-(1-methylethyl)-	3.6	J	6.00		ug/L
	unknown6.39	2.8	J	6.39		ug/L
	unknown6.47	3.3	J	6.47		ug/L
	unknown6.70	2.4	J	6.70		ug/L
1483-60-9	Benzene, 2,4-dimethyl-1-(1-methyl	2.9	J	6.78		ug/L
	unknown6.86	2.7	J	6.86		ug/L
	unknown6.94	2.3	J	6.94		ug/L
	unknown10.92	3.8	J	10.92		ug/L

U = Not Detected  
RL = Reporting Limit  
MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW06-168	SDG No.:	X5831
Lab Sample ID:	X5831-02	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	970.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009173.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	10	1.3	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	10	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	10	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.880	U	10	0.880	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.4	U	10	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW06-168	SDG No.:	X5831
Lab Sample ID:	X5831-02	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	970.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009173.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.3	U	10	1.3	ug/L
85-01-8	Phenanthrene	1.5	U	10	1.5	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	10	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	21	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.6	U	10	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.770	U	10	0.770	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.850	U	10	0.850	ug/L
53-70-3	Dibenz(a,h)anthracene	0.890	U	10	0.890	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	67.28	67 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	58.5	59 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	47.53	48 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	22307	4.38			
1146-65-2	Naphthalene-d8	91686	5.55			
15067-26-2	Acenaphthene-d10	42204	7.26			
1517-22-2	Phenanthrene-d10	61400	8.72			
1719-03-5	Chrysene-d12	51347	11.34			
1520-96-3	Perylene-d12	61278	13.07			
<b>TENTITIVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample	MW06-168	SDG No.:	X5831
Lab Sample ID:	X5831-02	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	970.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009173.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.05	91	AB	3.05		ug/L
57-10-3	n-Hexadecanoic acid	3.1	J	9.27		ug/L
74339-52-9	Trichloroacetic acid, tetradecyl e	2.7	J	11.20		ug/L

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E = Value Exceeds Calibration Range

J = Estimated Value  
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N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/6/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/11/2006
<b>Client Sample ID:</b>	MW3-168	<b>SDG No.:</b>	X5831
<b>Lab Sample ID:</b>	X5831-03	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	910.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF009181.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.6	U	11	1.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	11	1.3	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.3	U	11	1.3	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.4	U	11	1.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.940	U	11	0.940	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	11	1.5	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.3	U	11	1.3	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.2	U	11	1.2	ug/L
131-11-3	Dimethylphthalate	1.4	U	11	1.4	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	11	1.4	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.5	U	11	1.5	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.5	U	11	1.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.5	U	11	1.5	ug/L
86-73-7	Fluorene	1.5	U	11	1.5	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.4	U	11	1.4	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

# Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW3-168	SDG No.:	X5831
Lab Sample ID:	X5831-03	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	910.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009181.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.3	U	11	1.3	ug/L
85-01-8	Phenanthrene	1.6	U	11	1.6	ug/L
120-12-7	Anthracene	1.5	U	11	1.5	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.6	U	11	1.6	ug/L
85-68-7	Butylbenzylphthalate	1.6	U	11	1.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	22	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.8	U	11	1.8	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.7	U	11	1.7	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.820	U	11	0.820	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	U	11	2.1	ug/L
50-32-8	Benzo(a)pyrene	1.3	U	11	1.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.910	U	11	0.910	ug/L
53-70-3	Dibenz(a,h)anthracene	0.950	U	11	0.950	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L

## SURROGATES

4165-60-0	Nitrobenzene-d5	64.6	65 %	35 - 114	SPK: 10
321-60-8	2-Fluorobiphenyl	53.4	53 %	43 - 116	SPK: 10
1718-51-0	Terphenyl-d14	45.32	45 %	33 - 141	SPK: 10

## INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	30282	4.38
1146-65-2	Naphthalene-d8	122446	5.55
15067-26-2	Acenaphthene-d10	57261	7.26
1517-22-2	Phenanthrene-d10	83322	8.73
1719-03-5	Chrysene-d12	69236	11.34
1520-96-3	Perylene-d12	81052	13.08

## TENTATIVE IDENTIFIED COMPOUNDS

U = Not Detected

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E = Value Exceeds Calibration Range

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW3-168	SDG No.:	X5831
Lab Sample ID:	X5831-03	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	910.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009181.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.07	96	A	3.07		ug/L
544-63-8	Tetradecanoic acid	2.8	J	9.27		ug/L
18435-45-5	1-Nonadecene	4.3	J	11.20		ug/L

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E = Value Exceeds Calibration Range

J = Estimated Value  
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N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW16-60	SDG No.:	X5831
Lab Sample ID:	X5831-04	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009184.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.4	U	10	1.4	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.860	U	10	0.860	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.4	J	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	10	1.2	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.3	U	10	1.3	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.2	U	10	1.2	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW16-60	SDG No.:	X5831
Lab Sample ID:	X5831-04	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009184.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.0	U	20	1.0	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.750	U	10	0.750	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.830	U	10	0.830	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	67.13	67 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	58.83	59 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	46.5	47 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	29916	4.38			
1146-65-2	Naphthalene-d8	116226	5.55			
15067-26-2	Acenaphthene-d10	50060	7.26			
1517-22-2	Phenanthrene-d10	66963	8.73			
1719-03-5	Chrysene-d12	60806	11.36			
1520-96-3	Perylene-d12	62069	13.10			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW16-60	SDG No.:	X5831
Lab Sample ID:	X5831-04	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009184.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.07	92	A	3.07		ug/L
	unknown3.21	4.0	J	3.21		ug/L
	unknown4.44	7.4	J	4.44		ug/L
	unknown5.01	3.3	J	5.01		ug/L
	unknown6.77	2.8	J	6.77		ug/L
719-22-2	2,5-Cyclohexadiene-1,4-dione, 2,6	18	J	7.09		ug/L
	unknown7.17	3.7	J	7.17		ug/L
	unknown7.35	3.2	J	7.35		ug/L
	unknown10.97	18	J	10.97		ug/L

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J = Estimated Value  
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N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/6/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/11/2006
<b>Client Sample ID:</b>	MW6-60	<b>SDG No.:</b>	X5831
<b>Lab Sample ID:</b>	X5831-05	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF009188.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	68		10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	230	E	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	13		10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	27		10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW6-60	SDG No.:	X5831
Lab Sample ID:	X5831-05	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009188.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	37		10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	11		10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	88.61	89 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	84.15	84 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	66.31	66 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	25653	4.38			
1146-65-2	Naphthalene-d8	66208	5.57			
15067-26-2	Acenaphthene-d10	22506	7.30			
1517-22-2	Phenanthrene-d10	39446	8.77			
1719-03-5	Chrysene-d12	41180	11.36			
1520-96-3	Perylene-d12	56794	13.10			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW6-60	SDG No.:	X5831
Lab Sample ID:	X5831-05	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009188.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.08	61	A	3.08		ug/L
493-02-7	Naphthalene, decahydro-, trans-	17	J	4.73		ug/L
	unknown4.96	22	J	4.96		ug/L
17312-53-7	Decane, 3,6-dimethyl-	24	J	5.02		ug/L
95-93-2	Benzene, 1,2,4,5-tetramethyl-	25	J	5.09		ug/L
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	21	J	5.11		ug/L
4292-92-6	Cyclohexane, pentyl-	21	J	5.20		ug/L
1560-06-1	Benzene, 2-butenyl-	24	J	5.26		ug/L
934-10-1	3-Phenylbut-1-ene	58	J	5.32		ug/L
5911-04-6	Nonane, 3-methyl-	44	J	6.00		ug/L

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# Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW6-60DL	SDG No.:	X5831
Lab Sample ID:	X5831-05DL	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009199.D	5	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	7.3	UD	51	7.3	ug/L
95-50-1	1,2-Dichlorobenzene	6.2	UD	51	6.2	ug/L
541-73-1	1,3-Dichlorobenzene	6.1	UD	51	6.1	ug/L
106-46-7	1,4-Dichlorobenzene	6.1	UD	51	6.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.1	UD	51	6.1	ug/L
621-64-7	N-Nitroso-di-n-propylamine	7.0	UD	51	7.0	ug/L
67-72-1	Hexachloroethane	5.9	UD	51	5.9	ug/L
98-95-3	Nitrobenzene	7.9	UD	51	7.9	ug/L
78-59-1	Isophorone	6.4	UD	51	6.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	6.9	UD	51	6.9	ug/L
120-82-1	1,2,4-Trichlorobenzene	7.0	UD	51	7.0	ug/L
91-20-3	Naphthalene	78	D	51	7.0	ug/L
106-47-8	4-Chloroaniline	4.3	UD	51	4.3	ug/L
87-68-3	Hexachlorobutadiene	6.9	UD	51	6.9	ug/L
91-57-6	2-Methylnaphthalene	300	D	51	5.5	ug/L
77-47-4	Hexachlorocyclopentadiene	5.9	UD	51	5.9	ug/L
91-58-7	2-Chloronaphthalene	7.0	UD	51	7.0	ug/L
88-74-4	2-Nitroaniline	5.4	UD	51	5.4	ug/L
131-11-3	Dimethylphthalate	6.3	UD	51	6.3	ug/L
208-96-8	Acenaphthylene	7.3	JD	51	6.5	ug/L
606-20-2	2,6-Dinitrotoluene	6.3	UD	51	6.3	ug/L
99-09-2	3-Nitroaniline	5.1	UD	51	5.1	ug/L
83-32-9	Acenaphthene	15	JD	51	6.8	ug/L
132-64-9	Dibenzofuran	16	JD	51	6.5	ug/L
121-14-2	2,4-Dinitrotoluene	6.1	UD	51	6.1	ug/L
84-66-2	Diethylphthalate	6.7	UD	51	6.7	ug/L
7005-72-3	4-Chlorophenyl-phenylether	6.9	UD	51	6.9	ug/L
86-73-7	Fluorene	31	JD	51	7.1	ug/L
100-01-6	4-Nitroaniline	5.6	UD	51	5.6	ug/L
86-30-6	N-Nitrosodiphenylamine	6.3	UD	51	6.3	ug/L
101-55-3	4-Bromophenyl-phenylether	7.4	UD	51	7.4	ug/L

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# Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW6-60DL	SDG No.:	X5831
Lab Sample ID:	X5831-05DL	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009199.D	5	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	6.2	UD	51	6.2	ug/L
85-01-8	Phenanthrene	44	JD	51	7.2	ug/L
120-12-7	Anthracene	7.1	UD	51	7.1	ug/L
86-74-8	Carbazole	13	JD	51	6.4	ug/L
84-74-2	Di-n-butylphthalate	6.6	UD	51	6.6	ug/L
206-44-0	Fluoranthene	6.1	UD	51	6.1	ug/L
129-00-0	Pyrene	7.3	UD	51	7.3	ug/L
85-68-7	Butylbenzylphthalate	7.2	UD	51	7.2	ug/L
91-94-1	3,3-Dichlorobenzidine	5.3	UD	100	5.3	ug/L
56-55-3	Benzo(a)anthracene	5.6	UD	51	5.6	ug/L
218-01-9	Chrysene	8.4	UD	51	8.4	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	63	D	51	7.7	ug/L
117-84-0	Di-n-octyl phthalate	6.5	UD	51	6.5	ug/L
205-99-2	Benzo(b)fluoranthene	3.8	UD	51	3.8	ug/L
207-08-9	Benzo(k)fluoranthene	9.5	UD	51	9.5	ug/L
50-32-8	Benzo(a)pyrene	5.9	UD	51	5.9	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.2	UD	51	4.2	ug/L
53-70-3	Dibenz(a,h)anthracene	4.4	UD	51	4.4	ug/L
191-24-2	Benzo(g,h,i)perylene	5.5	UD	51	5.5	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	86.25	86 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	94.25	94 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	67.95	68 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	26815	4.38			
1146-65-2	Naphthalene-d8	94748	5.56			
15067-26-2	Acenaphthene-d10	39208	7.27			
1517-22-2	Phenanthrene-d10	62225	8.74			
1719-03-5	Chrysene-d12	58156	11.35			
1520-96-3	Perylene-d12	73284	13.08			

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW6-60(DUP)	SDG No.:	X5831
Lab Sample ID:	X5831-06	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009185.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.4	U	10	1.4	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	54		10	1.4	ug/L
106-47-8	4-Chloroaniline	0.860	U	10	0.860	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	150	E	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	10	1.2	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	7.4	J	10	1.3	ug/L
132-64-9	Dibenzofuran	7.1	J	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	14		10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.2	U	10	1.2	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW6-60(DUP)	SDG No.:	X5831
Lab Sample ID:	X5831-06	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009185.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	14		10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	13		10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.0	U	20	1.0	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.750	U	10	0.750	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.830	U	10	0.830	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	71.84	72 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	69.64	70 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	44.96	45 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	26480	4.38			
1146-65-2	Naphthalene-d8	85977	5.56			
15067-26-2	Acenaphthene-d10	33806	7.27			
1517-22-2	Phenanthrene-d10	53381	8.74			
1719-03-5	Chrysene-d12	60041	11.36			
1520-96-3	Perylene-d12	63141	13.10			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

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B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW6-60(DUP)	SDG No.:	X5831
Lab Sample ID:	X5831-06	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009185.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.07	75	A	3.07		ug/L
	unknown5.32	33	J	5.32		ug/L
90-12-0	Naphthalene, 1-methyl-	47	J	6.36		ug/L
939-27-5	Naphthalene, 2-ethyl-	29	J	6.80		ug/L
581-42-0	Naphthalene, 2,6-dimethyl-	68	J	6.88		ug/L
581-40-8	Naphthalene, 2,3-dimethyl-	52	J	6.95		ug/L
	unknown7.06	34	J	7.06		ug/L
17301-22-3	Undecane, 2,5-dimethyl-	31	J	7.94		ug/L
55045-11-9	Tridecane, 5-propyl-	73	J	8.20		ug/L
13151-34-3	Decane, 3-methyl-	44	J	8.66		ug/L

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J = Estimated Value  
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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW6-60(DUP)DL	SDG No.:	X5831
Lab Sample ID:	X5831-06DL	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009200.D	5	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	7.2	UD	50	7.2	ug/L
95-50-1	1,2-Dichlorobenzene	6.1	UD	50	6.1	ug/L
541-73-1	1,3-Dichlorobenzene	6.0	UD	50	6.0	ug/L
106-46-7	1,4-Dichlorobenzene	6.1	UD	50	6.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.1	UD	50	6.1	ug/L
621-64-7	N-Nitroso-di-n-propylamine	6.9	UD	50	6.9	ug/L
67-72-1	Hexachloroethane	5.8	UD	50	5.8	ug/L
98-95-3	Nitrobenzene	7.9	UD	50	7.9	ug/L
78-59-1	Isophorone	6.3	UD	50	6.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	6.9	UD	50	6.9	ug/L
120-82-1	1,2,4-Trichlorobenzene	6.9	UD	50	6.9	ug/L
91-20-3	Naphthalene	68	D	50	6.9	ug/L
106-47-8	4-Chloroaniline	4.3	UD	50	4.3	ug/L
87-68-3	Hexachlorobutadiene	6.8	UD	50	6.8	ug/L
91-57-6	2-Methylnaphthalene	230	D	50	5.4	ug/L
77-47-4	Hexachlorocyclopentadiene	5.8	UD	50	5.8	ug/L
91-58-7	2-Chloronaphthalene	6.9	UD	50	6.9	ug/L
88-74-4	2-Nitroaniline	5.3	UD	50	5.3	ug/L
131-11-3	Dimethylphthalate	6.3	UD	50	6.3	ug/L
208-96-8	Acenaphthylene	6.5	UD	50	6.5	ug/L
606-20-2	2,6-Dinitrotoluene	6.2	UD	50	6.2	ug/L
99-09-2	3-Nitroaniline	5.1	UD	50	5.1	ug/L
83-32-9	Acenaphthene	7.6	JD	50	6.7	ug/L
132-64-9	Dibenzofuran	8.4	JD	50	6.5	ug/L
121-14-2	2,4-Dinitrotoluene	6.0	UD	50	6.0	ug/L
84-66-2	Diethylphthalate	6.6	UD	50	6.6	ug/L
7005-72-3	4-Chlorophenyl-phenylether	6.8	UD	50	6.8	ug/L
86-73-7	Fluorene	16	JD	50	7.0	ug/L
100-01-6	4-Nitroaniline	5.6	UD	50	5.6	ug/L
86-30-6	N-Nitrosodiphenylamine	6.2	UD	50	6.2	ug/L
101-55-3	4-Bromophenyl-phenylether	7.4	UD	50	7.4	ug/L

U = Not Detected

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# Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW6-60(DUP)DL	SDG No.:	X5831
Lab Sample ID:	X5831-06DL	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009200.D	5	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	6.1	UD	50	6.1	ug/L
85-01-8	Phenanthrene	17	JD	50	7.1	ug/L
120-12-7	Anthracene	7.0	UD	50	7.0	ug/L
86-74-8	Carbazole	14	JD	50	6.4	ug/L
84-74-2	Di-n-butylphthalate	6.5	UD	50	6.5	ug/L
206-44-0	Fluoranthene	6.0	UD	50	6.0	ug/L
129-00-0	Pyrene	7.3	UD	50	7.3	ug/L
85-68-7	Butylbenzylphthalate	7.2	UD	50	7.2	ug/L
91-94-1	3,3-Dichlorobenzidine	5.2	UD	100	5.2	ug/L
56-55-3	Benzo(a)anthracene	5.6	UD	50	5.6	ug/L
218-01-9	Chrysene	8.4	UD	50	8.4	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	7.6	UD	50	7.6	ug/L
117-84-0	Di-n-octyl phthalate	6.4	UD	50	6.4	ug/L
205-99-2	Benzo(b)fluoranthene	3.7	UD	50	3.7	ug/L
207-08-9	Benzo(k)fluoranthene	9.4	UD	50	9.4	ug/L
50-32-8	Benzo(a)pyrene	5.8	UD	50	5.8	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.1	UD	50	4.1	ug/L
53-70-3	Dibenz(a,h)anthracene	4.3	UD	50	4.3	ug/L
191-24-2	Benzo(g,h,i)perylene	5.4	UD	50	5.4	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	79.1	79 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	86	86 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	60.75	61 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	27017	4.38			
1146-65-2	Naphthalene-d8	100149	5.56			
15067-26-2	Acenaphthene-d10	45756	7.26			
1517-22-2	Phenanthrene-d10	67698	8.73			
1719-03-5	Chrysene-d12	66597	11.35			
1520-96-3	Perylene-d12	73112	13.08			

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW21S	SDG No.:	X5831
Lab Sample ID:	X5831-07	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	900.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009194.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
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**TARGETS**

111-44-4	bis(2-Chloroethyl)ether	1.6	U	11	1.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.4	U	11	1.4	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.3	U	11	1.3	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.4	U	11	1.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.950	U	11	0.950	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	11	1.5	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.3	U	11	1.3	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.2	U	11	1.2	ug/L
131-11-3	Dimethylphthalate	1.4	U	11	1.4	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	11	1.4	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.5	U	11	1.5	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.5	U	11	1.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.5	U	11	1.5	ug/L
86-73-7	Fluorene	1.6	U	11	1.6	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.4	U	11	1.4	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

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### Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW21S	SDG No.:	X5831
Lab Sample ID:	X5831-07	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	900.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009194.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.4	U	11	1.4	ug/L
85-01-8	Phenanthrene	1.6	U	11	1.6	ug/L
120-12-7	Anthracene	1.6	U	11	1.6	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.6	U	11	1.6	ug/L
85-68-7	Butylbenzylphthalate	1.6	U	11	1.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.2	U	22	1.2	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.9	U	11	1.9	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	3.9	J	11	1.7	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.830	U	11	0.830	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	U	11	2.1	ug/L
50-32-8	Benzo(a)pyrene	1.3	U	11	1.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.920	U	11	0.920	ug/L
53-70-3	Dibenz(a,h)anthracene	0.960	U	11	0.960	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	64.32	64 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	57.45	57 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	47.24	47 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	29297	4.38			
1146-65-2	Naphthalene-d8	115887	5.55			
15067-26-2	Acenaphthene-d10	54396	7.26			
1517-22-2	Phenanthrene-d10	83819	8.73			
1719-03-5	Chrysene-d12	72033	11.34			
1520-96-3	Perylene-d12	67446	13.08			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW21S	SDG No.:	X5831
Lab Sample ID:	X5831-07	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	900.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009194.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.07	91	A	3.07		ug/L
112-92-5	1-Octadecanol	2.4	J	11.21		ug/L

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW21D	SDG No.:	X5831
Lab Sample ID:	X5831-08	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009195.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW21D	SDG No.:	X5831
Lab Sample ID:	X5831-08	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009195.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	3.5	J	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	64.8	65 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	57.53	58 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	46.65	47 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	30729	4.38			
1146-65-2	Naphthalene-d8	121888	5.55			
15067-26-2	Acenaphthene-d10	57285	7.26			
1517-22-2	Phenanthrene-d10	87746	8.73			
1719-03-5	Chrysene-d12	75600	11.34			
1520-96-3	Perylene-d12	71229	13.08			
<b>TENTITIVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW21D	SDG No.:	X5831
Lab Sample ID:	X5831-08	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009195.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.08	82	A	3.08		ug/L
18835-32-0	1-Tricosene	2.5	J	11.21		ug/L

U = Not Detected  
RL = Reporting Limit  
MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/6/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/11/2006
<b>Client Sample ID:</b>	FIELD BLANK	<b>SDG No.:</b>	X5831
<b>Lab Sample ID:</b>	X5831-09	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	920.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF009174.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.6	U	11	1.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	11	1.3	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.3	U	11	1.3	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.4	U	11	1.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.930	U	11	0.930	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	11	1.5	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.3	U	11	1.3	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.2	U	11	1.2	ug/L
131-11-3	Dimethylphthalate	1.4	U	11	1.4	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	11	1.4	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.5	U	11	1.5	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.4	U	11	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.5	U	11	1.5	ug/L
86-73-7	Fluorene	1.5	U	11	1.5	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.4	U	11	1.4	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

U = Not Detected

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# Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	FIELD BLANK	SDG No.:	X5831
Lab Sample ID:	X5831-09	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	920.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009174.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.3	U	11	1.3	ug/L
85-01-8	Phenanthrene	1.5	U	11	1.5	ug/L
120-12-7	Anthracene	1.5	U	11	1.5	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.6	U	11	1.6	ug/L
85-68-7	Butylbenzylphthalate	1.6	U	11	1.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	22	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.8	U	11	1.8	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.7	U	11	1.7	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.810	U	11	0.810	ug/L
207-08-9	Benzo(k)fluoranthene	2.0	U	11	2.0	ug/L
50-32-8	Benzo(a)pyrene	1.3	U	11	1.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.900	U	11	0.900	ug/L
53-70-3	Dibenz(a,h)anthracene	0.940	U	11	0.940	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L

## SURROGATES

4165-60-0	Nitrobenzene-d5	65.33	65 %	35 - 114	SPK: 10
321-60-8	2-Fluorobiphenyl	55.78	56 %	43 - 116	SPK: 10
1718-51-0	Terphenyl-d14	45.92	46 %	33 - 141	SPK: 10

## INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	24804	4.38
1146-65-2	Naphthalene-d8	98717	5.55
15067-26-2	Acenaphthene-d10	45848	7.26
1517-22-2	Phenanthrene-d10	67706	8.72
1719-03-5	Chrysene-d12	56597	11.34
1520-96-3	Perylene-d12	68299	13.07

## TENTATIVE IDENTIFIED COMPOUNDS

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/6/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	FIELD BLANK	SDG No.:	X5831
Lab Sample ID:	X5831-09	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	920.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009174.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.05	94	AB	3.05		ug/L
57-10-3	n-Hexadecanoic acid	2.7	J	9.27		ug/L
77899-03-7	1-Heneicosyl formate	4.3	J	11.20		ug/L

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**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/7/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/11/2006
<b>Client Sample ID:</b>	MW-3U-60	<b>SDG No.:</b>	X5831
<b>Lab Sample ID:</b>	X5831-10	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF009187.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.6	J	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.4	J	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

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# Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW-3U-60	SDG No.:	X5831
Lab Sample ID:	X5831-10	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009187.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	2.6	J	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	68.14	68 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	60.54	61 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	50.6	51 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	25833	4.38			
1146-65-2	Naphthalene-d8	100468	5.56			
15067-26-2	Acenaphthene-d10	45607	7.26			
1517-22-2	Phenanthrene-d10	63585	8.73			
1719-03-5	Chrysene-d12	56646	11.36			
1520-96-3	Perylene-d12	52484	13.10			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW-3U-60	SDG No.:	X5831
Lab Sample ID:	X5831-10	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009187.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.07	86	A	3.07		ug/L
5131-66-8	2-Propanol, 1-butoxy-	10	J	3.80		ug/L
136-85-6	1H-Benzotriazole, 5-methyl-	9.0	J	7.68		ug/L
140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	39	J	7.80		ug/L
934-34-9	2(3H)-Benzothiazolone	15	J	8.21		ug/L
140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	7.5	J	8.24		ug/L
	unknown8.28	10	J	8.28		ug/L
80-46-6	Phenol, 4-(1,1-dimethylpropyl)-	7.3	J	8.31		ug/L
	unknown8.42	6.9	J	8.42		ug/L
140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	9.6	J	8.46		ug/L

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# Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW4-60	SDG No.:	X5831
Lab Sample ID:	X5831-11	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009183.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.7	J	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

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N = Presumptive Evidence of a Compound

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW4-60	SDG No.:	X5831
Lab Sample ID:	X5831-11	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009183.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L

**SURROGATES**

4165-60-0	Nitrobenzene-d5	65.41	65 %	35 - 114	SPK: 10
321-60-8	2-Fluorobiphenyl	57.48	57 %	43 - 116	SPK: 10
1718-51-0	Terphenyl-d14	43.83	44 %	33 - 141	SPK: 10

**INTERNAL STANDARDS**

3855-82-1	1,4-Dichlorobenzene-d4	29260	4.38
1146-65-2	Naphthalene-d8	111702	5.55
15067-26-2	Acenaphthene-d10	48644	7.26
1517-22-2	Phenanthrene-d10	67518	8.73
1719-03-5	Chrysene-d12	64193	11.35
1520-96-3	Perylene-d12	69451	13.09

**TENTATIVE IDENTIFIED COMPOUNDS**

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW4-60	SDG No.:	X5831
Lab Sample ID:	X5831-11	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009183.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.07	84	A	3.07		ug/L
824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	6.4	J	5.31		ug/L
	unknown6.93	25	J	6.93		ug/L
	unknown7.06	4.7	J	7.06		ug/L
	unknown7.21	4.7	J	7.21		ug/L
	unknown7.40	8.7	J	7.40		ug/L
2245-38-7	Naphthalene, 1,6,7-trimethyl-	11	J	7.57		ug/L
	unknown7.89	6.8	J	7.89		ug/L
57-10-3	n-Hexadecanoic acid	5.7	J	9.31		ug/L
51235-04-2	1,3,5-Triazine-2,4(1H,3H)-dione, 3	7.4	J	10.94		ug/L

U = Not Detected  
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MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/7/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/11/2006
<b>Client Sample ID:</b>	MW5-180	<b>SDG No.:</b>	X5831
<b>Lab Sample ID:</b>	X5831-15	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	1000.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF009177.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.4	U	10	1.4	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.860	U	10	0.860	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	10	1.2	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.3	U	10	1.3	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.2	U	10	1.2	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/7/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/11/2006
<b>Client Sample ID:</b>	MW19-60	<b>SDG No.:</b>	X5831
<b>Lab Sample ID:</b>	X5831-12	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	1000.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BF009175.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.4	U	10	1.4	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.860	U	10	0.860	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	10	1.2	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.3	U	10	1.3	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.2	U	10	1.2	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

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B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

### Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW19-60	SDG No.:	X5831
Lab Sample ID:	X5831-12	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009175.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.0	U	20	1.0	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.750	U	10	0.750	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.830	U	10	0.830	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	69.95	70 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	59.31	59 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	51.54	52 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	24748	4.38			
1146-65-2	Naphthalene-d8	99065	5.55			
15067-26-2	Acenaphthene-d10	45676	7.26			
1517-22-2	Phenanthrene-d10	67999	8.72			
1719-03-5	Chrysene-d12	53891	11.34			
1520-96-3	Perylene-d12	67008	13.08			
<b>TENTITIVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

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N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW19-60	SDG No.:	X5831
Lab Sample ID:	X5831-12	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009175.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.06	92	A	3.06		ug/L
57-10-3	n-Hexadecanoic acid	3.0	J	9.27		ug/L
51235-04-2	1,3,5-Triazine-2,4(1H,3H)-dione, 3	5.4	J	10.90		ug/L
295-48-7	Cyclopentadecane	3.9	J	11.21		ug/L

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J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW12-60	SDG No.:	X5831
Lab Sample ID:	X5831-13	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	900.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009176.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.6	U	11	1.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.4	U	11	1.4	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.3	U	11	1.3	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.4	U	11	1.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.950	U	11	0.950	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	11	1.5	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.3	U	11	1.3	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.2	U	11	1.2	ug/L
131-11-3	Dimethylphthalate	1.4	U	11	1.4	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	11	1.4	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.5	U	11	1.5	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.5	U	11	1.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.5	U	11	1.5	ug/L
86-73-7	Fluorene	1.6	U	11	1.6	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.4	U	11	1.4	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

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J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

# Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW12-60	SDG No.:	X5831
Lab Sample ID:	X5831-13	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	900.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009176.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.4	U	11	1.4	ug/L
85-01-8	Phenanthrene	1.6	U	11	1.6	ug/L
120-12-7	Anthracene	1.6	U	11	1.6	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.6	U	11	1.6	ug/L
85-68-7	Butylbenzylphthalate	1.6	U	11	1.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.2	U	22	1.2	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.9	U	11	1.9	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.7	U	11	1.7	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.830	U	11	0.830	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	U	11	2.1	ug/L
50-32-8	Benzo(a)pyrene	1.3	U	11	1.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.920	U	11	0.920	ug/L
53-70-3	Dibenz(a,h)anthracene	0.960	U	11	0.960	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	63.61	64 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	53.7	54 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	47.57	48 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	26203	4.38			
1146-65-2	Naphthalene-d8	107804	5.55			
15067-26-2	Acenaphthene-d10	50001	7.26			
1517-22-2	Phenanthrene-d10	74253	8.73			
1719-03-5	Chrysene-d12	59246	11.34			
1520-96-3	Perylene-d12	72396	13.08			
<b>TENTITIVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW12-60	SDG No.:	X5831
Lab Sample ID:	X5831-13	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	900.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009176.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.06	94	A	3.06		ug/L
	unknown9.07	2.6	J	9.07		ug/L
57-10-3	n-Hexadecanoic acid	3.1	J	9.27		ug/L
79392-43-1	Trifluoroacetic acid, n-octadecyl	8.4	J	11.20		ug/L
	unknown16.00	2.4	J	16.00		ug/L

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J = Estimated Value  
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N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW5-60	SDG No.:	X5831
Lab Sample ID:	X5831-14	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009182.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.4	U	10	1.4	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.860	U	10	0.860	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	10	1.2	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.3	U	10	1.3	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.2	U	10	1.2	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

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N = Presumptive Evidence of a Compound

# Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW5-60	SDG No.:	X5831
Lab Sample ID:	X5831-14	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009182.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.0	U	20	1.0	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.750	U	10	0.750	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.830	U	10	0.830	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	67.56	68 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	54.49	54 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	47.99	48 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	30893	4.38			
1146-65-2	Naphthalene-d8	124371	5.55			
15067-26-2	Acenaphthene-d10	58909	7.26			
1517-22-2	Phenanthrene-d10	85309	8.73			
1719-03-5	Chrysene-d12	66894	11.34			
1520-96-3	Perylene-d12	79247	13.08			
<b>TENTITIVE IDENTIFIED COMPOUNDS</b>						

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW5-60	SDG No.:	X5831
Lab Sample ID:	X5831-14	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009182.D	1	12/13/2006	12/21/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.07	90	A	3.07		ug/L
	unknown9.08	5.5	J	9.08		ug/L
57-10-3	n-Hexadecanoic acid	5.7	J	9.27		ug/L
18435-45-5	1-Nonadecene	4.8	J	9.78		ug/L
2136-72-3	Ethanol, 2-(octadecyloxy)-	6.5	J	11.21		ug/L
638-67-5	Tricosane	3.8	J	11.53		ug/L
593-49-7	Heptacosane	5.0	J	11.86		ug/L
629-97-0	Docosane	3.8	J	12.25		ug/L
71005-15-7	Pentadecane, 8-heptyl-	4.2	J	12.69		ug/L
629-94-7	Heneicosane	4.4	J	13.22		ug/L

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# Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW5-180	SDG No.:	X5831
Lab Sample ID:	X5831-15	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009177.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.0	U	20	1.0	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.750	U	10	0.750	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.830	U	10	0.830	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	63.56	64 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	54.64	55 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	49.14	49 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	25235	4.38			
1146-65-2	Naphthalene-d8	101294	5.55			
15067-26-2	Acenaphthene-d10	46759	7.26			
1517-22-2	Phenanthrene-d10	68605	8.72			
1719-03-5	Chrysene-d12	55461	11.34			
1520-96-3	Perylene-d12	69272	13.07			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/7/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW5-180	SDG No.:	X5831
Lab Sample ID:	X5831-15	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	1000.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009177.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
127-18-4	Tetrachloroethylene	2.8	J	2.77		ug/L
	ACP3.06	85	A	3.06		ug/L
57-10-3	n-Hexadecanoic acid	5.1	J	9.27		ug/L
629-96-9	1-Eicosanol	10	JB	11.20		ug/L
557-61-9	Octacosanol	2.4	J	13.91		ug/L
	unknown16.00	2.3	J	16.00		ug/L

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/8/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW26S	SDG No.:	X5831
Lab Sample ID:	X5831-16	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	980.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009178.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.880	U	10	0.880	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.4	U	10	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

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# Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/8/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW26S	SDG No.:	X5831
Lab Sample ID:	X5831-16	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	980.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009178.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	10	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.6	U	10	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.880	U	10	0.880	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	63.83	64 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	54.7	55 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	44.74	45 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	24751	4.38			
1146-65-2	Naphthalene-d8	100872	5.55			
15067-26-2	Acenaphthene-d10	47020	7.26			
1517-22-2	Phenanthrene-d10	68756	8.72			
1719-03-5	Chrysene-d12	57357	11.34			
1520-96-3	Perylene-d12	68674	13.07			
<b>TENTITIVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

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J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/8/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/11/2006
Client Sample ID:	MW26S	SDG No.:	X5831
Lab Sample ID:	X5831-16	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	980.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF009178.D	1	12/13/2006	12/20/2006	BF122006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP3.06	84	A	3.06		ug/L
297-03-0	Cyclotetracosane	2.3	J	11.20		ug/L

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## Hit Summary Report

SDG No.: X5831

Order ID: X5831

Client: TRC Environmental Corp., NY

Project ID: Morris park RI/FS TRC#46130-0010

Test: SVOC-TCL BN -10

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	FIELDBLANK							
X5831-09	FIELDBLANK	WATER	ACP3.05	* 94	AB	0	0	ug/L
X5831-09	FIELDBLANK	WATER	n-Hexadecanoic acid	* 2.7	J	0	0	ug/L
X5831-09	FIELDBLANK	WATER	1-Heneicosyl formate	* 4.3	J	0	0	ug/L
			Total SVOC's:	0.00				
			Total TIC's:	101.00				
			Total SVOC's and TIC's:	101.00				
Client ID:	MW06-168							
X5831-02	MW06-168	WATER	ACP3.05	* 91	AB	0	0	ug/L
X5831-02	MW06-168	WATER	n-Hexadecanoic acid	* 3.1	J	0	0	ug/L
X5831-02	MW06-168	WATER	Trichloroacetic acid, tetradecy	* 2.7	J	0	0	ug/L
			Total SVOC's:	0.00				
			Total TIC's:	96.80				
			Total SVOC's and TIC's:	96.80				
Client ID:	MW12-60							
X5831-13	MW12-60	WATER	ACP3.06	* 94	A	0	0	ug/L
X5831-13	MW12-60	WATER	unknown9.07	* 2.6	J	0	0	ug/L
X5831-13	MW12-60	WATER	n-Hexadecanoic acid	* 3.1	J	0	0	ug/L
X5831-13	MW12-60	WATER	Trifluoroacetic acid, n-octadec	* 8.4	J	0	0	ug/L
X5831-13	MW12-60	WATER	unknown16.00	* 2.4	J	0	0	ug/L
			Total SVOC's:	0.00				
			Total TIC's:	110.50				
			Total SVOC's and TIC's:	110.50				
Client ID:	MW15-60							
X5831-01	MW15-60	WATER	ACP3.08	* 83	A	0	0	ug/L
X5831-01	MW15-60	WATER	Phenol, 2,3,6-trimethyl-	* 2.6	J	0	0	ug/L
X5831-01	MW15-60	WATER	Phenol, 2-(1-methylethyl)-	* 3.6	J	0	0	ug/L
X5831-01	MW15-60	WATER	unknown6.39	* 2.8	J	0	0	ug/L
X5831-01	MW15-60	WATER	unknown6.47	* 3.3	J	0	0	ug/L
X5831-01	MW15-60	WATER	unknown6.70	* 2.4	J	0	0	ug/L
X5831-01	MW15-60	WATER	Benzene, 2,4-dimethyl-1-(1-m	* 2.9	J	0	0	ug/L
X5831-01	MW15-60	WATER	unknown6.86	* 2.7	J	0	0	ug/L
X5831-01	MW15-60	WATER	unknown6.94	* 2.3	J	0	0	ug/L
X5831-01	MW15-60	WATER	unknown10.92	* 3.8	J	0	0	ug/L
			Total SVOC's:	0.00				
			Total TIC's:	109.40				
			Total SVOC's and TIC's:	109.40				

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

## Hit Summary Report

SDG No.: X5831

Order ID: X5831

Client: TRC Environmental Corp., NY

Project ID: Morris park RI/FS TRC#46130-0010

Test: SVOC-TCL BN -10

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	MW16-60							
X5831-04	MW16-60	WATER	2-Methylnaphthalene	1.4	J	10	1.1	ug/L
X5831-04	MW16-60	WATER	ACP3.07	* 92	A	0	0	ug/L
X5831-04	MW16-60	WATER	unknown3.21	* 4.0	J	0	0	ug/L
X5831-04	MW16-60	WATER	unknown4.44	* 7.4	J	0	0	ug/L
X5831-04	MW16-60	WATER	unknown5.01	* 3.3	J	0	0	ug/L
X5831-04	MW16-60	WATER	unknown6.77	* 2.8	J	0	0	ug/L
X5831-04	MW16-60	WATER	2,5-Cyclohexadiene-1,4-dione	* 18	J	0	0	ug/L
X5831-04	MW16-60	WATER	unknown7.17	* 3.7	J	0	0	ug/L
X5831-04	MW16-60	WATER	unknown7.35	* 3.2	J	0	0	ug/L
X5831-04	MW16-60	WATER	unknown10.97	* 18	J	0	0	ug/L
Total SVOC's:				1.40				
Total TIC's:				152.40				
Total SVOC's and TIC's:				153.80				
Client ID:	MW19-60							
X5831-12	MW19-60	WATER	ACP3.06	* 92	A	0	0	ug/L
X5831-12	MW19-60	WATER	n-Hexadecanoic acid	* 3.0	J	0	0	ug/L
X5831-12	MW19-60	WATER	1,3,5-Triazine-2,4(1H,3H)-dio	* 5.4	J	0	0	ug/L
X5831-12	MW19-60	WATER	Cyclopentadecane	* 3.9	J	0	0	ug/L
Total SVOC's:				0.00				
Total TIC's:				104.30				
Total SVOC's and TIC's:				104.30				
Client ID:	MW21D							
X5831-08	MW21D	WATER	bis(2-Ethylhexyl)phthalate	3.5	J	10	1.5	ug/L
X5831-08	MW21D	WATER	ACP3.08	* 82	A	0	0	ug/L
X5831-08	MW21D	WATER	1-Tricosene	* 2.5	J	0	0	ug/L
Total SVOC's:				3.50				
Total TIC's:				84.50				
Total SVOC's and TIC's:				88.00				
Client ID:	MW21S							
X5831-07	MW21S	WATER	bis(2-Ethylhexyl)phthalate	3.9	J	11	1.7	ug/L
X5831-07	MW21S	WATER	ACP3.07	* 91	A	0	0	ug/L
X5831-07	MW21S	WATER	1-Octadecanol	* 2.4	J	0	0	ug/L
Total SVOC's:				3.90				
Total TIC's:				93.40				
Total SVOC's and TIC's:				97.30				

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

## Hit Summary Report

SDG No.: X5831

Order ID: X5831

Client: TRC Environmental Corp., NY

Project ID: Morris park RI/FS TRC#46130-0010

Test: SVOC-TCL BN -10

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	MW26S							
X5831-16	MW26S	WATER	ACP3.06	* 84	A	0	0	ug/L
X5831-16	MW26S	WATER	Cyclotetracosane	* 2.3	J	0	0	ug/L
			Total SVOC's:	0.00				
			Total TIC's:	86.30				
			Total SVOC's and TIC's:	86.30				
Client ID:	MW3-168							
X5831-03	MW3-168	WATER	ACP3.07	* 96	A	0	0	ug/L
X5831-03	MW3-168	WATER	Tetradecanoic acid	* 2.8	J	0	0	ug/L
X5831-03	MW3-168	WATER	1-Nonadecene	* 4.3	J	0	0	ug/L
			Total SVOC's:	0.00				
			Total TIC's:	103.10				
			Total SVOC's and TIC's:	103.10				
Client ID:	MW-3U-60							
X5831-10	MW-3U-60	WATER	1,2-Dichlorobenzene	1.6	J	10	1.2	ug/L
X5831-10	MW-3U-60	WATER	Dibenzofuran	1.4	J	10	1.3	ug/L
X5831-10	MW-3U-60	WATER	Carbazole	2.6	J	10	1.3	ug/L
X5831-10	MW-3U-60	WATER	ACP3.07	* 86	A	0	0	ug/L
X5831-10	MW-3U-60	WATER	2-Propanol, 1-butoxy-	* 10	J	0	0	ug/L
X5831-10	MW-3U-60	WATER	1H-Benzotriazole, 5-methyl-	* 9.0	J	0	0	ug/L
X5831-10	MW-3U-60	WATER	Phenol, 4-(1,1,3,3-tetramethylt	* 39	J	0	0	ug/L
X5831-10	MW-3U-60	WATER	2(3H)-Benzothiazolone	* 15	J	0	0	ug/L
X5831-10	MW-3U-60	WATER	Phenol, 4-(1,1,3,3-tetramethylt	* 7.5	J	0	0	ug/L
X5831-10	MW-3U-60	WATER	unknown8.28	* 10	J	0	0	ug/L
X5831-10	MW-3U-60	WATER	Phenol, 4-(1,1-dimethylpropyl	* 7.3	J	0	0	ug/L
X5831-10	MW-3U-60	WATER	unknown8.42	* 6.9	J	0	0	ug/L
X5831-10	MW-3U-60	WATER	Phenol, 4-(1,1,3,3-tetramethylt	* 9.6	J	0	0	ug/L
			Total SVOC's:	5.60				
			Total TIC's:	200.30				
			Total SVOC's and TIC's:	205.90				

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

## Hit Summary Report

SDG No.: X5831

Order ID: X5831

Client: TRC Environmental Corp., NY

Project ID: Morris park RI/FS TRC#46130-0010

Test: SVOC-TCL BN -10

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	MW4-60							
X5831-11	MW4-60	WATER	Fluorene	1.7	J	10	1.4	ug/L
X5831-11	MW4-60	WATER	ACP3.07	* 84	A	0	0	ug/L
X5831-11	MW4-60	WATER	1H-Indene, 2,3-dihydro-4-met	* 6.4	J	0	0	ug/L
X5831-11	MW4-60	WATER	unknown6.93	* 25	J	0	0	ug/L
X5831-11	MW4-60	WATER	unknown7.06	* 4.7	J	0	0	ug/L
X5831-11	MW4-60	WATER	unknown7.21	* 4.7	J	0	0	ug/L
X5831-11	MW4-60	WATER	unknown7.40	* 8.7	J	0	0	ug/L
X5831-11	MW4-60	WATER	Naphthalene, 1,6,7-trimethyl-	* 11	J	0	0	ug/L
X5831-11	MW4-60	WATER	unknown7.89	* 6.8	J	0	0	ug/L
X5831-11	MW4-60	WATER	n-Hexadecanoic acid	* 5.7	J	0	0	ug/L
X5831-11	MW4-60	WATER	1,3,5-Triazine-2,4(1H,3H)-dio	* 7.4	J	0	0	ug/L
Total SVOC's:				1.70				
Total TIC's:				164.40				
Total SVOC's and TIC's:				166.10				
Client ID:	MW5-180							
X5831-15	MW5-180	WATER	Tetrachloroethylene	* 2.8	J	0	0	ug/L
X5831-15	MW5-180	WATER	ACP3.06	* 85	A	0	0	ug/L
X5831-15	MW5-180	WATER	n-Hexadecanoic acid	* 5.1	J	0	0	ug/L
X5831-15	MW5-180	WATER	1-Eicosanol	* 10	JB	0	0	ug/L
X5831-15	MW5-180	WATER	Octacosanol	* 2.4	J	0	0	ug/L
X5831-15	MW5-180	WATER	unknown16.00	* 2.3	J	0	0	ug/L
Total SVOC's:				0.00				
Total TIC's:				107.60				
Total SVOC's and TIC's:				107.60				
Client ID:	MW5-60							
X5831-14	MW5-60	WATER	ACP3.07	* 90	A	0	0	ug/L
X5831-14	MW5-60	WATER	unknown9.08	* 5.5	J	0	0	ug/L
X5831-14	MW5-60	WATER	n-Hexadecanoic acid	* 5.7	J	0	0	ug/L
X5831-14	MW5-60	WATER	1-Nonadecene	* 4.8	J	0	0	ug/L
X5831-14	MW5-60	WATER	Ethanol, 2-(octadecyloxy)-	* 6.5	J	0	0	ug/L
X5831-14	MW5-60	WATER	Tricosane	* 3.8	J	0	0	ug/L
X5831-14	MW5-60	WATER	Heptacosane	* 5.0	J	0	0	ug/L
X5831-14	MW5-60	WATER	Docosane	* 3.8	J	0	0	ug/L
X5831-14	MW5-60	WATER	Pentadecane, 8-heptyl-	* 4.2	J	0	0	ug/L
X5831-14	MW5-60	WATER	Heneicosane	* 4.4	J	0	0	ug/L
Total SVOC's:				0.00				
Total TIC's:				133.70				
Total SVOC's and TIC's:				133.70				

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

## Hit Summary Report

SDG No.: X5831

Order ID: X5831

Client: TRC Environmental Corp., NY

Project ID: Morris park RI/FS TRC#46130-0010

Test: SVOC-TCL BN -10

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	MW6-60							
X5831-05	MW6-60	WATER	Naphthalene	68		10	1.4	ug/L
X5831-05	MW6-60	WATER	Acenaphthene	13		10	1.4	ug/L
X5831-05	MW6-60	WATER	Fluorene	27		10	1.4	ug/L
X5831-05	MW6-60	WATER	Phenanthrene	37		10	1.4	ug/L
X5831-05	MW6-60	WATER	Carbazole	11		10	1.3	ug/L
X5831-05	MW6-60	WATER	ACP3.08	* 61	A	0	0	ug/L
X5831-05	MW6-60	WATER	Naphthalene, decahydro-, tra	* 17	J	0	0	ug/L
X5831-05	MW6-60	WATER	unknown4.96	* 22	J	0	0	ug/L
X5831-05	MW6-60	WATER	Decane, 3,6-dimethyl-	* 24	J	0	0	ug/L
X5831-05	MW6-60	WATER	Benzene, 1,2,4,5-tetramethyl-	* 25	J	0	0	ug/L
X5831-05	MW6-60	WATER	Benzene, 1-methyl-4-(1-methyl-	* 21	J	0	0	ug/L
X5831-05	MW6-60	WATER	Cyclohexane, pentyl-	* 21	J	0	0	ug/L
X5831-05	MW6-60	WATER	Benzene, 2-butenyl-	* 24	J	0	0	ug/L
X5831-05	MW6-60	WATER	3-Phenylbut-1-ene	* 58	J	0	0	ug/L
X5831-05	MW6-60	WATER	Nonane, 3-methyl-	* 44	J	0	0	ug/L
Total SVOC's:				156.00				
Total TIC's:				317.00				
Total SVOC's and TIC's:				473.00				
Client ID:	MW6-60(DUP)							
X5831-06	MW6-60(DUP)	WATER	Naphthalene	54		10	1.4	ug/L
X5831-06	MW6-60(DUP)	WATER	Acenaphthene	7.4	J	10	1.3	ug/L
X5831-06	MW6-60(DUP)	WATER	Dibenzofuran	7.1	J	10	1.3	ug/L
X5831-06	MW6-60(DUP)	WATER	Fluorene	14		10	1.4	ug/L
X5831-06	MW6-60(DUP)	WATER	Phenanthrene	14		10	1.4	ug/L
X5831-06	MW6-60(DUP)	WATER	Carbazole	13		10	1.3	ug/L
X5831-06	MW6-60(DUP)	WATER	ACP3.07	* 75	A	0	0	ug/L
X5831-06	MW6-60(DUP)	WATER	unknown5.32	* 33	J	0	0	ug/L
X5831-06	MW6-60(DUP)	WATER	Naphthalene, 1-methyl-	* 47	J	0	0	ug/L
X5831-06	MW6-60(DUP)	WATER	Naphthalene, 2-ethyl-	* 29	J	0	0	ug/L
X5831-06	MW6-60(DUP)	WATER	Naphthalene, 2,6-dimethyl-	* 68	J	0	0	ug/L
X5831-06	MW6-60(DUP)	WATER	Naphthalene, 2,3-dimethyl-	* 52	J	0	0	ug/L
X5831-06	MW6-60(DUP)	WATER	unknown7.06	* 34	J	0	0	ug/L
X5831-06	MW6-60(DUP)	WATER	Undecane, 2,5-dimethyl-	* 31	J	0	0	ug/L
X5831-06	MW6-60(DUP)	WATER	Tridecane, 5-propyl-	* 73	J	0	0	ug/L
X5831-06	MW6-60(DUP)	WATER	Decane, 3-methyl-	* 44	J	0	0	ug/L
Total SVOC's:				109.50				
Total TIC's:				486.00				
Total SVOC's and TIC's:				595.50				

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



## Hit Summary Report

SDG No.: X5831

Order ID: X5831

Client: TRC Environmental Corp., NY

Project ID: Morris park RI/FS TRC#46130-0010

Test: SVOC-TCL BN -10

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	MW6-60(DUP)DL							
X5831-06DL	MW6-60(DUP)DL	WATER	Naphthalene	68	D	50	6.9	ug/L
X5831-06DL	MW6-60(DUP)DL	WATER	2-Methylnaphthalene	230	D	50	5.4	ug/L
X5831-06DL	MW6-60(DUP)DL	WATER	Acenaphthene	7.6	JD	50	6.7	ug/L
X5831-06DL	MW6-60(DUP)DL	WATER	Dibenzofuran	8.4	JD	50	6.5	ug/L
X5831-06DL	MW6-60(DUP)DL	WATER	Fluorene	16	JD	50	7.0	ug/L
X5831-06DL	MW6-60(DUP)DL	WATER	Phenanthrene	17	JD	50	7.1	ug/L
X5831-06DL	MW6-60(DUP)DL	WATER	Carbazole	14	JD	50	6.4	ug/L
Total SVOC's:				361.00				
Total TIC's:				0.00				
Total SVOC's and TIC's:				361.00				

Client ID:	MW6-60DL							
X5831-05DL	MW6-60DL	WATER	Naphthalene	78	D	51	7.0	ug/L
X5831-05DL	MW6-60DL	WATER	2-Methylnaphthalene	300	D	51	5.5	ug/L
X5831-05DL	MW6-60DL	WATER	Acenaphthylene	7.3	JD	51	6.5	ug/L
X5831-05DL	MW6-60DL	WATER	Acenaphthene	15	JD	51	6.8	ug/L
X5831-05DL	MW6-60DL	WATER	Dibenzofuran	16	JD	51	6.5	ug/L
X5831-05DL	MW6-60DL	WATER	Fluorene	31	JD	51	7.1	ug/L
X5831-05DL	MW6-60DL	WATER	Phenanthrene	44	JD	51	7.2	ug/L
X5831-05DL	MW6-60DL	WATER	Carbazole	13	JD	51	6.4	ug/L
X5831-05DL	MW6-60DL	WATER	bis(2-Ethylhexyl)phthalate	63	D	51	7.7	ug/L
Total SVOC's:				567.30				
Total TIC's:				0.00				
Total SVOC's and TIC's:				567.30				

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



# CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO. **X5831**

COC Number **062431**

CLIENT INFORMATION				CLIENT PROJECT INFORMATION				CLIENT BILLING INFORMATION			
REPORT TO BE SENT TO:				PROJECT NAME: <b>LIRE Morris Park</b>				BILL TO: <b>SAME</b>			
COMPANY: <b>TRC Engineers, INC.</b>				PROJECT NO.: <b>46132-0010-0005</b>				PROJECT NO.: <b>46132-0010-0005</b>			
ADDRESS: <b>1430 Broadway 10th Fl.</b>				LOCATION: <b>Richmond Hill NY</b>				ADDRESS:			
CITY: <b>NY NY</b>				STATE: <b>NY</b>				CITY:			
ATTENTION: <b>William Silveri</b>				PROJECT MANAGER: <b>William Silveri</b>				ATTENTION:			
PHONE: <b>646-884-2787</b>				FAX:				PHONE:			
FAX:				DATA DELIVERABLE INFORMATION				ANALYSIS			
HARD COPY: _____ DAYS				<input type="checkbox"/> RESULTS ONLY <input type="checkbox"/> USEPA CLP				<input type="checkbox"/> ANALYSIS			
EED: _____ DAYS				<input type="checkbox"/> RESULTS + QC <input checked="" type="checkbox"/> New York State ASP 'B'				<input type="checkbox"/> ANALYSIS			
EED: _____ DAYS				<input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP 'A'				<input type="checkbox"/> ANALYSIS			
EED: _____ DAYS				<input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____				<input type="checkbox"/> ANALYSIS			
EED: _____ DAYS				<input type="checkbox"/> EDD FORMAT				<input type="checkbox"/> ANALYSIS			
* TO BE APPROVED BY CHEMTECH				1 2 3 4 5 6 7 8 9				1 2 3 4 5 6 7 8 9			
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS				1 2 3 4 5 6 7 8 9				1 2 3 4 5 6 7 8 9			
CHEMTECH SAMPLE ID	PROJECT IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	1 OF 10 BOTTLES	PRESERVATIVES	COMMENTS	ANALYSIS	ANALYSIS	ANALYSIS
1.	MW 15-60	GW	X	12-6-06	0925	2	X				
2.	MW 06-16B	GW	X	12-6-06	1605	2	X				
3.	MW 3-16B	GW	X	12-6-06	1707	2	X				
4.	MW 16-60	GW	X	12-6-06	1432	2	X				
5.	MW 6-60	GW	X	12-6-06	1340	2	X				
6.	MW 6-60 "DUP"	GW	X	12-6-06	1342	2	X				
7.	MW 21S	GW	X	12-6-06	1610	2	X				
8.	MW 21D	GW	X	12-6-06	1605	2	X				
9.	FIELD BLANK	Ag	X	12-6-06	1400	2	X				
10.	MW 34-60	GW	X	12-7-06	0945	2	X				
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY											
RELINQUISHED BY SAMPLER:		DATE/TIME: <b>12-11-06</b>		RECEIVED BY:		DATE/TIME: <b>12-11-06</b>		COOLER TEMP.:		COOLER IN COOLER?:	
1. <b>Shawn Smith</b>		1. <b>Shawn Smith</b>		2. <b>Shawn Smith</b>		2. <b>Shawn Smith</b>		3. <b>Shawn Smith</b>		3. <b>Shawn Smith</b>	
305		305		305		305		305		305	
SHIPPED VIA: CLIENT: <input type="checkbox"/> HAND DELIVERED <input type="checkbox"/> OVERNIGHT <input checked="" type="checkbox"/> PICKED UP <input type="checkbox"/> OVERNIGHT <input type="checkbox"/> NO											
SHIPMENT COMPLETE: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO											

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
[www.chemtech.net](http://www.chemtech.net)

## CHAIN OF CUSTODY RECORD

CHEMTech PROJECT NO.

COC Number

062430

X-5831

<b>CLIENT INFORMATION</b> COMPANY: <u>TRC Engineering, Inc.</u> ADDRESS: <u>1430 Broadway</u> <u>10th Fl</u> CITY: <u>NY NY</u> STATE: <u>NY</u> ZIP: <u>10018</u> ATTENTION: <u>William Silveri</u> PHONE: <u>646-584-2797</u> FAX: _____ DATA TURNAROUND INFORMATION FAK: _____ DAYS: _____ HARD COPY: _____ DAYS: _____ EDD: _____ DAYS: _____ * TO BE APPROVED BY CHEMTECH STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		<b>CLIENT PROJECT INFORMATION</b> PROJECT NAME: <u>LIRR Morris Park</u> PROJECT NO.: <u>96130-0010-0003</u> LOCATION: <u>Babcock Hill</u> PROJECT MANAGER: <u>William Silveri</u> e-mail: <u>WSilveri@TRCSolutions.com</u> PHONE: _____ FAX: _____ DATA DELIVERABLE INFORMATION <input type="checkbox"/> RESULTS ONLY <input type="checkbox"/> USEPA CLP <input type="checkbox"/> RESULTS + QC <input checked="" type="checkbox"/> New York State ASP "B" <input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A" <input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____ <input type="checkbox"/> EDD FORMAT		<b>CLIENT BILLING INFORMATION</b> BILL TO: <u>Same</u> PO#: _____ ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____ ATTENTION: _____ PHONE: _____ ANALYSIS: _____		<b>COMMENTS</b> ← Specify Preservatives A-HCl    B-HNO <sub>3</sub> C-H <sub>2</sub> SO <sub>4</sub> D-NaOH E-ICE    F-Other _____	
--	--	---	--	---	--	--	--

CHEMTECH SAMPLE ID	PROJECT IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES										COMMENTS
				DATE	TIME		1	2	3	4	5	6	7	8	9		
1.	MW 4-60	GW	X	12-7-06	1030	2											
2.	MW 19-60	GW	X	12-7-06	1152	2											
3.	MW 12-60	GW	X	12-7-06	1207	2											
4.	MW 5-60	GW	X	12-7-06	1440	2											
5.	MW 5-100	GW	X	12-7-06	1545	2											
6.	MW 26S	GW	X	12-8-06	1017	2											
7.	TRIP BLANK	Ag		12-8-06	-	1											
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY			
RELINQUISHED BY SAMPLER:	DATE/TIME: <u>12:50</u>	RECEIVED BY:	DATE/TIME: <u>12:50</u>
1. <u>W. Silveri</u>	DATE/TIME: <u>12-11-06</u>	1. <u>William Silveri</u>	DATE/TIME: <u>12-11-06</u>
2. _____	DATE/TIME: _____	2. _____	DATE/TIME: _____
3. <u>William Silveri</u>	DATE/TIME: <u>12-11-06</u>	3. <u>William Silveri</u>	DATE/TIME: <u>12-11-06</u>

SHIPPED VIA: CLIENT: <input type="checkbox"/> HAND DELIVERED <input type="checkbox"/> OVERNIGHT CHEMTECH: <input checked="" type="checkbox"/> PICKED UP <input type="checkbox"/> OVERNIGHT	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant MeOH extraction requires an additional 4 oz jar for percent solid. Cooler Temp: _____ Ice in Cooler?: <u>Yes</u>
Page <u>2</u> of <u>2</u>	Shipment Complete: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01
--------

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5831 SAS No.: X5831 SDG No.: X5831

Matrix (soil/water): WATER Lab Sample ID: VBH1207-01

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012164.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 12/7/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VELK02

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5831 SAS No.: X5831 SDG No.: X5831

Matrix (soil/water): WATER Lab Sample ID: VBH1215-01

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012422.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 12/15/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 2 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50	U

Comments: \_\_\_\_\_

MW06-168

Lab Name: <u>Chemtech</u>	Contract: <u>TRCE03</u>
Lab Code: <u>CHEM</u> Case No.: <u>X5831</u>	SAS No.: <u>X5831</u> SDG No.: <u>X5831</u>
Matrix (soil/water): <u>WATER</u>	Lab Sample ID: <u>X5831-02</u>
Sample wt/vol: <u>5.0</u> (g/mL) <u>mL</u>	Lab File ID: <u>VH012430.D</u>
Level (low/med): _____	Date Received: <u>12/11/2006</u>
% Moisture: not dec. <u>100</u>	Date Analyzed: <u>12/15/2006</u>
GC Column: <u>RTX624</u> ID: <u>0.53</u>	Dilution Factor: <u>1.0</u>
Soil Extract Volume: _____	Soil Aliquot Volume: _____
Number TICS found: <u>1</u>	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments:

MW3-168

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

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW16-60

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5831 SAS No.: X5831 SDG No.: X5831

Matrix (soil/water): WATER Lab Sample ID: X5831-04

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012432.D

Level (low/med): \_\_\_\_\_ Date Received: 12/11/2006

% Moisture: not dec. 100 Date Analyzed: 12/15/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_



VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW6-60
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Lab Name: ChemtechContract: TRCE03Lab Code: CHEMCase No.: X5831SAS No.: X5831SDG No.: X5831Matrix (soil/water): WATERLab Sample ID: X5831-05Sample wt/vol: 5.0 (g/mL) mLLab File ID: VH012427.D

Level (low/med): \_\_\_\_\_

Date Received: 12/11/2006% Moisture: not dec. 100Date Analyzed: 12/15/2006GC Column: RTX624 ID: 0.53Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_

Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW6-60 (DUP)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5831 SAS No.: X5831 SDG No.: X5831

Matrix (soil/water): WATER Lab Sample ID: X5831-06

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012428.D

Level (low/med): \_\_\_\_\_ Date Received: 12/11/2006

% Moisture: not dec. 100 Date Analyzed: 12/15/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW21S

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5831 SAS No.: X5831 SDG No.: X5831

Matrix (soil/water): WATER Lab Sample ID: X5831-07

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012433.D

Level (low/med): \_\_\_\_\_ Date Received: 12/11/2006

% Moisture: not dec. 100 Date Analyzed: 12/15/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW21D

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5831 SAS No.: X5831 SDG No.: X5831

Matrix (soil/water): WATER Lab Sample ID: X5831-08

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012440.D

Level (low/med): \_\_\_\_\_ Date Received: 12/11/2006

% Moisture: not dec. 100 Date Analyzed: 12/15/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK
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Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5831 SAS No.: X5831 SDG No.: X5831

Matrix (soil/water): WATER Lab Sample ID: X5831-09

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012426.D

Level (low/med): \_\_\_\_\_ Date Received: 12/11/2006

% Moisture: not dec. 100 Date Analyzed: 12/15/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 1 CONCENTRATION UNITS: \_\_\_\_\_  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-3U-60

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5831 SAS No.: X5831 SDG No.: X5831

Matrix (soil/water): WATER Lab Sample ID: X5831-10

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012434.D

Level (low/med): \_\_\_\_\_ Date Received: 12/11/2006

% Moisture: not dec. 100 Date Analyzed: 12/15/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW4-60

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5831 SAS No.: X5831 SDG No.: X5831

Matrix (soil/water): WATER Lab Sample ID: X5831-11

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012435.D

Level (low/med): \_\_\_\_\_ Date Received: 12/11/2006

% Moisture: not dec. 100 Date Analyzed: 12/15/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW19-60
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Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5831 SAS No.: X5831 SDG No.: X5831

Matrix (soil/water): WATER Lab Sample ID: X5831-12

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012436.D

Level (low/med): \_\_\_\_\_ Date Received: 12/11/2006

% Moisture: not dec. 100 Date Analyzed: 12/15/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_



MW12-60

(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments:

MW5-60

Lab Name:	<u>Chemtech</u>	Contract:	<u>TRCE03</u>
Lab Code:	<u>CHEM</u>	Case No.:	<u>X5831</u>
Matrix (soil/water):	<u>WATER</u>	SAS No.:	<u>X5831</u>
Sample wt/vol:	<u>5.0</u>	SDG No.:	<u>X5831</u>
	(g/mL) <u>mL</u>	Lab Sample ID:	<u>X5831-14</u>
Level (low/med):	<u></u>	Lab File ID:	<u>VH012438.D</u>
% Moisture: not dec.	<u>100</u>	Date Received:	<u>12/11/2006</u>
GC Column:	<u>RTX624</u>	Date Analyzed:	<u>12/15/2006</u>
ID:	<u>0.53</u>	Dilution Factor:	<u>1.0</u>
Soil Extract Volume:	<u></u>	Soil Aliquot Volume:	<u></u>
Number TICS found:	<u>1</u>	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	<u>ug/L</u>

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW5-180

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5831 SAS No.: X5831 SDG No.: X5831

Matrix (soil/water): WATER Lab Sample ID: X5831-15

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012441.D

Level (low/med): \_\_\_\_\_ Date Received: 12/11/2006

% Moisture: not dec. 100 Date Analyzed: 12/15/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments: \_\_\_\_\_

MW26S

(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Chlorodifluoromethane	1.11	50.0	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW21D

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5831 SAS No.: X5831 SDG No.: X5831

Matrix (soil/water): WATER Lab Sample ID: X5831-08

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012440.D

Level (low/med): \_\_\_\_\_ Date Received: 12/11/2006

% Moisture: not dec. 100 Date Analyzed: 12/15/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 75-45-6	Difluorochlorometane	1.11	11.9	J

Comments: \_\_\_\_\_

**DATA PACKAGE FOR  
VOLATILE ORGANICS****PROJECT NAME: Morris park RI/FS TRC#46130-0010****TRC ENVIRONMENTAL CORP., NY  
1430 BROADWAY  
10TH FLOOR  
NEW YORK, NY 10018  
2122217822****CHEMTECH PROJECT NO.  
ATTENTION:****X5892  
William Silveri**

## COVER PAGE

OrderID: X5892

ProjectID: Morris park RI/FS TRC#461  
CustomerName: TRC Environmental Corp., NY

LAB SAMPLE NO.	CLIENT SAMPLE NO
X5892-01	TRIPBLANK
X5892-02	MW28D
X5892-03	MW28S
X5892-04	MW-01-60
X5892-05	MW01-140
X5892-06	MW29-D
X5892-07	MW30D
X5892-08	MW08-60
X5892-09	MW08-150
X5892-10	MW20-50
X5892-11	MW02-160R
X5892-12	PMW-05
X5892-13	MW24-60
X5892-14	MW02-50R
X5892-15	FIELD BLANK
X5892-16	MW17-60R
X5892-17	MW17-60R(DUP)
X5892-18	MW27D
X5892-19	TRIPBLANK

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: Hildred V Reyes Name: Hildred V Reyes  
Date: 1/3/07 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 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.



# Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/11/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X5892
Lab Sample ID:	X5892-01	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005805.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/11/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X5892
Lab Sample ID:	X5892-01	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005805.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	45.02	90 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	54.77	110 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.12	98 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	46.26	93 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	761745	4.34
540-36-3	1,4-Difluorobenzene	992791	5.64
3114-55-4	Chlorobenzene-d5	1044986	10.60
3855-82-1	1,4-Dichlorobenzene-d4	496033	14.37

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N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW28D	SDG No.:	X5892
Lab Sample ID:	X5892-02	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wet:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005798.D	1	12/22/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	2.9	J	5.0	0.29	ug/L
67-66-3	Chloroform	4.0	J	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	1100	E	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountinside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW28D	SDG No.:	X5892
Lab Sample ID:	X5892-02	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005798.D	1	12/22/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	8.2		5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	54.43	109 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	59.4	119 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	46.89	94 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	35.38	71 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	749681	4.32
540-36-3	1,4-Difluorobenzene	1247207	5.61
3114-55-4	Chlorobenzene-d5	1147551	10.56
3855-82-1	1,4-Dichlorobenzene-d4	333427	14.32

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW28DDL	SDG No.:	X5892
Lab Sample ID:	X5892-02DL	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005808.D	20	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	3.4	U	100	3.4	ug/L
74-87-3	Chloromethane	6.9	U	100	6.9	ug/L
75-01-4	Vinyl chloride	6.6	U	100	6.6	ug/L
74-83-9	Bromomethane	8.2	U	100	8.2	ug/L
75-00-3	Chloroethane	17	U	100	17	ug/L
75-69-4	Trichlorofluoromethane	4.4	U	100	4.4	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	26	U	100	26	ug/L
75-35-4	1,1-Dichloroethene	8.3	U	100	8.3	ug/L
67-64-1	Acetone	45	U	500	45	ug/L
75-15-0	Carbon disulfide	8.0	U	100	8.0	ug/L
1634-04-4	Methyl tert-butyl Ether	5.6	U	100	5.6	ug/L
79-20-9	Methyl Acetate	4.0	U	100	4.0	ug/L
75-09-2	Methylene Chloride	8.5	U	100	8.5	ug/L
156-60-5	trans-1,2-Dichloroethene	8.0	U	100	8.0	ug/L
75-34-3	1,1-Dichloroethane	7.6	U	100	7.6	ug/L
110-82-7	Cyclohexane	7.3	U	100	7.3	ug/L
78-93-3	2-Butanone	23	U	500	23	ug/L
56-23-5	Carbon Tetrachloride	23	U	100	23	ug/L
156-59-2	cis-1,2-Dichloroethene	5.8	U	100	5.8	ug/L
67-66-3	Chloroform	6.7	U	100	6.7	ug/L
71-55-6	1,1,1-Trichloroethane	6.5	U	100	6.5	ug/L
108-87-2	Methylcyclohexane	6.8	U	100	6.8	ug/L
71-43-2	Benzene	7.7	U	100	7.7	ug/L
107-06-2	1,2-Dichloroethane	6.8	U	100	6.8	ug/L
79-01-6	Trichloroethene	1000	D	100	9.2	ug/L
78-87-5	1,2-Dichloropropane	8.1	U	100	8.1	ug/L
75-27-4	Bromodichloromethane	6.7	U	100	6.7	ug/L
108-10-1	4-Methyl-2-Pentanone	32	U	500	32	ug/L
108-88-3	Toluene	7.3	U	100	7.3	ug/L
10061-02-6	t-1,3-Dichloropropene	6.3	U	100	6.3	ug/L
10061-01-5	cis-1,3-Dichloropropene	7.2	U	100	7.2	ug/L
79-00-5	1,1,2-Trichloroethane	8.1	U	100	8.1	ug/L

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW28DDL	SDG No.:	X5892
Lab Sample ID:	X5892-02DL	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005808.D	20	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	34	U	500	34	ug/L
124-48-1	Dibromochloromethane	5.3	U	100	5.3	ug/L
106-93-4	1,2-Dibromoethane	6.5	U	100	6.5	ug/L
127-18-4	Tetrachloroethene	9.6	U	100	9.6	ug/L
108-90-7	Chlorobenzene	9.3	U	100	9.3	ug/L
100-41-4	Ethyl Benzene	9.1	U	100	9.1	ug/L
126777-61-2	m/p-Xylenes	24	U	200	24	ug/L
95-47-6	o-Xylene	9.1	U	100	9.1	ug/L
100-42-5	Styrene	8.2	U	100	8.2	ug/L
75-25-2	Bromoform	6.3	U	100	6.3	ug/L
98-82-8	Isopropylbenzene	8.8	U	100	8.8	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U	100	6.0	ug/L
541-73-1	1,3-Dichlorobenzene	9.9	U	100	9.9	ug/L
106-46-7	1,4-Dichlorobenzene	11	U	100	11	ug/L
95-50-1	1,2-Dichlorobenzene	8.7	U	100	8.7	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	7.5	U	100	7.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	9.2	U	100	9.2	ug/L
593-70-4	Chlorofluoromethane	100	U	100	100	ug/L
75-43-4	Fluorodichloromethane	100	U	100	100	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	47.12	94 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	58.64	117 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.5	99 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.21	96 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	689527	4.34
540-36-3	1,4-Difluorobenzene	871160	5.65
3114-55-4	Chlorobenzene-d5	903183	10.61
3855-82-1	1,4-Dichlorobenzene-d4	425927	14.38

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284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW28S	SDG No.:	X5892
Lab Sample ID:	X5892-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012616.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW28S	SDG No.:	X5892
Lab Sample ID:	X5892-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012616.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	54.3	109 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	50.07	100 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.42	99 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	47.66	95 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	448175	4.65
540-36-3	1,4-Difluorobenzene	823647	5.26
3114-55-4	Chlorobenzene-d5	857757	8.99
3855-82-1	1,4-Dichlorobenzene-d4	377483	11.57

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW-01-60	SDG No.:	X5892
Lab Sample ID:	X5892-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012617.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	3.0	J	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

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B = Analyte Found in Associated Method Blank

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# Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW-01-60	SDG No.:	X5892
Lab Sample ID:	X5892-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012617.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	1.2	J	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.89	106 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	45.98	92 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.35	99 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	49.68	99 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	444219	4.65
540-36-3	1,4-Difluorobenzene	815118	5.26
3114-55-4	Chlorobenzene-d5	852104	8.99
3855-82-1	1,4-Dichlorobenzene-d4	379010	11.56

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284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW01-140	SDG No.:	X5892
Lab Sample ID:	X5892-05	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012618.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	4.4	J	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW01-140	SDG No.:	X5892
Lab Sample ID:	X5892-05	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012618.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	2.8	J	5.0	2.79	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	53.89	108 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	47.37	95 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.2	98 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	47.31	95 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	438934	4.65
540-36-3	1,4-Difluorobenzene	810200	5.26
3114-55-4	Chlorobenzene-d5	848692	8.98
3855-82-1	1,4-Dichlorobenzene-d4	376655	11.56

U = Not Detected

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW29-D	SDG No.:	X5892
Lab Sample ID:	X5892-06	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005812.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	3.7	J	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	11		5.0	0.29	ug/L
67-66-3	Chloroform	3.8	J	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	1100	E	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW29-D	SDG No.:	X5892
Lab Sample ID:	X5892-06	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005812.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	10		5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	50.6	101 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	61.22	122 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	44.96	90 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	44.17	88 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	625581	4.34
540-36-3	1,4-Difluorobenzene	826029	5.64
3114-55-4	Chlorobenzene-d5	842456	10.60
3855-82-1	1,4-Dichlorobenzene-d4	353525	14.37

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW29-DDL	SDG No.:	X5892
Lab Sample ID:	X5892-06DL	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012628.D	20	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	3.4	U	100	3.4	ug/L
74-87-3	Chloromethane	6.9	U	100	6.9	ug/L
75-01-4	Vinyl chloride	6.6	U	100	6.6	ug/L
74-83-9	Bromomethane	8.2	U	100	8.2	ug/L
75-00-3	Chloroethane	17	U	100	17	ug/L
75-69-4	Trichlorofluoromethane	4.4	U	100	4.4	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	26	U	100	26	ug/L
75-35-4	1,1-Dichloroethene	8.3	U	100	8.3	ug/L
67-64-1	Acetone	45	U	500	45	ug/L
75-15-0	Carbon disulfide	8.0	U	100	8.0	ug/L
1634-04-4	Methyl tert-butyl Ether	5.6	U	100	5.6	ug/L
79-20-9	Methyl Acetate	4.0	U	100	4.0	ug/L
75-09-2	Methylene Chloride	8.5	U	100	8.5	ug/L
156-60-5	trans-1,2-Dichloroethene	8.0	U	100	8.0	ug/L
75-34-3	1,1-Dichloroethane	7.6	U	100	7.6	ug/L
110-82-7	Cyclohexane	7.3	U	100	7.3	ug/L
78-93-3	2-Butanone	23	U	500	23	ug/L
56-23-5	Carbon Tetrachloride	23	U	100	23	ug/L
156-59-2	cis-1,2-Dichloroethene	5.8	U	100	5.8	ug/L
67-66-3	Chloroform	6.7	U	100	6.7	ug/L
71-55-6	1,1,1-Trichloroethane	6.5	U	100	6.5	ug/L
108-87-2	Methylcyclohexane	6.8	U	100	6.8	ug/L
71-43-2	Benzene	7.7	U	100	7.7	ug/L
107-06-2	1,2-Dichloroethane	6.8	U	100	6.8	ug/L
79-01-6	Trichloroethene	1000	D	100	9.2	ug/L
78-87-5	1,2-Dichloropropane	8.1	U	100	8.1	ug/L
75-27-4	Bromodichloromethane	6.7	U	100	6.7	ug/L
108-10-1	4-Methyl-2-Pentanone	32	U	500	32	ug/L
108-88-3	Toluene	7.3	U	100	7.3	ug/L
10061-02-6	t-1,3-Dichloropropene	6.3	U	100	6.3	ug/L
10061-01-5	cis-1,3-Dichloropropene	7.2	U	100	7.2	ug/L
79-00-5	1,1,2-Trichloroethane	8.1	U	100	8.1	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW29-DDL	SDG No.:	X5892
Lab Sample ID:	X5892-06DL	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012628.D	20	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	34	U	500	34	ug/L
124-48-1	Dibromochloromethane	5.3	U	100	5.3	ug/L
106-93-4	1,2-Dibromoethane	6.5	U	100	6.5	ug/L
127-18-4	Tetrachloroethene	9.6	U	100	9.6	ug/L
108-90-7	Chlorobenzene	9.3	U	100	9.3	ug/L
100-41-4	Ethyl Benzene	9.1	U	100	9.1	ug/L
126777-61-2	m/p-Xylenes	24	U	200	24	ug/L
95-47-6	o-Xylene	9.1	U	100	9.1	ug/L
100-42-5	Styrene	8.2	U	100	8.2	ug/L
75-25-2	Bromoform	6.3	U	100	6.3	ug/L
98-82-8	Isopropylbenzene	8.8	U	100	8.8	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U	100	6.0	ug/L
541-73-1	1,3-Dichlorobenzene	9.9	U	100	9.9	ug/L
106-46-7	1,4-Dichlorobenzene	11	U	100	11	ug/L
95-50-1	1,2-Dichlorobenzene	8.7	U	100	8.7	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	7.5	U	100	7.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	9.2	U	100	9.2	ug/L
593-70-4	Chlorofluoromethane	100	U	100	100	ug/L
75-43-4	Fluorodichloromethane	100	U	100	100	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	58.09	116 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	50.57	101 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	51.68	103 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.53	97 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	427899	4.64
540-36-3	1,4-Difluorobenzene	766434	5.24
3114-55-4	Chlorobenzene-d5	811588	8.98
3855-82-1	1,4-Dichlorobenzene-d4	352538	11.55

U = Not Detected

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW30D	SDG No.:	X5892
Lab Sample ID:	X5892-07	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005813.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	2.6	J	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	7.8		5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	1.0	J	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	1100	E	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	1.4	J	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW30D	SDG No.:	X5892
Lab Sample ID:	X5892-07	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005813.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	5.7		5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	53.46	107 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	62.19	124 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	46.68	93 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	46.6	93 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	638744	4.34
540-36-3	1,4-Difluorobenzene	810334	5.64
3114-55-4	Chlorobenzene-d5	850427	10.61
3855-82-1	1,4-Dichlorobenzene-d4	384720	14.37

U = Not Detected

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW30DDL	SDG No.:	X5892
Lab Sample ID:	X5892-07DL	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012629.D	20	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	3.4	U	100	3.4	ug/L
74-87-3	Chloromethane	6.9	U	100	6.9	ug/L
75-01-4	Vinyl chloride	6.6	U	100	6.6	ug/L
74-83-9	Bromomethane	8.2	U	100	8.2	ug/L
75-00-3	Chloroethane	17	U	100	17	ug/L
75-69-4	Trichlorofluoromethane	4.4	U	100	4.4	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	26	U	100	26	ug/L
75-35-4	1,1-Dichloroethene	8.3	U	100	8.3	ug/L
67-64-1	Acetone	45	U	500	45	ug/L
75-15-0	Carbon disulfide	8.0	U	100	8.0	ug/L
1634-04-4	Methyl tert-butyl Ether	5.6	U	100	5.6	ug/L
79-20-9	Methyl Acetate	4.0	U	100	4.0	ug/L
75-09-2	Methylene Chloride	8.5	U	100	8.5	ug/L
156-60-5	trans-1,2-Dichloroethene	8.0	U	100	8.0	ug/L
75-34-3	1,1-Dichloroethane	7.6	U	100	7.6	ug/L
110-82-7	Cyclohexane	7.3	U	100	7.3	ug/L
78-93-3	2-Butanone	23	U	500	23	ug/L
56-23-5	Carbon Tetrachloride	23	U	100	23	ug/L
156-59-2	cis-1,2-Dichloroethene	5.8	U	100	5.8	ug/L
67-66-3	Chloroform	6.7	U	100	6.7	ug/L
71-55-6	1,1,1-Trichloroethane	6.5	U	100	6.5	ug/L
108-87-2	Methylcyclohexane	6.8	U	100	6.8	ug/L
71-43-2	Benzene	7.7	U	100	7.7	ug/L
107-06-2	1,2-Dichloroethane	6.8	U	100	6.8	ug/L
79-01-6	Trichloroethene	1700	D	100	9.2	ug/L
78-87-5	1,2-Dichloropropane	8.1	U	100	8.1	ug/L
75-27-4	Bromodichloromethane	6.7	U	100	6.7	ug/L
108-10-1	4-Methyl-2-Pentanone	32	U	500	32	ug/L
108-88-3	Toluene	7.3	U	100	7.3	ug/L
10061-02-6	t-1,3-Dichloropropene	6.3	U	100	6.3	ug/L
10061-01-5	cis-1,3-Dichloropropene	7.2	U	100	7.2	ug/L
79-00-5	1,1,2-Trichloroethane	8.1	U	100	8.1	ug/L

U = Not Detected

RL = Reporting Limit

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

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284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW30DDL	SDG No.:	X5892
Lab Sample ID:	X5892-07DL	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012629.D	20	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	34	U	500	34	ug/L
124-48-1	Dibromochloromethane	5.3	U	100	5.3	ug/L
106-93-4	1,2-Dibromoethane	6.5	U	100	6.5	ug/L
127-18-4	Tetrachloroethene	9.6	U	100	9.6	ug/L
108-90-7	Chlorobenzene	9.3	U	100	9.3	ug/L
100-41-4	Ethyl Benzene	9.1	U	100	9.1	ug/L
126777-61-2	m/p-Xylenes	24	U	200	24	ug/L
95-47-6	o-Xylene	9.1	U	100	9.1	ug/L
100-42-5	Styrene	8.2	U	100	8.2	ug/L
75-25-2	Bromoform	6.3	U	100	6.3	ug/L
98-82-8	Isopropylbenzene	8.8	U	100	8.8	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U	100	6.0	ug/L
541-73-1	1,3-Dichlorobenzene	9.9	U	100	9.9	ug/L
106-46-7	1,4-Dichlorobenzene	11	U	100	11	ug/L
95-50-1	1,2-Dichlorobenzene	8.7	U	100	8.7	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	7.5	U	100	7.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	9.2	U	100	9.2	ug/L
593-70-4	Chlorofluoromethane	100	U	100	100	ug/L
75-43-4	Fluorodichloromethane	100	U	100	100	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	57.95	116 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	49.21	98 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.42	99 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	47.51	95 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	427132	4.64
540-36-3	1,4-Difluorobenzene	779473	5.24
3114-55-4	Chlorobenzene-d5	792550	8.98
3855-82-1	1,4-Dichlorobenzene-d4	372659	11.55

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW08-60	SDG No.:	X5892
Lab Sample ID:	X5892-08	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012619.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW08-60	SDG No.:	X5892
Lab Sample ID:	X5892-08	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012619.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	55.27	111 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	46.79	94 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.17	98 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.97	98 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	427798	4.65
540-36-3	1,4-Difluorobenzene	791835	5.25
3114-55-4	Chlorobenzene-d5	829361	8.99
3855-82-1	1,4-Dichlorobenzene-d4	365703	11.55

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW08-150	SDG No.:	X5892
Lab Sample ID:	X5892-09	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012620.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	1.1	J	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	5.0	J	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	1.1	J	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	4.9	J	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW08-150	SDG No.:	X5892
Lab Sample ID:	X5892-09	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012620.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	52.41	105 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	45.09	90 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	50.22	100 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.97	98 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	429007	4.65
540-36-3	1,4-Difluorobenzene	784073	5.25
3114-55-4	Chlorobenzene-d5	828180	8.99
3855-82-1	1,4-Dichlorobenzene-d4	364049	11.55

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW20-50	SDG No.:	X5892
Lab Sample ID:	X5892-10	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005816.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW20-50	SDG No.:	X5892
Lab Sample ID:	X5892-10	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005816.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	48.95	98 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	56.53	113 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	45.42	91 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	43.96	88 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	578811	4.33
540-36-3	1,4-Difluorobenzene	760131	5.64
3114-55-4	Chlorobenzene-d5	765068	10.59
3855-82-1	1,4-Dichlorobenzene-d4	333066	14.37

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW02-160R	SDG No.:	X5892
Lab Sample ID:	X5892-11	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012621.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	42		5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW02-160R	SDG No.:	X5892
Lab Sample ID:	X5892-11	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012621.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	6.8		5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	54.09	108 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	46.78	94 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	50.43	101 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1	98 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	436384	4.65
540-36-3	1,4-Difluorobenzene	790292	5.26
3114-55-4	Chlorobenzene-d5	820089	8.98
3855-82-1	1,4-Dichlorobenzene-d4	364216	11.56

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	PMW-05	SDG No.:	X5892
Lab Sample ID:	X5892-12	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012622.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	3.4	J	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	PMW-05	SDG No.:	X5892
Lab Sample ID:	X5892-12	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012622.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	3.6	J	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	55.42	111 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	47.94	96 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.6	99 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.44	97 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	423049	4.65
540-36-3	1,4-Difluorobenzene	785185	5.26
3114-55-4	Chlorobenzene-d5	815130	8.98
3855-82-1	1,4-Dichlorobenzene-d4	347628	11.56

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW24-60	SDG No.:	X5892
Lab Sample ID:	X5892-13	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005819.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	14	J	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	6.3	J	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW24-60	SDG No.:	X5892
Lab Sample ID:	X5892-13	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005819.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	51.35	103 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	61.7	123 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	43.59	87 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	41.57	83 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	564778	4.33
540-36-3	1,4-Difluorobenzene	735018	5.63
3114-55-4	Chlorobenzene-d5	708646	10.59
3855-82-1	1,4-Dichlorobenzene-d4	322812	14.36

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW24-60RE	SDG No.:	X5892
Lab Sample ID:	X5892-13RE	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012623.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	8.0	J	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW24-60RE	SDG No.:	X5892
Lab Sample ID:	X5892-13RE	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012623.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	60.68	121 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	47.03	94 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.69	99 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.03	96 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	421795	4.65
540-36-3	1,4-Difluorobenzene	781178	5.25
3114-55-4	Chlorobenzene-d5	812447	8.98
3855-82-1	1,4-Dichlorobenzene-d4	352812	11.55

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW02-50R	SDG No.:	X5892
Lab Sample ID:	X5892-14	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012624.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	10		5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW02-50R	SDG No.:	X5892
Lab Sample ID:	X5892-14	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012624.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	3.8	J	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	2.6	J	10	1.2	ug/L
95-47-6	o-Xylene	1.3	J	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	4.81	J	5.0	4.81	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	56.53	113 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	47.12	94 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	50.05	100 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.47	97 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	413897	4.65
540-36-3	1,4-Difluorobenzene	777758	5.25
3114-55-4	Chlorobenzene-d5	801317	8.98
3855-82-1	1,4-Dichlorobenzene-d4	352701	11.55

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284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	FIELDBLANK	SDG No.:	X5892
Lab Sample ID:	X5892-15	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005807.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

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MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	FIELD BLANK	SDG No.:	X5892
Lab Sample ID:	X5892-15	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005807.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	51.66	103 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	56.67	113 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	48.95	98 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	45.05	90 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	678671	4.34
540-36-3	1,4-Difluorobenzene	931345	5.65
3114-55-4	Chlorobenzene-d5	985045	10.60
3855-82-1	1,4-Dichlorobenzene-d4	457161	14.37

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW17-60R	SDG No.:	X5892
Lab Sample ID:	X5892-16	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012625.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	1.3	J	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	5.3		5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	1.5	J	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountinside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW17-60R	SDG No.:	X5892
Lab Sample ID:	X5892-16	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012625.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	7.4		5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.6	J	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	8.1		5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	17		5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	62.1	124 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	50.1	100 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.65	99 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.78	98 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	414705	4.64
540-36-3	1,4-Difluorobenzene	795476	5.25
3114-55-4	Chlorobenzene-d5	809982	8.98
3855-82-1	1,4-Dichlorobenzene-d4	357862	11.55

U = Not Detected

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N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW17-60RRE	SDG No.:	X5892
Lab Sample ID:	X5892-16RE	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012630.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	1.2	J	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	4.7	J	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	1.4	J	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW17-60RRE	SDG No.:	X5892
Lab Sample ID:	X5892-16RE	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012630.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	6.5		5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.6	J	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	8.0		5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	11		5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	60.11	120 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	49.53	99 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	50.67	101 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.14	96 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	420478	4.64
540-36-3	1,4-Difluorobenzene	783936	5.25
3114-55-4	Chlorobenzene-d5	822354	8.97
3855-82-1	1,4-Dichlorobenzene-d4	346752	11.55

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284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW17-60R(DUP)	SDG No.:	X5892
Lab Sample ID:	X5892-17	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012626.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	1.0	J	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	4.8	J	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	1.4	J	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW17-60R(DUP)	SDG No.:	X5892
Lab Sample ID:	X5892-17	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012626.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	7.1		5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.8	J	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	7.8		5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	11		5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	56.83	114 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	45.06	90 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	48.9	98 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	45.81	92 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	421601	4.64
540-36-3	1,4-Difluorobenzene	805393	5.25
3114-55-4	Chlorobenzene-d5	807481	8.98
3855-82-1	1,4-Dichlorobenzene-d4	382234	11.56

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284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW27D	SDG No.:	X5892
Lab Sample ID:	X5892-18	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012627.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.1		5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	2.2	J	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.8	J	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	2.5	J	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	3.0	J	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW27D	SDG No.:	X5892
Lab Sample ID:	X5892-18	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH012627.D	1	12/27/2006	VH120706

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

## SURROGATES

17060-07-0	1,2-Dichloroethane-d4	57.43	115 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	49.46	99 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	49.78	100 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	48.56	97 %	76 - 119	SPK: 50

## INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	417120	4.64
540-36-3	1,4-Difluorobenzene	781807	5.24
3114-55-4	Chlorobenzene-d5	811773	8.97
3855-82-1	1,4-Dichlorobenzene-d4	349567	11.55

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284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/11/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	TRIPBLANK-	SDG No.:	X5892
Lab Sample ID:	X5892-19	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005806.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/11/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	TRIPBLANK-	SDG No.:	X5892
Lab Sample ID:	X5892-19	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005806.D	1	12/26/2006	VG122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
593-70-4	Chlorofluoromethane	5.0	U	5.0	5.0	ug/L
75-43-4	Fluorodichloromethane	5.0	U	5.0	5.0	ug/L

**SURROGATES**

17060-07-0	1,2-Dichloroethane-d4	47.57	95 %	72 - 119	SPK: 50
1868-53-7	Dibromofluoromethane	57.33	115 %	85 - 115	SPK: 50
2037-26-5	Toluene-d8	46.74	93 %	81 - 120	SPK: 50
460-00-4	4-Bromofluorobenzene	44.56	89 %	76 - 119	SPK: 50

**INTERNAL STANDARDS**

363-72-4	Pentafluorobenzene	702616	4.36
540-36-3	1,4-Difluorobenzene	966206	5.65
3114-55-4	Chlorobenzene-d5	972173	10.60
3855-82-1	1,4-Dichlorobenzene-d4	485362	14.38

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

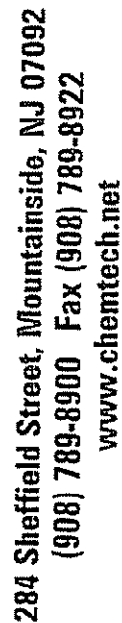
E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound





**www.chemtech.net**

CHEMTech PROJECT NO.

COC Number

062208

Revision 4/2005

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# CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO.

X58912

COC Number

062227

CLIENT INFORMATION				CLIENT PROJECT INFORMATION				CLIENT BILLING INFORMATION			
REPORT TO BE SENT TO:				PROJECT NAME: LIRA Morris Park				BILL TO: SAME			
ADDRESS: 1430 Broadway, 10th Fl.				PROJECT NO: 46130-0012				ADDRESS:			
CITY: NYC, NY				PROJECT MANAGER: William Silveri				CITY:			
ATTENTION: William Silveri				e-mail: WSilveri@TRCSolutions.com				STATE: ZIP:			
PHONE:				PHONE: 648-584-2787				ATTENTION:			
FAX:				FAX:				PHONE:			
DATA TURNAROUND INFORMATION				DATA DELIVERABLE INFORMATION				ANALYSIS			
FAX:				<input type="checkbox"/> RESULTS ONLY <input type="checkbox"/> USEPA CLP							
HARD COPY:				<input type="checkbox"/> RESULTS + QC <input type="checkbox"/> New York State ASP "B"							
EDD:				<input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A"							
* TO BE APPROVED BY CHEMTECH				<input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other							
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS				EDD FORMAT							
PROJECT IDENTIFICATION				SAMPLE MATRIX				SAMPLE TYPE			
CHEMTECH SAMPLE ID				DATE				COLLECTION TIME			
1. 11 MW 02-160R				X				12-14-06 1232			
2. 12 PMW-05				X				12-14-06 1425			
3. 13 MW 04-60				X				12-14-06 1540			
4. 14 MW 02-50R				X				12-14-06 1540			
5. 15 FIELD BLANK				X				12-15-06 0915			
6. 16 MW 17-60R				X				12-15-06 1005			
7. 17 MW 17-60R "DuP"				X				12-15-06 1007			
8. 18 MW 27 D				X				12-15-06 1057			
9. 19 Trip Blank				X				12-15-06 1057			
10.				X				12-15-06 1057			
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY				CONDITIONS OF BOTTLES OR COOLERS AT RECEIPT:				Cooler Temp. 5°C			
RECEIVED BY: 1. [Signature]				DATE/TIME: 12/15/06 1330				Compliant <input checked="" type="checkbox"/> Non Compliant <input type="checkbox"/>			
RECEIVED BY: 2. [Signature]				DATE/TIME: 12/15/06 1330				Ice in Cooler?: YES			
RECEIVED BY: 3. [Signature]				DATE/TIME: 12/15/06 1330				Shipment Complete: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			



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

**DATA PACKAGE FOR  
SEMI-VOLATILE ORGANICS**

**PROJECT NAME: Morris park RI/FS TRC#46130-0010**

**TRC ENVIRONMENTAL CORP., NY  
1430 BROADWAY  
10TH FLOOR  
NEW YORK, NY 10018  
2122217822**

**CHEMTECH PROJECT NO.  
ATTENTION:**

**X5892  
William Silveri**

## COVER PAGE

ProjectID: Morris park RI/FS TRC#461  
OrderID: X5892 CustomerName: TRC Environmental Corp., NY

LAB SAMPLE NO.	CLIENT SAMPLE NO
X5892-01	TRIPBLANK
X5892-02	MW28D
X5892-03	MW28S
X5892-04	MW-01-60
X5892-05	MW01-140
X5892-06	MW29-D
X5892-07	MW30D
X5892-08	MW08-60
X5892-09	MW08-150
X5892-10	MW20-50
X5892-11	MW02-160R
X5892-12	PMW-05
X5892-13	MW24-60
X5892-14	MW02-50R
X5892-15	FIELD BLANK
X5892-16	MW17-60R
X5892-17	MW17-60R(DUP)
X5892-18	MW27D
X5892-19	TRIPBLANK

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: 1/3/07 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: <ol style="list-style-type: none"><li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li><li>(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.</li></ol>
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.

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW28D	SDG No.:	X5892
Lab Sample ID:	X5892-02	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	910.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035296.D	1	12/19/2006	12/22/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.6	U	11	1.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	11	1.3	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.3	U	11	1.3	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.4	U	11	1.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.940	U	11	0.940	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	11	1.5	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.3	U	11	1.3	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.2	U	11	1.2	ug/L
131-11-3	Dimethylphthalate	1.4	U	11	1.4	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	11	1.4	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.5	U	11	1.5	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.5	U	11	1.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.5	U	11	1.5	ug/L
86-73-7	Fluorene	1.5	U	11	1.5	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.4	U	11	1.4	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW28D	SDG No.:	X5892
Lab Sample ID:	X5892-02	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	910.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035296.D	1	12/19/2006	12/22/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.3	U	11	1.3	ug/L
85-01-8	Phenanthrene	1.6	U	11	1.6	ug/L
120-12-7	Anthracene	1.5	U	11	1.5	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.6	U	11	1.6	ug/L
85-68-7	Butylbenzylphthalate	1.6	U	11	1.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	22	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.8	U	11	1.8	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.7	U	11	1.7	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.820	U	11	0.820	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	U	11	2.1	ug/L
50-32-8	Benzo(a)pyrene	1.3	U	11	1.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.910	U	11	0.910	ug/L
53-70-3	Dibenz(a,h)anthracene	0.950	U	11	0.950	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	78.85	79 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	77.18	77 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	74.77	75 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	277017	6.76			
1146-65-2	Naphthalene-d8	1126222	9.09			
15067-26-2	Acenaphthene-d10	615551	12.57			
1517-22-2	Phenanthrene-d10	1010635	15.58			
1719-03-5	Chrysene-d12	810217	20.95			
1520-96-3	Perylene-d12	760998	24.45			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

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MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW28D	SDG No.:	X5892
Lab Sample ID:	X5892-02	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	910.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035296.D	1	12/19/2006	12/22/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP4.30	190	AB	4.30		ug/L
57-10-3	n-Hexadecanoic acid	5.0	JB	16.79		ug/L
7683-64-9	Squalene	30	JB	23.10		ug/L

U = Not Detected  
RL = Reporting Limit  
MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound



**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/13/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW28S	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-03	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	900.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035291.D	1	12/19/2006	12/22/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.6	U	11	1.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.4	U	11	1.4	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.3	U	11	1.3	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.4	U	11	1.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.950	U	11	0.950	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	11	1.5	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.3	U	11	1.3	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.2	U	11	1.2	ug/L
131-11-3	Dimethylphthalate	1.4	U	11	1.4	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	11	1.4	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.5	U	11	1.5	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.5	U	11	1.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.5	U	11	1.5	ug/L
86-73-7	Fluorene	1.6	U	11	1.6	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.4	U	11	1.4	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/13/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW28S	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-03	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	900.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035291.D	1	12/19/2006	12/22/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.4	U	11	1.4	ug/L
85-01-8	Phenanthrene	1.6	U	11	1.6	ug/L
120-12-7	Anthracene	1.6	U	11	1.6	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.6	U	11	1.6	ug/L
85-68-7	Butylbenzylphthalate	1.6	U	11	1.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.2	U	22	1.2	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.9	U	11	1.9	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.7	U	11	1.7	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.830	U	11	0.830	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	U	11	2.1	ug/L
50-32-8	Benzo(a)pyrene	1.3	U	11	1.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.920	U	11	0.920	ug/L
53-70-3	Dibenz(a,h)anthracene	0.960	U	11	0.960	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	69.31	69 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	71.28	71 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	70.36	70 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	287626	6.76			
1146-65-2	Naphthalene-d8	1222646	9.08			
15067-26-2	Acenaphthene-d10	653158	12.57			
1517-22-2	Phenanthrene-d10	1094135	15.57			
1719-03-5	Chrysene-d12	863276	20.94			
1520-96-3	Perylene-d12	825008	24.43			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/13/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW28S	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-03	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	900.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035291.D	1	12/19/2006	12/22/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP4.30	170	AB	4.30		ug/L
57-10-3	n-Hexadecanoic acid	8.2	JB	16.79		ug/L
661-19-8	1-Docosanol	3.8	J	20.74		ug/L
7683-64-9	Squalene	44	JB	23.09		ug/L

U = Not Detected  
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MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW-01-60	SDG No.:	X5892
Lab Sample ID:	X5892-04	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	900.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035301.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.6	U	11	1.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.4	U	11	1.4	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.3	U	11	1.3	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.4	U	11	1.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.950	U	11	0.950	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	11	1.5	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.3	U	11	1.3	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.2	U	11	1.2	ug/L
131-11-3	Dimethylphthalate	1.4	U	11	1.4	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	11	1.4	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.5	U	11	1.5	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.5	U	11	1.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.5	U	11	1.5	ug/L
86-73-7	Fluorene	1.6	U	11	1.6	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.4	U	11	1.4	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

U = Not Detected

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/13/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW-01-60	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-04	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	900.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035301.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.4	U	11	1.4	ug/L
85-01-8	Phenanthrene	1.6	U	11	1.6	ug/L
120-12-7	Anthracene	1.6	U	11	1.6	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.6	U	11	1.6	ug/L
85-68-7	Butylbenzylphthalate	1.6	U	11	1.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.2	U	22	1.2	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.9	U	11	1.9	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.7	U	11	1.7	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.830	U	11	0.830	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	U	11	2.1	ug/L
50-32-8	Benzo(a)pyrene	1.3	U	11	1.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.920	U	11	0.920	ug/L
53-70-3	Dibenz(a,h)anthracene	0.960	U	11	0.960	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	72.85	73 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	72.93	73 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	76.38	76 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	277751	6.76			
1146-65-2	Naphthalene-d8	1183972	9.09			
15067-26-2	Acenaphthene-d10	651168	12.58			
1517-22-2	Phenanthrene-d10	1068057	15.58			
1719-03-5	Chrysene-d12	795081	20.95			
1520-96-3	Perylene-d12	711068	24.45			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

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N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW-01-60	SDG No.:	X5892
Lab Sample ID:	X5892-04	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	900.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035301.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP4.30	180	A	4.30		ug/L
57-10-3	n-Hexadecanoic acid	8.2	JB	16.79		ug/L
1454-85-9	1-Heptadecanol	5.0	J	20.73		ug/L
24035-35-6	2,6,10,14-Hexadecatetraenoic acid,	42	J	23.09		ug/L

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW01-140	SDG No.:	X5892
Lab Sample ID:	X5892-05	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	940.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035380.D	1	12/19/2006	12/26/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	11	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	11	1.3	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.2	U	11	1.2	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.3	U	11	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.910	U	11	0.910	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	11	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	11	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.1	U	11	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	11	1.3	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	11	1.3	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.4	U	11	1.4	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.4	U	11	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	11	1.4	ug/L
86-73-7	Fluorene	1.5	U	11	1.5	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	11	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/13/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW01-140	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-05	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	940.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035380.D	1	12/19/2006	12/26/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.3	U	11	1.3	ug/L
85-01-8	Phenanthrene	1.5	U	11	1.5	ug/L
120-12-7	Anthracene	1.5	U	11	1.5	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.5	U	11	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	11	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	21	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.8	U	11	1.8	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.6	U	11	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.800	U	11	0.800	ug/L
207-08-9	Benzo(k)fluoranthene	2.0	U	11	2.0	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	11	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.880	U	11	0.880	ug/L
53-70-3	Dibenz(a,h)anthracene	0.920	U	11	0.920	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L

**SURROGATES**

4165-60-0	Nitrobenzene-d5	84.54	85 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	82.39	82 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	83.08	83 %	33 - 141		SPK: 10

**INTERNAL STANDARDS**

3855-82-1	1,4-Dichlorobenzene-d4	270868	6.75			
1146-65-2	Naphthalene-d8	1141893	9.09			
15067-26-2	Acenaphthene-d10	677368	12.59			
1517-22-2	Phenanthrene-d10	1204486	15.59			
1719-03-5	Chrysene-d12	798272	20.98			
1520-96-3	Perylene-d12	710468	24.51			

**TENTATIVE IDENTIFIED COMPOUNDS**

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284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/13/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW01-140	SDG No.:	X5892
Lab Sample ID:	X5892-05	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	940.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035380.D	1	12/19/2006	12/26/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP4.28	190	A	4.28		ug/L
661-19-8	1-Docosanol	4.8	J	20.76		ug/L
7683-64-9	Squalene	12	JB	23.14		ug/L

U = Not Detected  
RL = Reporting Limit  
MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW29-D	SDG No.:	X5892
Lab Sample ID:	X5892-06	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	900.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035297.D	1	12/19/2006	12/22/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
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**TARGETS**

111-44-4	bis(2-Chloroethyl)ether	1.6	U	11	1.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.4	U	11	1.4	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.3	U	11	1.3	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.4	U	11	1.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.950	U	11	0.950	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	11	1.5	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.3	U	11	1.3	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.2	U	11	1.2	ug/L
131-11-3	Dimethylphthalate	1.4	U	11	1.4	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	11	1.4	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.5	U	11	1.5	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.5	U	11	1.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.5	U	11	1.5	ug/L
86-73-7	Fluorene	1.6	U	11	1.6	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.4	U	11	1.4	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW29-D	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-06	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	900.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035297.D	1	12/19/2006	12/22/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.4	U	11	1.4	ug/L
85-01-8	Phenanthrene	1.6	U	11	1.6	ug/L
120-12-7	Anthracene	1.6	U	11	1.6	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.6	U	11	1.6	ug/L
85-68-7	Butylbenzylphthalate	1.6	U	11	1.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.2	U	22	1.2	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.9	U	11	1.9	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.7	U	11	1.7	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.830	U	11	0.830	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	U	11	2.1	ug/L
50-32-8	Benzo(a)pyrene	1.3	U	11	1.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.920	U	11	0.920	ug/L
53-70-3	Dibenz(a,h)anthracene	0.960	U	11	0.960	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	72.57	73 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	71.75	72 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	72.38	72 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	275989	6.76			
1146-65-2	Naphthalene-d8	1174858	9.09			
15067-26-2	Acenaphthene-d10	632674	12.59			
1517-22-2	Phenanthrene-d10	1048585	15.59			
1719-03-5	Chrysene-d12	826162	20.95			
1520-96-3	Perylene-d12	777921	24.46			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

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J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW29-D	SDG No.:	X5892
Lab Sample ID:	X5892-06	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	900.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035297.D	1	12/19/2006	12/22/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP4.31	180	A	4.31		ug/L
57-10-3	n-Hexadecanoic acid	6.8	JB	16.80		ug/L
111-02-4	2,6,10,14,18,22-Tetracosahexaene,	45	J	23.11		ug/L

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J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW30D	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-07	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	900.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035304.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.6	U	11	1.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.4	U	11	1.4	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.3	U	11	1.3	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.4	U	11	1.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.950	U	11	0.950	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	11	1.5	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.3	U	11	1.3	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.2	U	11	1.2	ug/L
131-11-3	Dimethylphthalate	1.4	U	11	1.4	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	11	1.4	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.5	U	11	1.5	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.5	U	11	1.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.5	U	11	1.5	ug/L
86-73-7	Fluorene	1.6	U	11	1.6	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.4	U	11	1.4	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

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N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW30D	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-07	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	900.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035304.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.4	U	11	1.4	ug/L
85-01-8	Phenanthrene	1.6	U	11	1.6	ug/L
120-12-7	Anthracene	1.6	U	11	1.6	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.6	U	11	1.6	ug/L
85-68-7	Butylbenzylphthalate	1.6	U	11	1.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.2	U	22	1.2	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.9	U	11	1.9	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.7	U	11	1.7	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.830	U	11	0.830	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	U	11	2.1	ug/L
50-32-8	Benzo(a)pyrene	1.3	U	11	1.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.920	U	11	0.920	ug/L
53-70-3	Dibenz(a,h)anthracene	0.960	U	11	0.960	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	79.53	80 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	77.96	78 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	79.11	79 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	185469	6.76			
1146-65-2	Naphthalene-d8	745913	9.08			
15067-26-2	Acenaphthene-d10	416739	12.57			
1517-22-2	Phenanthrene-d10	712963	15.57			
1719-03-5	Chrysene-d12	524213	20.94			
1520-96-3	Perylene-d12	469700	24.43			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

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N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW30D	SDG No.:	X5892
Lab Sample ID:	X5892-07	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	900.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035304.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
	ACP4.30	180	AB	4.30		ug/L
57-10-3	n-Hexadecanoic acid	7.1	JB	16.78		ug/L
74685-33-9	3-Eicosene, (E)-	5.3	J	20.73		ug/L
7683-64-9	Squalene	38	JB	23.08		ug/L

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**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW08-60	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-08	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	980.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035303.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.880	U	10	0.880	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.4	U	10	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW08-60	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-08	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	980.0 mL	<b>Extract Vol:</b>	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035303.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	10	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.6	U	10	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.880	U	10	0.880	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	79.1	79 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	76.77	77 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	75.66	76 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	281011	6.76			
1146-65-2	Naphthalene-d8	1173559	9.09			
15067-26-2	Acenaphthene-d10	630475	12.58			
1517-22-2	Phenanthrene-d10	1083106	15.58			
1719-03-5	Chrysene-d12	804675	20.95			
1520-96-3	Perylene-d12	733821	24.44			
<b>TENTITIVE IDENTIFIED COMPOUNDS</b>						

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW08-60	SDG No.:	X5892
Lab Sample ID:	X5892-08	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	980.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035303.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP4.30	170	AB	4.30		ug/L
57-10-3	n-Hexadecanoic acid	4.3	JB	16.79		ug/L
111-02-4	2,6,10,14,18,22-Tetracosahexaene,	16	J	23.09		ug/L

U = Not Detected  
RL = Reporting Limit  
MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW08-150	SDG No.:	X5892
Lab Sample ID:	X5892-09	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035302.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW08-150	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-09	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035302.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	72.66	73 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	74.89	75 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	75.3	75 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	269414	6.76			
1146-65-2	Naphthalene-d8	1124192	9.09			
15067-26-2	Acenaphthene-d10	615263	12.57			
1517-22-2	Phenanthrene-d10	1042513	15.57			
1719-03-5	Chrysene-d12	771791	20.95			
1520-96-3	Perylene-d12	694599	24.44			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW08-150	SDG No.:	X5892
Lab Sample ID:	X5892-09	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035302.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP4.30	170	AB	4.30		ug/L
57-10-3	n-Hexadecanoic acid	3.8	JB	16.79		ug/L
131143-01-6	Bromoacetic acid, pentadecyl ester	4.3	J	20.73		ug/L
111-02-4	2,6,10,14,18,22-Tetracosahexaene,	21	J	23.10		ug/L

U = Not Detected  
RL = Reporting Limit  
MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW20-50	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-10	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	900.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035307.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.6	U	11	1.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.4	U	11	1.4	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	11	1.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	11	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	11	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	11	1.5	ug/L
67-72-1	Hexachloroethane	1.3	U	11	1.3	ug/L
98-95-3	Nitrobenzene	1.7	U	11	1.7	ug/L
78-59-1	Isophorone	1.4	U	11	1.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.5	U	11	1.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	11	1.5	ug/L
91-20-3	Naphthalene	1.5	U	11	1.5	ug/L
106-47-8	4-Chloroaniline	0.950	U	11	0.950	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	11	1.5	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	11	1.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.3	U	11	1.3	ug/L
91-58-7	2-Chloronaphthalene	1.5	U	11	1.5	ug/L
88-74-4	2-Nitroaniline	1.2	U	11	1.2	ug/L
131-11-3	Dimethylphthalate	1.4	U	11	1.4	ug/L
208-96-8	Acenaphthylene	1.4	U	11	1.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	11	1.4	ug/L
99-09-2	3-Nitroaniline	1.1	U	11	1.1	ug/L
83-32-9	Acenaphthene	1.5	U	11	1.5	ug/L
132-64-9	Dibenzofuran	1.4	U	11	1.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	11	1.3	ug/L
84-66-2	Diethylphthalate	1.5	U	11	1.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.5	U	11	1.5	ug/L
86-73-7	Fluorene	1.6	U	11	1.6	ug/L
100-01-6	4-Nitroaniline	1.2	U	11	1.2	ug/L
86-30-6	N-Nitrosodiphenylamine	1.4	U	11	1.4	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW20-50	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-10	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	900.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035307.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
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**TARGETS**

118-74-1	Hexachlorobenzene	1.4	U	11	1.4	ug/L
85-01-8	Phenanthrene	1.6	U	11	1.6	ug/L
120-12-7	Anthracene	1.6	U	11	1.6	ug/L
86-74-8	Carbazole	1.4	U	11	1.4	ug/L
84-74-2	Di-n-butylphthalate	1.4	U	11	1.4	ug/L
206-44-0	Fluoranthene	1.3	U	11	1.3	ug/L
129-00-0	Pyrene	1.6	U	11	1.6	ug/L
85-68-7	Butylbenzylphthalate	1.6	U	11	1.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.2	U	22	1.2	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	11	1.2	ug/L
218-01-9	Chrysene	1.9	U	11	1.9	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.7	U	11	1.7	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	11	1.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.830	U	11	0.830	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	U	11	2.1	ug/L
50-32-8	Benzo(a)pyrene	1.3	U	11	1.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.920	U	11	0.920	ug/L
53-70-3	Dibenz(a,h)anthracene	0.960	U	11	0.960	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	11	1.2	ug/L

**SURROGATES**

4165-60-0	Nitrobenzene-d5	80.54	81 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	80.69	81 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	82.93	83 %	33 - 141		SPK: 10

**INTERNAL STANDARDS**

3855-82-1	1,4-Dichlorobenzene-d4	184651	6.75			
1146-65-2	Naphthalene-d8	763176	9.08			
15067-26-2	Accnaphthene-d10	438866	12.56			
1517-22-2	Phenanthrene-d10	762150	15.57			
1719-03-5	Chrysene-d12	520169	20.94			
1520-96-3	Perylene-d12	497898	24.42			

**TENTATIVE IDENTIFIED COMPOUNDS**

U = Not Detected

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW20-50	SDG No.:	X5892
Lab Sample ID:	X5892-10	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	900.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035307.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
	ACP4.30	180	AB	4.30		ug/L
57-10-3	n-Hexadecanoic acid	3.8	JB	16.78		ug/L
74685-30-6	5-Eicosene, (E)-	3.6	J	17.82		ug/L
56221-91-1	13-Tetradecen-1-ol acetate	5.3	J	20.73		ug/L
111-02-4	2,6,10,14,18,22-Tetracosahexaene,	22	J	23.08		ug/L

U = Not Detected  
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MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound



**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW02-160R	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-11	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	970.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035306.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	10	1.3	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	10	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	10	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.880	U	10	0.880	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.4	U	10	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW02-160R	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-11	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	970.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035306.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.3	U	10	1.3	ug/L
85-01-8	Phenanthrene	1.5	U	10	1.5	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	10	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	21	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.6	U	10	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.770	U	10	0.770	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.850	U	10	0.850	ug/L
53-70-3	Dibenz(a,h)anthracene	0.890	U	10	0.890	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L

**SURROGATES**

4165-60-0	Nitrobenzene-d5	79.16	79 %	35 - 114	SPK: 10
321-60-8	2-Fluorobiphenyl	79.45	79 %	43 - 116	SPK: 10
1718-51-0	Terphenyl-d14	79.52	80 %	33 - 141	SPK: 10

**INTERNAL STANDARDS**

3855-82-1	1,4-Dichlorobenzene-d4	185290	6.75
1146-65-2	Naphthalene-d8	766527	9.09
15067-26-2	Acenaphthene-d10	419726	12.57
1517-22-2	Phenanthrene-d10	723406	15.57
1719-03-5	Chrysene-d12	516956	20.94
1520-96-3	Perylene-d12	499055	24.43

**TENTATIVE IDENTIFIED COMPOUNDS**

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW02-160R	SDG No.:	X5892
Lab Sample ID:	X5892-11	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	970.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035306.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP4.30	170	AB	4.30		ug/L
57-10-3	n-Hexadecanoic acid	5.3	JB	16.78		ug/L
86711-81-1	2- Chloropropionic acid, hexadecyl	4.4	J	20.72		ug/L
111-02-4	2,6,10,14,18,22-Tetracosahexaene,	21	J	23.08		ug/L

U = Not Detected  
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MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	PMW-05	SDG No.:	X5892
Lab Sample ID:	X5892-12	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	980.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035305.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.880	U	10	0.880	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.4	U	10	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

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N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	PMW-05	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-12	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	980.0 mL	<b>Extract Vol:</b>	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035305.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	10	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.6	U	10	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.880	U	10	0.880	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	80.83	81 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	77.86	78 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	79.7	80 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	184759	6.76			
1146-65-2	Naphthalene-d8	764783	9.08			
15067-26-2	Acenaphthene-d10	446018	12.57			
1517-22-2	Phenanthrene-d10	761175	15.58			
1719-03-5	Chrysene-d12	527895	20.94			
1520-96-3	Perylene-d12	492316	24.43			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

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284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	PMW-05	SDG No.:	X5892
Lab Sample ID:	X5892-12	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	980.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035305.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
	ACP4.30	160	AB	4.30		ug/L
57-10-3	n-Hexadecanoic acid	4.1	JB	16.78		ug/L
111-02-4	2,6,10,14,18,22-Tetracosahexaene,	17	J	23.08		ug/L

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**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW24-60	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-13	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	980.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035338.D	1	12/19/2006	12/25/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.880	U	10	0.880	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.4	U	10	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

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J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW24-60	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-13	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	980.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035338.D	1	12/19/2006	12/25/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	10	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	3.7	J	10	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.880	U	10	0.880	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	83.78	84 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	84.17	84 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	84.61	85 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	223091	6.75			
1146-65-2	Naphthalene-d8	924264	9.08			
15067-26-2	Acenaphthene-d10	492084	12.57			
1517-22-2	Phenanthrene-d10	852700	15.59			
1719-03-5	Chrysene-d12	545065	20.97			
1520-96-3	Perylene-d12	329047	24.49			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

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**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW24-60	SDG No.:	X5892
Lab Sample ID:	X5892-13	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	980.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035338.D	1	12/19/2006	12/25/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP4.28	170	A	4.28		ug/L
57-10-3	n-Hexadecanoic acid	6.1	JB	16.80		ug/L
52132-58-8	Acetic acid, chloro-, hexadecyl es	4.9	J	17.83		ug/L
13287-24-6	Nonadecane, 9-methyl-	7.2	J	20.78		ug/L
7225-64-1	Heptadecane, 9-octyl-	6.0	J	21.44		ug/L
35599-77-0	Tridecane, 1-iodo-	6.3	J	22.15		ug/L
55282-16-1	Docosane, 5-butyl-	10	J	22.95		ug/L
502-62-5	.psi.,.psi.-Carotene, 7,7,8,8,11	29	J	23.13		ug/L
7225-66-3	Tridecane, 7-hexyl-	12	J	23.86		ug/L
14905-56-7	Tetradecane, 2,6,10-trimethyl-	12	J	24.93		ug/L
54833-48-6	Heptadecane, 2,6,10,15-tetramethy	9.8	J	26.20		ug/L
	Unknown27.71	9.1	J	27.71		ug/L

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**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW02-50R	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-14	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035371.D	1	12/19/2006	12/26/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	2.0	J	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	J	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/14/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW02-50R	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-14	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035371.D	1	12/19/2006	12/26/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	84.42	84 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	84.08	84 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	82.81	83 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	183446	6.77			
1146-65-2	Naphthalene-d8	786489	9.11			
15067-26-2	Acenaphthene-d10	427933	12.60			
1517-22-2	Phenanthrene-d10	659407	15.61			
1719-03-5	Chrysene-d12	443207	21.00			
1520-96-3	Perylene-d12	434430	24.55			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

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E = Value Exceeds Calibration Range

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B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/14/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW02-50R	SDG No.:	X5892
Lab Sample ID:	X5892-14	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035371.D	1	12/19/2006	12/26/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP4.29	180	A	4.29		ug/L
	unknown12.80	4.2	J	12.80		ug/L
6512-99-8	9-Octadecenoic acid, ethyl ester	4.1	J	16.69		ug/L
57-10-3	n-Hexadecanoic acid	11	JB	16.85		ug/L
111-02-4	2,6,10,14,18,22-Tetracosahexaene,	17	J	23.16		ug/L

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J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/15/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	FIELD BLANK	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-15	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	980.0 mL	<b>Extract Vol:</b>	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035308.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.880	U	10	0.880	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	6.0	J	10	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/15/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	FIELD BLANK	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-15	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	980.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035308.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.4	J	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	10	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.6	U	10	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.880	U	10	0.880	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	80.71	81 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	75.95	76 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	78.49	78 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	186682	6.76			
1146-65-2	Naphthalene-d8	746815	9.08			
15067-26-2	Acenaphthene-d10	437995	12.57			
1517-22-2	Phenanthrene-d10	735996	15.57			
1719-03-5	Chrysene-d12	531423	20.93			
1520-96-3	Perylene-d12	507494	24.43			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

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N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	FIELD BLANK	SDG No.:	X5892
Lab Sample ID:	X5892-15	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	980.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035308.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
	ACP4.30	170	AB	4.30		ug/L
74367-33-2	Propanoic acid, 2-methyl-, 2,2-dim	10	J	11.00		ug/L
2728-05-4	Benzamide, N,N-diethyl-4-methyl-	8.5	J	13.40		ug/L
56221-91-1	13-Tetradecen-1-ol acetate	4.7	J	20.73		ug/L
111-02-4	2,6,10,14,18,22-Tetracosahexaene,	27	J	23.08		ug/L

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E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/15/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW17-60R	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-16	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	980.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035312.D	1	12/19/2006	12/24/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	7.1	J	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.880	U	10	0.880	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	190	E	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	2.4	J	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	5.6	J	10	1.4	ug/L
132-64-9	Dibenzofuran	8.3	J	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.4	U	10	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	11		10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	12		10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/15/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW17-60R	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-16	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	980.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035312.D	1	12/19/2006	12/24/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	18		10	1.4	ug/L
120-12-7	Anthracene	3.6	J	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	10	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	3.7	J	10	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.880	U	10	0.880	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	100.89	101 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	82.98	83 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	82.27	82 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	160042	6.75			
1146-65-2	Naphthalene-d8	552301	9.09			
15067-26-2	Acenaphthene-d10	259610	12.59			
1517-22-2	Phenanthrene-d10	421683	15.60			
1719-03-5	Chrysene-d12	336231	20.94			
1520-96-3	Perylene-d12	343603	24.42			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

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N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/15/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW17-60R	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-16	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	980.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035312.D	1	12/19/2006	12/24/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP4.30	140	AB	4.30		ug/L
581-42-0	Naphthalene, 2,6-dimethyl-	48	J	11.79		ug/L
581-40-8	Naphthalene, 2,3-dimethyl-	56	J	11.93		ug/L
575-37-1	Naphthalene, 1,7-dimethyl-	30	J	11.99		ug/L
6165-40-8	Pentadecane, 7-methyl-	86	J	12.16		ug/L
2245-38-7	Naphthalene, 1,6,7-trimethyl-	32	J	13.44		ug/L
3892-00-0	Pentadecane, 2,6,10-trimethyl-	49	J	14.05		ug/L
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	240	J	14.60		ug/L
55045-09-5	Tridecane, 7-propyl-	100	J	15.53		ug/L
112-95-8	Eicosane	44	J	16.23		ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/15/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW17-60RDL	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-16DL	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	980.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035376.D	10	12/19/2006	12/26/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	15	UD	100	15	ug/L
95-50-1	1,2-Dichlorobenzene	12	UD	100	12	ug/L
541-73-1	1,3-Dichlorobenzene	12	UD	100	12	ug/L
106-46-7	1,4-Dichlorobenzene	12	UD	100	12	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12	UD	100	12	ug/L
621-64-7	N-Nitroso-di-n-propylamine	14	UD	100	14	ug/L
67-72-1	Hexachloroethane	12	UD	100	12	ug/L
98-95-3	Nitrobenzene	16	UD	100	16	ug/L
78-59-1	Isophorone	13	UD	100	13	ug/L
111-91-1	bis(2-Chloroethoxy)methane	14	UD	100	14	ug/L
120-82-1	1,2,4-Trichlorobenzene	14	UD	100	14	ug/L
91-20-3	Naphthalene	14	UD	100	14	ug/L
106-47-8	4-Chloroaniline	8.8	UD	100	8.8	ug/L
87-68-3	Hexachlorobutadiene	14	UD	100	14	ug/L
91-57-6	2-Methylnaphthalene	200	D	100	11	ug/L
77-47-4	Hexachlorocyclopentadiene	12	UD	100	12	ug/L
91-58-7	2-Chloronaphthalene	14	UD	100	14	ug/L
88-74-4	2-Nitroaniline	11	UD	100	11	ug/L
131-11-3	Dimethylphthalate	13	UD	100	13	ug/L
208-96-8	Acenaphthylene	13	UD	100	13	ug/L
606-20-2	2,6-Dinitrotoluene	13	UD	100	13	ug/L
99-09-2	3-Nitroaniline	10	UD	100	10	ug/L
83-32-9	Acenaphthene	14	UD	100	14	ug/L
132-64-9	Dibenzofuran	13	UD	100	13	ug/L
121-14-2	2,4-Dinitrotoluene	12	UD	100	12	ug/L
84-66-2	Diethylphthalate	14	UD	100	14	ug/L
7005-72-3	4-Chlorophenyl-phenylether	14	UD	100	14	ug/L
86-73-7	Fluorene	14	UD	100	14	ug/L
100-01-6	4-Nitroaniline	11	UD	100	11	ug/L
86-30-6	N-Nitrosodiphenylamine	13	UD	100	13	ug/L
101-55-3	4-Bromophenyl-phenylether	15	UD	100	15	ug/L

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW17-60RDL	SDG No.:	X5892
Lab Sample ID:	X5892-16DL	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	980.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035376.D	10	12/19/2006	12/26/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	12	UD	100	12	ug/L
85-01-8	Phenanthrene	17	JD	100	14	ug/L
120-12-7	Anthracene	14	UD	100	14	ug/L
86-74-8	Carbazole	13	UD	100	13	ug/L
84-74-2	Di-n-butylphthalate	13	UD	100	13	ug/L
206-44-0	Fluoranthene	12	UD	100	12	ug/L
129-00-0	Pyrene	15	UD	100	15	ug/L
85-68-7	Butylbenzylphthalate	15	UD	100	15	ug/L
91-94-1	3,3-Dichlorobenzidine	11	UD	200	11	ug/L
56-55-3	Benzo(a)anthracene	11	UD	100	11	ug/L
218-01-9	Chrysene	17	UD	100	17	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	16	UD	100	16	ug/L
117-84-0	Di-n-octyl phthalate	13	UD	100	13	ug/L
205-99-2	Benzo(b)fluoranthene	7.6	UD	100	7.6	ug/L
207-08-9	Benzo(k)fluoranthene	19	UD	100	19	ug/L
50-32-8	Benzo(a)pyrene	12	UD	100	12	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	8.4	UD	100	8.4	ug/L
53-70-3	Dibenz(a,h)anthracene	8.8	UD	100	8.8	ug/L
191-24-2	Benzo(g,h,i)perylene	11	UD	100	11	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	91.4	91 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	84.9	85 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	69.2	69 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	268558	6.76			
1146-65-2	Naphthalene-d8	999913	9.10			
15067-26-2	Accnaphthene-d10	519694	12.59			
1517-22-2	Phenanthrene-d10	851851	15.61			
1719-03-5	Chrysene-d12	780197	20.99			
1520-96-3	Perylene-d12	639910	24.52			

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/15/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW17-60R(DUP)	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-17	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	970.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035310.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	10	1.3	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.3	U	10	1.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.3	U	10	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	6.1	J	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.880	U	10	0.880	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	190	E	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.8	J	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	4.9	J	10	1.4	ug/L
132-64-9	Dibenzofuran	6.7	J	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.4	U	10	1.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	9.6	J	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	7.1	J	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

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**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/15/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW17-60R(DUP)	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-17	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	970.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035310.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.3	U	10	1.3	ug/L
85-01-8	Phenanthrene	14		10	1.5	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	10	1.5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	21	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	3.0	J	10	1.6	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.770	U	10	0.770	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.850	U	10	0.850	ug/L
53-70-3	Dibenz(a,h)anthracene	0.890	U	10	0.890	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	96.99	97 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	84.56	85 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	80.27	80 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	167472	6.75			
1146-65-2	Naphthalene-d8	576791	9.08			
15067-26-2	Acenaphthene-d10	285057	12.57			
1517-22-2	Phenanthrene-d10	445690	15.58			
1719-03-5	Chrysene-d12	370047	20.94			
1520-96-3	Perylene-d12	363186	24.42			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

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N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW17-60R(DUP)	SDG No.:	X5892
Lab Sample ID:	X5892-17	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	970.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035310.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
	ACP4.30	160	AB	4.30		ug/L
90-12-0	Naphthalene, 1-methyl-	34	J	10.71		ug/L
1127-76-0	Naphthalene, 1-ethyl-	29	J	11.62		ug/L
581-42-0	Naphthalene, 2,6-dimethyl-	45	J	11.77		ug/L
581-40-8	Naphthalene, 2,3-dimethyl-	55	J	11.92		ug/L
6165-40-8	Pentadecane, 7-methyl-	70	J	12.16		ug/L
3892-00-0	Pentadecane, 2,6,10-trimethyl-	34	J	14.03		ug/L
54105-67-8	Heptadecane, 2,6-dimethyl-	160	J	14.58		ug/L
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	66	J	15.52		ug/L
111-02-4	2,6,10,14,18,22-Tetracosahexacene,	42	J	23.08		ug/L

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J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/15/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW17-60R(DUP)DL	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-17DL	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	970.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035377.D	10	12/19/2006	12/26/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	15	UD	100	15	ug/L
95-50-1	1,2-Dichlorobenzene	13	UD	100	13	ug/L
541-73-1	1,3-Dichlorobenzene	12	UD	100	12	ug/L
106-46-7	1,4-Dichlorobenzene	13	UD	100	13	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13	UD	100	13	ug/L
621-64-7	N-Nitroso-di-n-propylamine	14	UD	100	14	ug/L
67-72-1	Hexachloroethane	12	UD	100	12	ug/L
98-95-3	Nitrobenzene	16	UD	100	16	ug/L
78-59-1	Isophorone	13	UD	100	13	ug/L
111-91-1	bis(2-Chloroethoxy)methane	14	UD	100	14	ug/L
120-82-1	1,2,4-Trichlorobenzene	14	UD	100	14	ug/L
91-20-3	Naphthalene	14	UD	100	14	ug/L
106-47-8	4-Chloroaniline	8.8	UD	100	8.8	ug/L
87-68-3	Hexachlorobutadiene	14	UD	100	14	ug/L
91-57-6	2-Methylnaphthalene	170	D	100	11	ug/L
77-47-4	Hexachlorocyclopentadiene	12	UD	100	12	ug/L
91-58-7	2-Chloronaphthalene	14	UD	100	14	ug/L
88-74-4	2-Nitroaniline	11	UD	100	11	ug/L
131-11-3	Dimethylphthalate	13	UD	100	13	ug/L
208-96-8	Acenaphthylene	13	UD	100	13	ug/L
606-20-2	2,6-Dinitrotoluene	13	UD	100	13	ug/L
99-09-2	3-Nitroaniline	10	UD	100	10	ug/L
83-32-9	Acenaphthene	14	UD	100	14	ug/L
132-64-9	Dibenzofuran	13	UD	100	13	ug/L
121-14-2	2,4-Dinitrotoluene	12	UD	100	12	ug/L
84-66-2	Diethylphthalate	14	UD	100	14	ug/L
7005-72-3	4-Chlorophenyl-phenylether	14	UD	100	14	ug/L
86-73-7	Fluorene	14	UD	100	14	ug/L
100-01-6	4-Nitroaniline	11	UD	100	11	ug/L
86-30-6	N-Nitrosodiphenylamine	13	UD	100	13	ug/L
101-55-3	4-Bromophenyl-phenylether	15	UD	100	15	ug/L

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E = Value Exceeds Calibration Range

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N = Presumptive Evidence of a Compound



**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW17-60R(DUP)DL	SDG No.:	X5892
Lab Sample ID:	X5892-17DL	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	970.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035377.D	10	12/19/2006	12/26/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	13	UD	100	13	ug/L
85-01-8	Phenanthrene	15	UD	100	15	ug/L
120-12-7	Anthracene	14	UD	100	14	ug/L
86-74-8	Carbazole	13	UD	100	13	ug/L
84-74-2	Di-n-butylphthalate	13	UD	100	13	ug/L
206-44-0	Fluoranthene	12	UD	100	12	ug/L
129-00-0	Pyrene	15	UD	100	15	ug/L
85-68-7	Butylbenzylphthalate	15	UD	100	15	ug/L
91-94-1	3,3-Dichlorobenzidine	11	UD	210	11	ug/L
56-55-3	Benzo(a)anthracene	11	UD	100	11	ug/L
218-01-9	Chrysene	17	UD	100	17	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	16	UD	100	16	ug/L
117-84-0	Di-n-octyl phthalate	13	UD	100	13	ug/L
205-99-2	Benzo(b)fluoranthene	7.7	UD	100	7.7	ug/L
207-08-9	Benzo(k)fluoranthene	19	UD	100	19	ug/L
50-32-8	Benzo(a)pyrene	12	UD	100	12	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	8.5	UD	100	8.5	ug/L
53-70-3	Dibenz(a,h)anthracene	8.9	UD	100	8.9	ug/L
191-24-2	Benzo(g,h,i)perylene	11	UD	100	11	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	78.2	78 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	76	76 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	64.8	65 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	265344	6.76			
1146-65-2	Naphthalene-d8	1002535	9.09			
15067-26-2	Acenaphthene-d10	514127	12.59			
1517-22-2	Phenanthrene-d10	897631	15.60			
1719-03-5	Chrysene-d12	790053	20.98			
1520-96-3	Perylene-d12	642530	24.52			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

<b>Client:</b>	TRC Environmental Corp., NY	<b>Date Collected:</b>	12/15/2006
<b>Project:</b>	Morris park RI/FS TRC#46130-0010	<b>Date Received:</b>	12/15/2006
<b>Client Sample ID:</b>	MW27D	<b>SDG No.:</b>	X5892
<b>Lab Sample ID:</b>	X5892-18	<b>Matrix:</b>	WATER
<b>Analytical Method:</b>	8270	<b>% Moisture:</b>	100
<b>Sample Wt/Wol:</b>	990.0 mL	<b>Extract Vol:</b>	1000 uL

<b>File ID</b>	<b>Dilution</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Analytical Batch ID</b>
BB035309.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.4	J	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected

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MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample	MW27D	SDG No.:	X5892
Lab Sample ID:	X5892-18	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035309.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TARGETS</b>						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	20	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	84.2	84 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	81.44	81 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	82.33	82 %	33 - 141		SPK: 10
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	173081	6.75			
1146-65-2	Naphthalene-d8	714883	9.07			
15067-26-2	Acenaphthene-d10	410641	12.57			
1517-22-2	Phenanthrene-d10	720845	15.56			
1719-03-5	Chrysene-d12	511643	20.93			
1520-96-3	Perylene-d12	489623	24.42			
<b>TENTITVE IDENTIFIED COMPOUNDS</b>						

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Presumptive Evidence of a Compound

**Report of Analysis**

Client:	TRC Environmental Corp., NY	Date Collected:	12/15/2006
Project:	Morris park RI/FS TRC#46130-0010	Date Received:	12/15/2006
Client Sample ID:	MW27D	SDG No.:	X5892
Lab Sample ID:	X5892-18	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Wol:	990.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB035309.D	1	12/19/2006	12/23/2006	BB122106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						
	ACP4.30	170	AB	4.30		ug/L
57-10-3	n-Hexadecanoic acid	3.0	JB	16.77		ug/L
1000130-97-9	E-15-Heptadecenal	4.2	J	20.72		ug/L
111-02-4	2,6,10,14,18,22-Tetracosahexaene,	14	J	23.07		ug/L

U = Not Detected  
RL = Reporting Limit  
MDL = Method Detection Limit  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found In Associated Method Blank  
N = Presumptive Evidence of a Compound

# CHEMTECH

## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax (908) 789-8922

www.chemtech.net

CHEMTECH PROJECT NO.

COC Number

062228

X 5892

CLIENT INFORMATION				CLIENT PROJECT INFORMATION				CLIENT BILLING INFORMATION											
<b>REPORT TO BE SENT TO:</b> COMPANY: <u>TAC Engineers Inc.</u> ADDRESS: <u>1433 Broadway, 10th Fl</u> CITY: <u>NY, NY</u> STATE: <u>NY</u> ZIP: <u>10018</u> ATTENTION: <u>William Silveri</u> PHONE: _____ FAX: _____ DATA TURNAROUND INFORMATION: _____				<b>PROJECT NAME:</b> <u>LIRA Marine Park</u> <b>PROJECT NO.:</b> <u>4630</u> <b>LOCATION:</b> <u>Richmond Hill</u> <b>PROJECT MANAGER:</b> <u>William Silveri</u> <b>e-mail:</b> <u>WSilveri@TheSolarTeam.com</u> <b>PHONE:</b> <u>646-544 2787</u> <b>FAX:</b> _____ <b>DATA DELIVERABLE INFORMATION:</b> _____				<b>BILL TO:</b> <u>Same</u> <b>PO#:</b> _____ <b>ADDRESS:</b> _____ <b>CITY:</b> _____ <b>STATE:</b> _____ <b>ZIP:</b> _____ <b>ATTENTION:</b> _____ <b>PHONE:</b> _____ <b>ANALYSIS:</b> _____											
<b>FAX:</b> _____ <b>DAYS:</b> _____ <b>HARD COPY:</b> _____ <b>DAYS:</b> _____ <b>EDD:</b> _____ <b>DAYS:</b> _____ <b>TO BE APPROVED BY CHEMTECH:</b> _____ <b>STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS</b>				<input type="checkbox"/> RESULTS ONLY <input type="checkbox"/> USEPA CLP <input type="checkbox"/> RESULTS + QC <input checked="" type="checkbox"/> New York State ASP "B" <input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A" <input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____ <input type="checkbox"/> EDO FORMAT _____				<b>PRESERVATIVES:</b> _____ <b>COMMENTS:</b> _____ Specify Preservatives: A-HCl B-HNO <sub>3</sub> C-H <sub>2</sub> SO <sub>4</sub> D-NaOH E-ICE F-Other _____											
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION DATE	SAMPLE TIME	NO. OF BOTTLES	PRESERVATIVES									COMMENTS			
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.
1	Tail Blank	Ag	X	12-11-06		2	X												
2	MW 28D	GW	X	12/8/06	1116	3	X												
3	MW 28S	GW	X		1130	3	X												
4	MW 61-60	GW	X		1505	3	X												
5	MW 61-140	GW	X		1510	3	X												
6	MW 29-D	GW	X	12/14/06	0915	3	X												
7	MW 30D	GW	X		0926	3	X												
8	MW 08-60	GW	X		1106	3	X												
9	MW 08-150	GW	X		1111	3	X												
10	MW 20-50	GW	X		1228	3	X												
<b>SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY</b>																			
<b>RELINQUISHED BY SAMPLER:</b> _____ <b>DATE/TIME:</b> <u>12/14/06</u> <b>RECEIVED BY:</b> _____ <b>RELINQUISHED BY:</b> _____ <b>DATE/TIME:</b> _____ <b>RECEIVED BY:</b> _____				<b>CONDITIONS OF BOTTLES OR COOLERS AT RECEIPT:</b> _____ <b>MeOH extraction requires an additional 4 oz jar for percent solid.</b> <b>Comments:</b> _____				<b>COOLER TEMP:</b> _____ <b>Ice in Cooler?</b> <u>Yes</u>				<b>SHIPMENT COMPLETE:</b> _____ <b>SHIPMENT DELIVERED:</b> _____ <b>SHIPMENT PICKED UP:</b> _____ <b>SHIPMENT OVERNIGHT:</b> _____ <b>SHIPMENT YES:</b> _____ <b>SHIPMENT NO:</b> _____							
<b>3 BY:</b> <u>389</u> <b>DATE/TIME:</b> <u>12/15/06</u> <b>3 RECEIVED FOR LAB BY:</b> <u>389</u>				<b>Page</b> <u>1</u> <b>of</b> <u>2</u>				<b>SHIPPED VIA:</b> _____ <b>CLIENT:</b> _____ <b>CHEMTECH:</b> _____ <b>PICKED UP:</b> _____ <b>OVERNIGHT:</b> _____				<b>SHIPMENT COMPLETE:</b> _____ <b>SHIPMENT DELIVERED:</b> _____ <b>SHIPMENT PICKED UP:</b> _____ <b>SHIPMENT OVERNIGHT:</b> _____							



# CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax (908) 789-8922

www.chemtech.net

CHEMTECH PROJECT NO.

COC Number

062227

X5842

## CLIENT INFORMATION

## CLIENT PROJECT INFORMATION

## CLIENT BILLING INFORMATION

COMPANY: Tac Engineers, Inc.  
ADDRESS: 1430 Broadway, 10th Fl.  
CITY: NY, NY STATE: NY ZIP: 10018

PROJECT NAME: L18R2 Morning Park  
PROJECT NO.: 46130-2012 LOCATION: Richmond Hill, NY  
PROJECT MANAGER: William Silveri  
e-mail: WSilveri@TacSolaTrans.com

BILL TO: SAVAGE PO#: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_  
ATTENTION: \_\_\_\_\_ PHONE: \_\_\_\_\_

PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

PHONE: 648-584-2787 FAX: \_\_\_\_\_

ANALYSIS

## DATA TURNAROUND INFORMATION

## DATA DELIVERABLE INFORMATION

FAX: \_\_\_\_\_ DAYS \*  
HARD COPY: \_\_\_\_\_ DAYS \*  
EDD: \_\_\_\_\_ DAYS \*  
\* TO BE APPROVED BY CHEMTECH  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☐ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other \_\_\_\_\_  
☐ EDD FORMAT \_\_\_\_\_

## PRESERVATIVES

## COMMENTS

Specify Preservatives  
A-HCl B-HNO<sub>3</sub>  
C-H<sub>2</sub>SO<sub>4</sub> D-NaOH  
E-ICE F-Other

## CHEMTECH SAMPLE ID

## PROJECT SAMPLE IDENTIFICATION

## SAMPLE TYPE

## DATE

## TIME

## OF BOTTLES

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VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: VBG1222W2

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VG005792.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 12/22/2006

GC Column: RTX624 ID: 0.18 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.04	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK03

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: VBH1227-01

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012613.D

Level (low/med): \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: not dec. 100 Date Analyzed: 12/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_



TRIPBLANK

Lab Name:	<u>Chemtech</u>	Contract:	<u>TRCE03</u>
Lab Code:	<u>CHEM</u>	Case No.:	<u>X5892</u>
Matrix (soil/water):	<u>WATER</u>	SAS No.:	<u>X5892</u>
Sample wt/vol:	<u>5.0</u>	SDG No.:	<u>X5892</u>
	(g/mL)		
Level (low/med):	<u></u>	Lab Sample ID:	<u>X5892-01</u>
% Moisture: not dec.	<u>100</u>	Lab File ID:	<u>VG005805.D</u>
GC Column:	<u>RTX624</u>	Date Received:	<u>12/15/2006</u>
ID:	<u>0.18</u>	Date Analyzed:	<u>12/26/2006</u>
Soil Extract Volume:	<u></u>	Dilution Factor:	<u>1.0</u>
Number TICS found:	<u>0</u>	Soil Aliquot Volume:	<u></u>
		CONCENTRATION UNITS:	
			(ug/L or ug/Kg) <u>ug/L</u>

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.04	50	U

Comments:

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW28D

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-02

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VG005798.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/22/2006

GC Column: RTX624 ID: 0.18 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.04	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW28S

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-03

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012616.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-01-60

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-04

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012617.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	DiFluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW01-140

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-05

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012618.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.13	33.1	J

Comments: \_\_\_\_\_

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW29-D

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-06

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VG005812.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/26/2006

GC Column: RTX624 ID: 0.18 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.04	50	U

Comments: \_\_\_\_\_

MW30D

Lab Name:	<u>Chemtech</u>	Contract:	<u>TRCE03</u>
Lab Code:	<u>CHEM</u>	Case No.:	<u>X5892</u>
Matrix (soil/water):	<u>WATER</u>	SAS No.:	<u>X5892</u>
Sample wt/vol:	<u>5.0</u>	SDG No.:	<u>X5892</u>
	(g/mL) <u>mL</u>	Lab Sample ID:	<u>X5892-07</u>
Level (low/med):	<u></u>	Lab File ID:	<u>VG005813.D</u>
% Moisture: not dec.	<u>100</u>	Date Received:	<u>12/15/2006</u>
GC Column:	<u>RTX624</u>	Date Analyzed:	<u>12/26/2006</u>
ID:	<u>0.18</u>	Dilution Factor:	<u>1.0</u>
Soil Extract Volume:	<u></u>	Soil Aliquot Volume:	<u></u>
Number TICS found:	<u>0</u>	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	<u>ug/L</u>

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.04	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW08-60

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-08

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012619.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_



VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW08-150

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-09

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012620.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW20-50

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-10

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VG005816.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/26/2006

GC Column: RTX624 ID: 0.18 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-45-6	Difluorochloromethane	1.04	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW02-160R

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-11

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012621.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

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VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

PMW-05

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-12

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012622.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW24-60

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-13

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VG005819.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/26/2006

GC Column: RTX624 ID: 0.18 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 75-45-6	Difluorochloromethane	1.04	50	U

Comments: \_\_\_\_\_

MW02-50R

Lab Name:	<u>Chemtech</u>	Contract:	<u>TRCE03</u>
Lab Code:	<u>CHEM</u>	Case No.:	<u>X5892</u>
Matrix (soil/water):	<u>WATER</u>	SAS No.:	<u>X5892</u>
Sample wt/vol:	<u>5.0</u>	SDG No.:	<u>X5892</u>
	(g/mL)		
Level (low/med):	<u></u>	Lab Sample ID:	<u>X5892-14</u>
% Moisture: not dec.	<u>100</u>	Lab File ID:	<u>VH012624.D</u>
GC Column:	<u>RTX624</u>	Date Received:	<u>12/15/2006</u>
ID:	<u>0.53</u>	Date Analyzed:	<u>12/27/2006</u>
Soil Extract Volume:	<u></u>	Dilution Factor:	<u>1.0</u>
Number TICS found:	<u>0</u>	Soil Aliquot Volume:	<u></u>
		CONCENTRATION UNITS:	
			(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

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Lab Name:	<u>Chemtech</u>	Contract:	<u>TRCE03</u>
Lab Code:	<u>CHEM</u>	Case No.:	<u>X5892</u>
Matrix (soil/water):	<u>WATER</u>	SAS No.:	<u>X5892</u>
Sample wt/vol:	<u>5.0</u>	SDG No.:	<u>X5892</u>
	(g/mL)		<u>mL</u>
Level (low/med):	<u></u>	Lab Sample ID:	<u>X5892-15</u>
% Moisture: not dec.	<u>100</u>	Lab File ID:	<u>VG005807.D</u>
GC Column:	<u>RTX624</u>	Date Received:	<u>12/15/2006</u>
ID:	<u>0.18</u>	Date Analyzed:	<u>12/26/2006</u>
Soil Extract Volume:	<u></u>	Dilution Factor:	<u>1.0</u>
Number TICS found:	<u>0</u>	Soil Aliquot Volume:	<u></u>
		CONCENTRATION UNITS:	
			(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.04	50	U

Comments:

MW17-60R

Lab Name:	<u>Chemtech</u>	Contract:	<u>TRCE03</u>
Lab Code:	<u>CHEM</u>	Case No.:	<u>X5892</u>
Matrix (soil/water):	<u>WATER</u>	SAS No.:	<u>X5892</u>
Sample wt/vol:	<u>5.0</u>	SDG No.:	<u>X5892</u>
	(g/mL) <u>mL</u>	Lab Sample ID:	<u>X5892-16</u>
Level (low/med):	<u></u>	Lab File ID:	<u>VH012625.D</u>
% Moisture: not dec.	<u>100</u>	Date Received:	<u>12/15/2006</u>
GC Column:	<u>RTX624</u>	Date Analyzed:	<u>12/27/2006</u>
ID:	<u>0.53</u>	Dilution Factor:	<u>1.0</u>
Soil Extract Volume:	<u></u>	Soil Aliquot Volume:	<u></u>
Number TICS found:	<u>0</u>	CONCENTRATION UNITS:	
			(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_



VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW17-60R(DUP)

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-17

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012626.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW27D

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-18

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012627.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/27/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.11	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK-

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5892 SAS No.: X5892 SDG No.: X5892

Matrix (soil/water): WATER Lab Sample ID: X5892-19

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VG005806.D

Level (low/med): \_\_\_\_\_ Date Received: 12/15/2006

% Moisture: not dec. 100 Date Analyzed: 12/26/2006

GC Column: RTX624 ID: 0.18 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
75-45-6	Difluorochloromethane	1.04	50	U

Comments: \_\_\_\_\_

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW15-60

Lab Name: Chemtech Contract: TRCE03

Lab Code: CHEM Case No.: X5831 SAS No.: X5831 SDG No.: X5831

Matrix (soil/water): WATER Lab Sample ID: X5831-01

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VH012429.D

Level (low/med): \_\_\_\_\_ Date Received: 12/11/2006

% Moisture: not dec. 100 Date Analyzed: 12/15/2006

GC Column: RTX624 ID: 0.53 Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ Soil Aliquot Volume: \_\_\_\_\_

Number TICS found: 1 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 75-45-6	Difluorochloromethane	1.10	6.54	J

Comments: \_\_\_\_\_