Monthly Operations and Monitoring Report

August 2005

Site:

Stanton Cleaners Area Groundwater Contamination Site Great Neck, New York

Prepared for:

Environmental Chemical Corporation 1293 Broad Street, Suite 200 Bloomfield, New Jersey 07003

Prepared by: Earth Tech, Inc. 7870 Villa Park Drive, Suite 400 Richmond, Virginia 23228

September12, 2005

ET Project No. 70536.02.01.02

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Prepared by: Earth Tech, Inc. 7870 Villa Park Drive, Suite 400 Richmond, Virginia 23228

Title: Environmental Scientist

Date: September 9, 2005

Author: Robert Derrick

ET Project No. 70536.02.01.02

Reviewer: James Kearns

Title: Environmental Scientist

Date: September 12, 2005

Table of Contents

| 1.0 | INTROD | UCTION |
|---|----------------------------------|---|
| 2.0 | SUMMA | RY OF ACTIVITIES DURING AUGUST 2005 |
| 3.0 | GROUN | DWATER TREATMENT SYSTEM ACTIVITIES |
| 3.1 | Operat | ion and Maintenance |
| 3.2 | Sampli | ng and Analysis |
| | | www and Treated Groundwater |
| | | ocess Air Stream Monitoring |
| | | ORING WELL SAMPLING |
| | | PERIMETER MONITORING |
| 6.0 | INDOOR | AIR QUALITY SAMPLING |
| 7.0 | FUTURE | E EVENTS PLANNED |
| 8.0 | PROBLE | EM AREAS AND RECOMMENDED SOLUTIONS (OUTSTANDING ISSUES) |
| | | Tables |
| Table | 1 | Estimated PCE Recovery Rates (September 2003 – August 2005) |
| | | Figures |
| Figure | : 1 | Site Location Map |
| Figure | 2 | Average PCE Concentrations (September 2003 – August 2005) |
| | | Appendices |
| Appen Appen Appen Appen Appen | dix B dix C dix D dix E | Daily Quality Control Reports (DQCRs) Groundwater Treatment System Operation & Maintenance Checklists Groundwater Treatment System Downloaded Operational Data Sampling Trip Reports Groundwater Treatment System Raw and Treated Analytical Data |
| Appen Appen Appen Appen Appen | dix G dix H dix I | Soil Vapor Extraction and Pump and Treat System Bi-weekly Air Monitoring Logs Semi-Annual Groundwater Sampling Analytical Data Historical Groundwater Level Monitoring Results (Ongoing) Indoor Air Quality Analytical Data Action List Dated August 2005 |

1.0 INTRODUCTION

This Monthly Operations and Monitoring Report, August 2005 (Monthly Report) has been prepared by Earth Tech, Inc., as a subcontractor to Environmental Chemical Corporation (ECC), under Contract No.5442-001-001.

The Stanton Cleaners Area Groundwater Contamination (Stanton) site is located at 110 Cutter Mill Road in Great Neck, Nassau County, New York. The Stanton Cleaner Property (SCP) is approximately ¼ acre in size and includes a two-story building in which a dry-cleaning business operates and an adjacent one-story boiler/storage building as well as a two-story treatment building. The site is bordered by an indoor tennis facility, a synagogue and school facility.

Improper handling and disposal of spent dry cleaning solvents, including Tetrachloroethylene (PCE), resulted in the release of hazardous substances at the site. PCE migrated from the site's subsurface soils into the indoor air environments of the surrounding buildings and into groundwater beneath the site, resulting in a significant threat to human health.

In 1983, approximately 20 cubic yards of PCE-contaminated soil was removed from behind the Stanton Cleaners property.

In 1989, a groundwater extraction and treatment system was installed by the original Site operator to address groundwater contamination which resulted from improper disposal of spent PCE behind the SCP building. This system is not currently operational.

In 1998, the New York State Department of Environmental Conservation (NYSDEC) funded the construction of a new air stripper treatment system for the WAGNN water supply wells, which are impacted by contamination from the Site. This treatment system is currently in operation. In October 1998, as an immediate response action, the EPA installed a temporary soil vapor interceptor system, adjacent to the tennis club, to mitigate impacts from PCE vapors to the indoor air of this facility.

In 2001, the EPA completed the construction and installation of a soil vapor extraction (SVE) system and a ground water treatment (GWT) system on the SCP. Both the SVE and GWT systems are housed in the treatment building that was constructed on the SCP. The SVE was installed to remediate the VOC-contaminated soils, thus reducing the indoor air contamination in the adjacent affected buildings to safe levels. The GWT system was installed to remediate the VOC-contaminated groundwater and to remove the threat of vapors through the Site soils. Both systems are currently operating at the Site. The collected VOC-contaminated vapors and groundwater from both systems are treated through separate granular activated carbon (GAC) systems.

The site is presently under the jurisdiction of the Remedial Branch of the USEPA, Region II; USACE provides oversight to USEPA for the remedial action and the long-term remedial action programs. ECC provides oversight to the USACE to perform long-term remediation actions. Earth Tech, as a subcontractor to ECC, provides support on the following tasks as described in the Work Plan:

- Operation and maintenance (O&M) of the GWTS and SVE, including sampling and reporting;
- Sampling of monitoring wells associated with the site in order to track the migration of the contaminant plume, along with reporting.

• Sampling of indoor air quality of buildings adjacent to the site in order to identify all the adjacent buildings being impacted by site related contaminants and the effectiveness of the remedial actions being instituted at the site.

All work under this contract is performed in accordance with the following documents:

- Work Plan for Long-Term Remedial Action Support;
- Site-Specific Health and Safety Plan (HASP), dated July 23, 2001 and
- Sampling Quality Assurance Project Plan (SQAPP) dated August 22, 2000.

As required by the Scope of Work for this project, monthly summary reports are prepared to document and summarize the activities taking place. These reports provide a concise description of work performed during the reporting period and include pertinent deliverables as appendices. This monthly summary report covers the period between August 1, and August 31, 2005.

2.0 SUMMARY OF ACTIVITIES DURING AUGUST 2005

The following list summarizes activities performed and milestone dates under this contract during the reporting period, August 2005:

- August 2 Weekly O&M Inspection
- August 2 Bi-weekly system air monitoring
- August 4 Monthly water level measurements
- August 9 Weekly O&M Inspection
- August 9 Bi-weekly system air monitoring
- August 15 Weekly O&M Inspection
- August 24 Weekly O&M Inspection
- August 24 Bi-weekly system air monitoring
- August 29 Weekly O&M Inspection
- August 29-September 1 Quarterly Groundwater Sampling Event

Details of system shutdowns and alarms during the month of August 2005 are discussed in section 3.1. Daily Quality Control Reports (DQCRs), which include projected work for the following two weeks, are completed for each day of site activities. Copies of these reports are included as Appendix A.

3.0 GROUNDWATER TREATMENT SYSTEM ACTIVITIES

3.1 Operation and Maintenance

The GWTS treated and discharged 2,635,860.6 gallons during the month of August 2005. The system was operational (recovery well pumps running) for approximately 740 of the 744 hours during the month,

for an average operating flow of 59.4 gallons per minute (gpm). The system has treated a total of 103,492,557 gallons since the plant startup in November 2001.

There are currently two recovery wells pumping water into the system (EPA-EXT-02 and EPA-EXT-4R). EPA-EXT-02 is located in the triangle, the corner of New Cutter Mill Road and Mirrielees Road. Extraction well MW-24 was also pumping from the triangle location until it was turned off and April 20, 2005. Extraction well EPA-EXT-4R was activated on April 20, 2005. This new extraction well is located in the parking lot directly in front of the Stanton Dry Cleaners building. The decision to turn off extraction well MW-24 and replace it with EPA-ECT-4R was made by the USEPA.

The facility is equipped with a remote monitoring and control system that was accessed a minimum of three times per week, by the lead engineer, during the reporting period to ensure proper system operation and notify response personnel if a problem or abnormal condition was observed. The system also provides remote notification of alarm conditions via automatic e-mail and text messaging.

The Treatment System Operation and Maintenance Checklist were completed during each O&M inspection event and the checklists for August 2, 9, 15, 24 and 29, 2005 are provided in Appendix B. When the system is operational, any abnormal conditions or parameters outside of the normal operating range are addressed by the lead operator and/or monitoring/environmental technician on site (Jim Simmonds/Tom Williams or James Kearns). If they require guidance or notes any serious conditions, the inspector notifies the task manager (Tom Williams). The checklists are completed on site and sent to the task manager for review and scheduling of additional work if needed. Abnormal conditions and/or parameters outside the operating range are addressed, including repairs, cleaning, and continued monitoring.

System operational and alarm conditions are automatically stored by the PLC. This data is downloaded every two weeks. The August 2005 operational data is included in Appendix C. While operational, the system data are within the normal ranges and are consistent with visual observations, with any exceptions as described above.

The effluent flow data table in Appendix C shows daily discharge flows from each day of system operation and cumulative treated water discharge for each day during the reporting period, as well as a summary of total monthly flow and average daily flow since the system was started up in October 2001.

3.2 Sampling and Analysis

3.2.1 Raw and Treated Groundwater

In accordance with the SQAPP, GWTS sampling is conducted on a monthly basis to monitor plant efficiency, to determine whether liquid carbon breakthrough has occurred, and to verify that contract-specific discharge parameters (in accordance with National Pollutant Discharge Elimination System (NPDES) permit equivalency) are met. The combined GWTS influent, along with the GWTS effluent (discharge), will be sampled by the 15th of each month. Collected samples will be shipped to a designated EPA, CLP lab for analysis of TCL volatile organic compounds.

Earth Tech personnel conducted the GWTS influent and effluent sampling for this report period on August 15, 2005. The samples were shipped to the USEP Region II DESA Laboratory, located in Edison, NJ for analysis of low concentration TCL volatile organic compounds. A copy of the full sampling trip report containing the chain of custody forms and FedEx air bill is included in Appendix D. Laboratory

analytical results for the GWTS sampling event during this reporting period will be forwarded to ECC under separate cover from the laboratory.

Measurements of influent and effluent pH and turbidity, along with effluent conductivity, are automatically monitored and recorded by the GWTS PLC on a daily basis; this information is included with the downloaded data in Appendix C.

The next GWTS influent / effluent sampling event is scheduled for September 7, 2005.

3.2.2 Process Air Stream Monitoring

Air monitoring of the SVE and Pump and Treat System is performed on a bi-weekly basis. It includes monitoring for VOCs, air velocity, temperature, humidity, dew point, vacuum pressure and other parameters, as specified in the O&M manual. Air monitoring is performed at the following locations within the system:

- Combined SVE Influent (pre-treatment),
- Post groundwater Air-Stripper (pre-treatment),
- Post vapor phase carbon vessel 1 Air Stripper air discharge (post-treatment).
- Post vapor phase carbon vessel 2 SVE air discharge (post-treatment).
- Sub-slab monitoring points (pre-treatment)

Bi-weekly air monitoring activities were conducted on August 2, 9 and 24 2005. The bi-weekly air monitoring logs are included in Appendix F. Estimated PCE removal rates for the SVE system are presented in Table 1. A Graph showing the estimated PCE removal rate trend over time is presented in Figure 2. The next bi-weekly air-monitoring event is scheduled for September 7, 2005.

4.0 Monitoring Well Sampling

Groundwater samples from select monitoring wells both on and off-site are collected on a quarterly basis and shipped to a designated EPA, CLP lab for analysis. Groundwater sampling activities are performed in accordance with the USEPA Groundwater Sampling SOP #2007 and the USEPA Low-Stress Purging and Sampling SOP provided in the SQAPP. Each quarterly sampling event is coordinated with the local water authority to schedule the event when local water supply drawdown conditions do not impact the measurements. The location and number of monitoring wells as well as analytical parameters will be determined before each event by the USPEA, USACE, and ECC.

The first semi-annual groundwater sampling event of 2005 was conducted by Earth Tech personnel on February 7 through 11, 2005. A total of 25 groundwater monitoring wells were sampled for analysis of the presence of TCL volatiles only. A copy of the full sampling trip report containing the chain of custody forms and FedEx air bills is included in Appendix D.

Laboratory analytical results for this semi-annual groundwater sampling event will be forwarded to ECC under separate cover from the laboratory. The semi-annual groundwater sampling event was performed the week of August 29, 2005. It included sampling 29 monitoring wells, 15 of which had natural attenuation perimeter analyses.

5.0 PLUME PERIMETER MONITORING

Groundwater level measurements are obtained from both on-site and offsite wells once a month in order to evaluate capture zone(s) around the groundwater extraction wells. The event is coordinated with the local water authority so the event can be scheduled when the local water supply drawdown conditions will have minimal impact to the measurements.

Water level measurements were collected on August 4, 2005. The location and number of monitoring wells was determined by the USEPA based on the site Capture Zone Analysis Plan. Groundwater level measurements for August 4, 2005 and historical groundwater level measurements are provided in Appendix H.

6.0 INDOOR AIR QUALITY SAMPLING

Indoor air quality samples from select locations within the treatment building and buildings along the perimeter of the site are collected using summa canisters on a quarterly basis and shipped to a designated EPA, CLP lab for analysis. The location and number of indoor air quality samples to be collected as well as analytical parameters will be determined by the USEPA, USACE and ECC.

The last indoor air quality sampling event was conducted on July 27, 2005 by Earth Tech personnel. This sampling event was conducted to address air quality issues within the groundwater treatment building. The sampling report for this event was included in the July 2005 submittal.

7.0 FUTURE EVENTS PLANNED

The following scheduled events are planned (or have since occurred) during the next three reporting periods:

- Continue to perform GWTS inspection and maintenance as required;
- Continue to perform bi-weekly system air monitoring;
- Collect system influent and effluent samples as directed by USACE/ECC/USEPA;
- Obtain groundwater level measurements as directed by USACE/ECC/USEPA;
- Collect groundwater samples from monitoring wells as directed by USACE/ECC/USEPA;
- Collect indoor air quality samples as directed by USACE/ECC/USEPA;
- HVAC Filter Change Out (Long Island Hebrew Academy Roof)
- Semi-Annual Groundwater Monitoring Well Sampling Event (January/August)

8.0 PROBLEM AREAS AND RECOMMENDED SOLUTIONS (OUTSTANDING ISSUES)

An Action List of ongoing and completed items is provided in Appendix J to track work tasks that have been targeted as issues to be addressed.

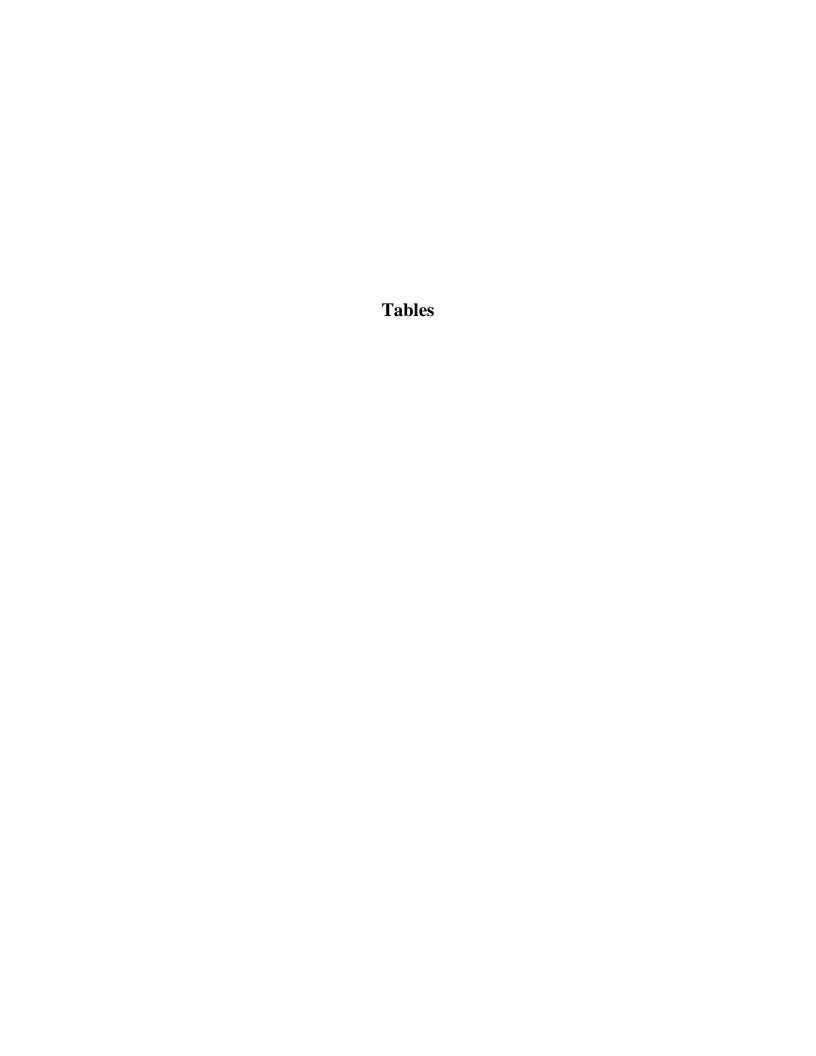


TABLE 1

ESTIMATED PCE RECOVERY RATES

STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE 250 CFM SVE SYSTEM

September 2003 - August 2005

| | Flow Rate | | VOC | | | | |
|------------|-----------|-------|-----------|-------------------|-------------|----------------|-----------------|
| Date | # of | | | Concentration | Average | Discharge Rate | Total Discharge |
| | Days | (cfm) | Avg (cfm) | (ppm) | (ppm) | (lbs/day) | (lbs) |
| 9/11/2003 | 1 | 225 | 225 | 4.2 | 4.20 | 0.6 | 0.6 |
| 9/25/2003 | 13 | 210 | 217.5 | 4.7 | 4.45 | 0.6 | 7.8 |
| 10/8/2003 | 13 | 213 | 211.5 | 5 | 4.85 | 0.6 | 8.2 |
| 10/23/2003 | 15 | 210 | 210 | 12.2 | 8.6 | 1.1 | 16.7 |
| 11/5/2003 | 13 | 215 | 212.5 | 6.8 | 9.5 | 1.2 | 16.2 |
| 11/22/2003 | 17 | 211 | 213 | 6 | 6.4 | 0.8 | 14.3 |
| 12/4/2003 | 12 | 205 | 208 | 5.9 | 5.95 | 0.8 | 9.2 |
| 12/17/2003 | 13 | 200 | 202.5 | 4 | 4.95 | 0.6 | 8.0 |
| 12/30/2003 | 13 | 210 | 205 | 4 | 4.95 | 0.6 | 8.1 |
| 1/15/2004 | 16 | 205 | 207.5 | 4.1 | 4.05 | 0.5 | 8.3 |
| 2/5/2004 | | | SVE | System Manually S | hutdown Sir | nce 1/16/04 | |
| 2/12/2004 | 8 | 200 | 200 | 3.5 | 3.5 | 0.4 | 3.5 |
| 2/26/2004 | 14 | 205 | 202.5 | 5.3 | 4.4 | 0.6 | 7.7 |
| 3/10/2004 | 12 | 200 | 202.5 | 5 | 5.15 | 0.6 | 7.7 |
| 3/25/2004 | 15 | 199 | 199.5 | 5.1 | 5.05 | 0.6 | 9.3 |
| 4/13/2004 | 19 | 175 | 187 | 6.3 | 5.7 | 0.7 | 12.5 |
| 4/29/2004 | 16 | 170 | 172.5 | 6 | 6.15 | 0.7 | 10.5 |
| | | | | | | Total | 148.7 |

Notes:

VOC readings taken before vapor phase carbon off-gas treatment. Deep SVE Wells Closed on 12/10/03 Per OSC's Request

Formula provided by EPA in the "Elements for Effective Management of Operating Pump and Treatment Systems" publication.

Cair (mg/m3) =
$$\frac{\text{Conc (ppmv)}}{1\text{E}+06} \times \frac{1 \text{ mole air}}{24.1 \text{ L}} \times \frac{1000 \text{ L}}{3000 \text{ L}} \times \frac{1000 \text{ mg}}{3000 \text{ mg}} \times \text{MWx}$$

Notes:

Mair = mass loading, removal rate in air (lbs/day)

Qair = flow rate in air (cfm)

Cair = contaminant concentration (mg/m3)

MWx = molecular weight in grams/mole, for PCE is 166

Note: The conversion factor (1 mole air)/(24.1 L) varies with both temperature and pressure. At a pressure of 1 atmosphere and a temperature of 32 degrees Fahrenheit (0 degrees Celsius), the conversion is (1 mole air)/(22.4 L).

TABLE 1 (continued)

ESTIMATED PCE RECOVERY RATES

STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE

250 CFM SVE SYSTEM September 2003 - August 2005

| | | | Flow Rate | | | VOC | |
|------------|------|-------|-----------|---------------|---------|----------------|-----------------|
| Date | # of | | | Concentration | Average | Discharge Rate | Total Discharge |
| | Days | (cfm) | Avg (cfm) | (ppm) | (ppm) | (lbs/day) | (lbs) |
| 5/13/2004 | 14 | 150 | 160 | 6 | 6 | 0.6 | 8.3 |
| 5/30/2004 | 17 | 147 | 148.5 | 5.9 | 5.95 | 0.5 | 9.3 |
| 6/10/2004 | 11 | 150 | 148.5 | 4.4 | 5.15 | 0.5 | 5.2 |
| 6/30/2004 | 20 | 145 | 147.5 | 5.6 | 5 | 0.5 | 9.1 |
| 7/8/2004 | 8 | 140 | 142.5 | 4.9 | 5.25 | 0.5 | 3.7 |
| 7/22/2004 | 14 | 139 | 139.5 | 4.8 | 4.85 | 0.4 | 5.8 |
| 8/9/2004 | 18 | 140 | 139.5 | 3.1 | 3.95 | 0.3 | 6.1 |
| 8/31/2004 | 1 | 135 | 137.5 | 3 | 3.05 | 0.3 | 0.3 |
| 9/8/2004 | 8 | 120 | 127.5 | 2.9 | 2.95 | 0.2 | 1.9 |
| 9/30/2004 | 22 | 121 | 120.5 | 3.1 | 3 | 0.2 | 4.9 |
| 10/4/2004 | 5 | 121 | 121 | 2.9 | 3 | 0.2 | 1.1 |
| 10/20/2004 | 15 | 120 | 120.5 | 2.8 | 2.85 | 0.2 | 3.2 |
| 11/1/2004 | 12 | 121 | 120.5 | 3 | 2.9 | 0.2 | 2.6 |
| 11/17/2004 | 16 | 125 | 123 | 4.1 | 3.55 | 0.3 | 4.3 |
| 11/29/2004 | 12 | 120 | 122.5 | 4.2 | 4.15 | 0.3 | 3.8 |
| 12/7/2004 | 8 | 121 | 120.5 | 4.2 | 4.2 | 0.3 | 2.5 |
| 12/16/2004 | 9 | 120 | 120.5 | 4.1 | 4.15 | 0.3 | 2.8 |
| 1/12/2005 | 27 | 120 | 120 | 4.5 | 4.3 | 0.3 | 8.6 |
| 1/17/2005 | 5 | 120 | 120 | 4.5 | 4.5 | 0.3 | 1.7 |
| 2/9/2005 | 23 | 120 | 120 | 3.9 | 4.2 | 0.3 | 7.2 |
| 2/23/2005 | 14 | 120 | 120 | 3.5 | 3.7 | 0.3 | 3.8 |
| 3/2/2005 | 7 | 120 | 120 | 3.2 | 3.35 | 0.2 | 1.7 |
| 3/16/2005 | 14 | 120 | 120 | 3.5 | 3.35 | 0.2 | 3.5 |
| 4/4/2005 | 19 | 120 | 120 | 3 | 3.25 | 0.2 | 4.6 |
| 4/20/2005 | 16 | 120 | 120 | 2.9 | 2.95 | 0.2 | 3.5 |
| 5/3/2005 | 13 | 120 | 120 | 3.1 | 3.00 | 0.2 | 2.9 |
| 5/19/2005 | 16 | 120 | 120 | 2.9 | 3.00 | 0.2 | 3.6 |
| | | · | | | | Total | 264.5 |

Notes:

SVE system turned off from 8/24/2004 through 8/31/2004 during tennis court demolition activities.

New SVE well EPA-EXT-04 on-line 11/04/2004

VOC readings taken before vapor phase carbon off-gas treatment.

Deep SVE Wells Closed on 12/10/03 Per OSC's Request

Formula provided by EPA in the "Elements for Effective Management of Operating Pump and Treatment Systems" publication.

Mair = Qair x Cair x 0.0283 m3 x 1440 min. x 2.2 lbs.

ft.3 day 1000000 mg

Cair (mg/m3) = $\frac{\text{Conc (ppmv)}}{1\text{E}+06}$ x $\frac{1 \text{ mole air}}{24.1 \text{ L}}$ x $\frac{1000 \text{ L}}{3}$ x $\frac{1000 \text{ mg}}{3}$ x MWx

Notes:

Mair = mass loading, removal rate in air (lbs/day)

Qair = flow rate in air (cfm)

Cair = contaminant concentration (mg/m3)

MWx = molecular weight in grams/mole, for PCE is 166

Note: The conversion factor (1 mole air)/(24.1 L) varies with both temperature and

pressure. At a pressure of 1 atmosphere and a temperature of 32 degrees Fahrenheit

(0 degrees Celsius), the conversion is (1 mole air)/(22.4 L).

TABLE 1 (continued)

ESTIMATED PCE RECOVERY RATES

STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE 250 CFM SVE SYSTEM

September 2003 - August 2005

| | | | Flow Rate | | | VOC | |
|-----------|------|-------|-----------|---------------|---------|----------------|-----------------|
| Date | # of | | | Concentration | Average | Discharge Rate | Total Discharge |
| | Days | (cfm) | Avg (cfm) | (ppm) | (ppm) | (lbs/day) | (lbs) |
| 6/15/2005 | 26 | 120 | 120 | 1 | 1.95 | 0.1 | 3.8 |
| 6/22/2005 | 7 | 270 | 120 | 8.3 | 4.65 | 0.3 | 2.4 |
| 7/25/2005 | 33 | 280 | 275 | 8.3 | 8.30 | 1.4 | 46.5 |
| 8/9/2005 | 15 | 290 | 285 | 5.0 | 6.65 | 1.2 | 17.6 |
| 8/24/2005 | 15 | 290 | 290 | 6.0 | 5.50 | 1.0 | 14.8 |
| | | | | | | Total | 349.6 |

Notes:

SVE system turned off from 8/24/2004 through 8/31/2004 during tennis court demolition activities.

New SVE well EPA-EXT-04 on-line 11/04/2004

VOC readings taken before vapor phase carbon off-gas treatment.

Deep SVE Wells Closed on 12/10/03 Per OSC's Request

Formula provided by EPA in the "Elements for Effective Management of Operating Pump and Treatment Systems" publication.

Cair (mg/m3) =
$$\frac{\text{Conc (ppmv)}}{1\text{E}+06}$$
 x $\frac{1 \text{ mole air}}{24.1 \text{ L}}$ x $\frac{1000 \text{ L}}{3}$ x $\frac{1000 \text{ mg}}{3}$ x MWx

Notes:

Mair = mass loading, removal rate in air (lbs/day)

Qair = flow rate in air (cfm)

Cair = contaminant concentration (mg/m3)

MWx = molecular weight in grams/mole, for PCE is 166

Note: The conversion factor (1 mole air)/(24.1 L) varies with both temperature and pressure. At a pressure of 1 atmosphere and a temperature of 32 degrees Fahrenheit (0 degrees Celsius), the conversion is (1 mole air)/(22.4 L).



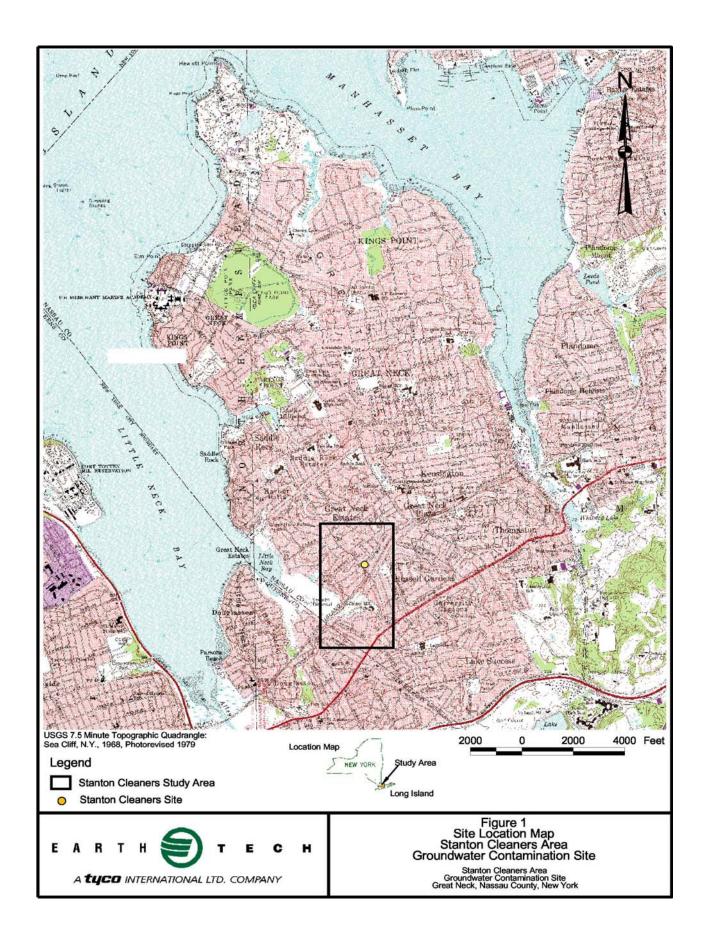
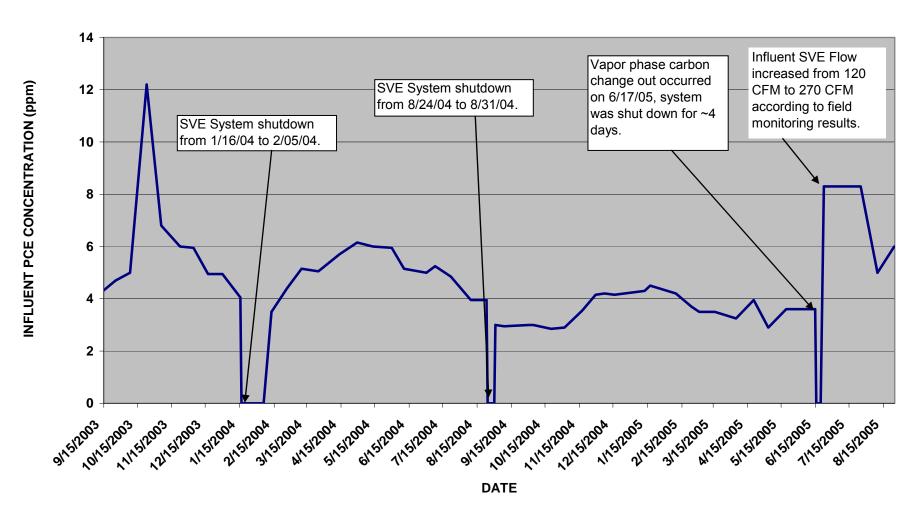


Figure 2
STANTON CLEANERS AREA GOUNDWATER CONTAMINATION SITE
AVERAGE PCE CONCENTRATIONS (ppm)
250 CFM FINAL SVE SYSTEM
September 2003 - August 2005



Appendix A Daily Quality Control Reports (DQCRs)

| | | DAII | Y QUALITY | CONTRO | OL REPOR' | Г | |
|------------------|--------------------|-------------|---------------------------------------|------------------|-----------------|-----------------|------------------|
| Site Name an | d Location: S | | aners Site (LTRA | | | <u> </u> | |
| Client: ECC | La Location: B | tunton Cic | uners Site (ETITA) | | No: 5442-001 | -001 | |
| Contractor: | Earth Tech, | Inc. | | Contract | 110.01.2 | | |
| Address: | 7870 Villa I | | Suite 400 | | | | |
| Tidaless. | Richmond, | | | | | | |
| Phone No.: | (804) 515-8 | _ | ,220 | | | | |
| Date: 8/2/05 | (001) 313 0 | 300 | | Earth T | ech Project No | p.: 70536 | |
| Day | S | M | Т | W | T | F | S |
| Weather | | | SUNNY | | | | |
| Temp. | | | 85° | | | | |
| Wind | | | 0-3 MPH | | | | |
| Humidity | | | 59.4 | | | | |
| | ersonnel On-S | Site: Rob I | Perrick, Frank M | I ahalski | 1 | . | 1 |
| | | | , | | | | |
| Subcontracto | r (include nan | nes & resp | onsibilities): N/A | | | | |
| | | | , , , , , , , , , , , , , , , , , , , | | | | |
| Contract Mat | erials and Equ | nipment on | site: Ford Explo | rer, Veloci | i-Calc, PID, F | ID_ | |
| and general | hand tools. | | | | | | |
| - | | | | | | | |
| | | | | | | | |
| Work Perform | med (include s | ampling; l | ist by NAS numb | er if applica | able): | | |
| Bi-weekly ai | r monitoring | of SVE w | ells, sub slabs (ex | cept D), a | ir stripper and | d the influent | |
| | | | alc. Sub Slab D v | | | | |
| · | C | | | | • | | |
| Quality Cont | rol Activities | (including | field calibrations) | : Calibrate | ed PID | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | afety Levels a | | | | | | |
| Problems End | countered/Cor | rection Ac | tion Taken: N/A | | | | |
| | | | | | | | |
| | | | ange in SOW or | | | | |
| | | all inspec | tions by subject a | nd specifica | ation location; | attach minutes | of meeting and |
| list of all atte | ndees): N/A | | | | | | |
| | | | | | | | |
| Have all requ | ired submittal | ls and sam | ples of construction | on been app | proved? Yes | | |
| D 4 | . 1 1 . | 1 | 1 | .1 1 *** | 1.0.57 | | |
| Do the mater | iais and equip | ment to be | used conform to | tne submitt | ais? Yes | | |
| | | | | | | | |
| | | | | | | | |
| Ung all prolin | ninamy vyank k | oon inanca | tad tastad and as | mplotod9 V | Vos | | |
| | | | ted, tested, and co | | | maa (inalyda L | oth avacated and |
| - | - | n techniqu | es to be executed | to prove co | лигаст сотриа | ince (include b | oth expected and |
| actual results |). 1 V /A | | | | | | |

| DAILY QUALITY CONTROL REPORT | |
|--|------|
| Site Name and Location: Stanton Cleaners Site (LTRA) – Great Neck, NY | |
| Client: ECC Contract No: 5442-001-001 | |
| Contractor: Earth Tech, Inc. | |
| Address: 7870 Villa Park Drive, Suite 400 | |
| Richmond, Virginia 23228 | |
| Phone No.: (804) 515-8300 | |
| Date: 8/2/05 Earth Tech Project No.: 70536 | |
| | |
| Has a phase hazard analysis been performed? Included in the Site Specific Health & Safety Plan | |
| | |
| Comments and deficiencies noted and corrective actions taken: Explained in work performed section. | |
| | 4 1 |
| Initial Inspection: List all inspections by subject and specification location. Comment and/or deficiencies no and corrective actions taken. | itea |
| Explained in work performed section. | |
| Explained in work performed section. | |
| Follow-up Inspection: List all inspections by subject and specification location. Comment and/or deficienci | |
| noted and corrective actions taken. | CS |
| noted and corrective actions taken. | |
| Special Notes: | |
| Air monitoring not done for Sub-slab D (blocked by vehicle) | |
| The momenting not done for Sub-Sub-Sub-Sub-Sub-Sub-Sub-Sub-Sub-Sub- | |
| | |
| | |
| Tomorrow's Expectations: | |
| Weekly O&M Inspection | |
| | |
| | |
| | |
| | |
| By: Robert Derrick Title: Environmental Scientist | |
| Signature: (Quality Control Representative/Manager) | |
| | |
| The above report is complete and correct. All materials and equipment used and all work performed during | this |
| reporting period are in compliance with the contract specifications and submittals, except as noted above. | |
| Signature: (Contractor's Authorized Representative) | |

| Cita Mana | | DAIL | Y QUALITY | CONTRO | OL REPOR | T | |
|---|--|--|--|--|--|-----------------|---|
| Site Name a | nd Location: | Stanton Cle | aners Site (LTRA |) – Great N | leck, NY | | |
| Client: ECC | | | | Contract | No: 5442-00 | 1-001 | |
| Contractor: | Earth Tech | | | | | | |
| Address: | 7870 Villa | Park Drive | Suite 400 | | | | |
| | | , Virginia 23 | 3228 | | | | |
| Phone No.: | (804) 515- | 8300 | | | | | |
| Date: 8/9/05 | | | | | ech Project N | lo.: 70536 | |
| Day | S | M | Т | W | T | F | S |
| Weather | | | CLOUDY | | | | |
| Temp. | | | 75° | | | | |
| Wind | | | 5-10 MPH | | | | |
| Humidity | | | 69 | | | | |
| Earth Tech I | Personnel On- | -Site: Frank | Mahalski, Jame | s Kearns | | | |
| | | | | | | | |
| Subcontracte | or (include na | ımes & resp | onsibilities): N/A | | | | |
| | | | | | | | |
| | | quipment on | site: Ford Explo | rer, Veloci | i-Calc, PID, F | FID | |
| and general | hand tools. | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Work Perfor | med (include | sampling; l | ist by NAS numb | er if applica | able): | | |
| | | | ist by NAS number | | | nd the influent | |
| Bi-weekly a | ir monitorin | g of SVE w | ells, sub slabs (ex | cept D), a | ir stripper an | d the influent | |
| Bi-weekly a | ir monitorin | g of SVE w | | cept D), a | ir stripper an | d the influent | |
| Bi-weekly a and system | ir monitorin using PID aı | g of SVE w nd VelociCa | ells, sub slabs (ex alc. Sub Slab D w | ccept D), ai | ir stripper and by a truck. | d the influent | |
| Bi-weekly a and system | ir monitorin using PID aı | g of SVE w nd VelociCa | ells, sub slabs (ex | ccept D), ai | ir stripper and by a truck. | d the influent | |
| Bi-weekly a and system | ir monitorin using PID aı | g of SVE w nd VelociCa | ells, sub slabs (ex alc. Sub Slab D w | ccept D), ai | ir stripper and by a truck. | d the influent | |
| Bi-weekly a and system | ir monitorin using PID aı | g of SVE w nd VelociCa | ells, sub slabs (ex alc. Sub Slab D w | ccept D), ai | ir stripper and by a truck. | d the influent | |
| Bi-weekly a and system Quality Con | ir monitorin using PID aı | g of SVE w nd VelociCa s (including | ells, sub slabs (exalc. Sub Slab D w | ccept D), ai | ir stripper and by a truck. | d the influent | |
| Bi-weekly a and system Quality Con Health and S | ir monitorin using PID an trol Activities Safety Levels | g of SVE wend VelociCas (including and Activiti | ells, sub slabs (exalc. Sub Slab D was field calibrations) | ccept D), ai | ir stripper and by a truck. | d the influent | |
| Bi-weekly a and system Quality Con Health and S | ir monitorin using PID an trol Activities Safety Levels | g of SVE wend VelociCas (including and Activiti | ells, sub slabs (exalc. Sub Slab D w | ccept D), ai | ir stripper and by a truck. | d the influent | |
| Bi-weekly a and system Quality Con Health and S Problems Er | ir monitorin using PID and trol Activities Safety Levels acountered/Co | g of SVE wand VelociCass (including and Activition Activition | ells, sub slabs (exalc. Sub Slab D was field calibrations) | ccept D), a vas blocked : Calibrate | ir stripper and by a truck. | d the influent | |
| Bi-weekly a and system Quality Con Health and S Problems Er Explain Dev | ir monitorin using PID an trol Activities Safety Levels acountered/Corelopments Le | g of SVE wend VelociCas (including and Activition Activition and Activition action Activition and Activition action Activition action Activition action acti | ells, sub slabs (exalc. Sub Slab D was field calibrations) eles: Level D tion Taken: N/A | ccept D), and case blocked: Calibrate Finding of 1 | ir stripper and by a truck. ed PID Fact: N/A | | |
| Bi-weekly a and system Quality Con Health and S Problems Er Explain Dev Preparatory | ir monitorin using PID and trol Activities Safety Levels accountered/Control relopments Levels Inspection (li | g of SVE wend VelociCass (including and Activition Activition and | ells, sub slabs (exalc. Sub Slab D was field calibrations) des: Level Detion Taken: N/A | ccept D), and case blocked: Calibrate Finding of 1 | ir stripper and by a truck. ed PID Fact: N/A | | |
| Bi-weekly a and system Quality Con Health and S Problems Er Explain Dev Preparatory | ir monitorin using PID an trol Activities Safety Levels acountered/Corelopments Le | g of SVE wend VelociCass (including and Activition Activition and | ells, sub slabs (exalc. Sub Slab D was field calibrations) des: Level Detion Taken: N/A | ccept D), and case blocked: Calibrate Finding of 1 | ir stripper and by a truck. ed PID Fact: N/A | | |
| Bi-weekly a and system Quality Con Health and S Problems Er Explain Dev Preparatory list of all atte | ir monitorin using PID and trol Activities Safety Levels accountered/Control Control | g of SVE wend VelociCas (including and Activition Activition and Activition and Activition action Activition and Activition action Activition action | ells, sub slabs (exalc. Sub Slab D was field calibrations) des: Level Detion Taken: N/A tange in SOW or I tions by subject and the subject a | ccept D), and case blocked: Calibrate Finding of land specification | ir stripper and by a truck. ed PID Fact: N/A ation location; | | |
| Bi-weekly a and system Quality Con Health and S Problems Er Explain Dev Preparatory list of all atte | ir monitorin using PID and trol Activities Safety Levels accountered/Control Control | g of SVE wend VelociCas (including and Activition Activition and Activition and Activition action Activition and Activition action Activition action | ells, sub slabs (exalc. Sub Slab D was field calibrations) des: Level Detion Taken: N/A | ccept D), and case blocked: Calibrate Finding of land specification | ir stripper and by a truck. ed PID Fact: N/A ation location; | | |
| Health and S Problems Er Explain Dev Preparatory list of all atte | ir monitorin using PID and trol Activities and trol Activities accountered/Control Control Con | and Activition Activities and Inspection Activities all inspection als and same | ells, sub slabs (exalc. Sub Slab D was field calibrations) des: Level Detion Taken: N/A lange in SOW or I tions by subject and ples of construction | ras blocked: Calibrate Finding of Ind specification been appropriate to the control of the cont | ir stripper and by a truck. ed PID Fact: N/A ation location; | | |
| Health and S Problems Er Explain Dev Preparatory list of all atte | ir monitorin using PID and trol Activities and trol Activities accountered/Control Control Con | and Activition Activities and Inspection Activities all inspection als and same | ells, sub slabs (exalc. Sub Slab D was field calibrations) des: Level Detion Taken: N/A tange in SOW or I tions by subject and the subject a | ras blocked: Calibrate Finding of Ind specification been appropriate to the control of the cont | ir stripper and by a truck. ed PID Fact: N/A ation location; | | |
| Health and S Problems Er Explain Dev Preparatory list of all atte | ir monitorin using PID and trol Activities and trol Activities accountered/Control Control Con | and Activition Activities and Inspection Activities all inspection als and same | ells, sub slabs (exalc. Sub Slab D was field calibrations) des: Level Detion Taken: N/A lange in SOW or I tions by subject and ples of construction | ras blocked: Calibrate Finding of Ind specification been appropriate to the control of the cont | ir stripper and by a truck. ed PID Fact: N/A ation location; | | |
| Health and S Problems Er Explain Dev Preparatory list of all atte | ir monitorin using PID and trol Activities and trol Activities accountered/Control Control Con | and Activition Activities and Inspection Activities all inspection als and same | ells, sub slabs (exalc. Sub Slab D was field calibrations) des: Level Detion Taken: N/A lange in SOW or I tions by subject and ples of construction | ras blocked: Calibrate Finding of Ind specification been appropriate to the control of the cont | ir stripper and by a truck. ed PID Fact: N/A ation location; | | |

| | DAILY QUALITY C | ONTROL REPORT |
|---------------------------------|---|---|
| Site Name and | Location: Stanton Cleaners Site (LTRA) | - Great Neck, NY |
| Client: ECC | | Contract No: 5442-001-001 |
| Contractor: | Earth Tech, Inc. | |
| Address: | 7870 Villa Park Drive, Suite 400 | |
| | Richmond, Virginia 23228 | |
| Phone No.: | (804) 515-8300 | |
| Date: 8/9/05 | | Earth Tech Project No.: 70536 |
| | | |
| Test required a actual results) | • | o prove contract compliance (include both expected and |
| TT1- | | - 41 - C!4 - C :E'- II - 41 - O C - E-4 - D |
| Has a phase na | izard analysis been performed? Included i | in the Site Specific Health & Safety Plan |
| Comments on | d deficiencies noted and corrective estions | taken: Explained in work performed section. |
| Comments and | deficiencies noted and corrective actions | taken. Explained in work performed section. |
| Initial Inchecti | on: List all inspections by subject and spe | ecification location. Comment and/or deficiencies noted |
| | actions taken. | circation location. Comment and/or deficiencies noted |
| | ork performed section. | |
| Explained in W | ork performed section. | |
| | | d specification location. Comment and/or deficiencies |
| noted and corr | rective actions taken. | |
| C '1N | | |
| Special Notes: | | 1.17 |
| Air monitorii | ng not done for Sub-slab D (blocked by v | /enicie) |
| | | |
| | | |
| Tomorrow's E | | |
| Tomorrow's E Weekly O&M | • | |
| weekly Oak | 1 Inspection | |
| | | |
| | | |
| | | |
| By: Frank Ma | halski Title: En | vironmental Scientist |
| Signature: | (Quality Control Repres | |
| Signature. | (Quality Control Repres | entative/Manager) |
| | | and equipment used and all work performed during this |
| | | cifications and submittals, except as noted above. |
| Signature: | (Contractor's Authorized | l Representative) |
| | | |

| | | DAILY | QUALITY | CONTRO | OL REPOR | RT | |
|---|---|--|---|---|---|-----------------|------------------|
| Site Name ar | nd Location: | Stanton Cleane | ers Site (LTR. | A) – Great N | leck, NY | | |
| Client: ECC | | | | Contract | No: 5442-00 | 1-001 | |
| Contractor: | Earth Tecl | h, Inc. | | | | | |
| Address: | 7870 Villa | a Park Drive, Su | iite 400 | | | | |
| | Richmond | l, Virginia 2322 | 8 | | | | |
| Phone No.: | (804) 515 | -8300 | | | | | |
| Date: 8/16/0 | 5 | | | Earth T | ech Project N | No.: 70536 | |
| Day | S | M | T | W | T | F | S |
| Weather | | CLOUDY | | | | | |
| Temp. | | 70 ° | | | | | |
| Wind | | NONE | | | | | |
| Humidity | | 60% | | | | | |
| Earth Tech F | ersonnel On | -Site: Rob Der | rick, Frank | Mahalski | | | |
| | _ | | | _ | | | |
| Subcontracto | or (include na | ames & respons | ibilities): N /A | A | | | |
| | ` | * | , | | | | |
| Contract Ma | terials and F | quipment on sit | e Horiba vi | ials cooler | | | |
| Contract Ivia | icitats and L | quipment on sit | c. Horiba, vi | iais, coolei | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Work Perfor | med (include | e sampling; list | by NAS num | nber if applic | able): | | |
| | | e sampling; list | | | | Trip Blank) | |
| Monthly sys | tem sampli | ng (influent, ef | | | | , Trip Blank) | |
| Monthly sys Weekly syst | tem sampli em monitor | ng (influent, ef | fluent, EPA- | -EXT-4R, E | PA-EXT-2R, | , Trip Blank) | |
| Monthly sys Weekly syst | tem sampli em monitor | ng (influent, ef | fluent, EPA- | -EXT-4R, E | PA-EXT-2R, | , Trip Blank) | |
| Monthly sys Weekly syst | tem sampli em monitor | ng (influent, ef | fluent, EPA- | -EXT-4R, E | PA-EXT-2R, | , Trip Blank) | |
| Monthly sys Weekly syst | tem sampli em monitor | ng (influent, ef | fluent, EPA- | -EXT-4R, E | PA-EXT-2R, | , Trip Blank) | |
| Monthly sys Weekly syst Quality Con | tem sampli em monitor rol Activitie | ng (influent, efficient) ring ring ring fiel | fluent, EPA- | -EXT-4R, E | PA-EXT-2R, | , Trip Blank) | |
| Monthly sys Weekly syst Quality Cont Health and S | tem sampli em monitor rol Activitie | ng (influent, efficient) ing is (including field) and Activities: | fluent, EPA- ld calibration Level D | -EXT-4R, E | PA-EXT-2R, | , Trip Blank) | |
| Monthly sys Weekly syst Quality Cont Health and S | tem sampli em monitor rol Activitie | ng (influent, efficient) ring es (including fiel | fluent, EPA- ld calibration Level D | -EXT-4R, E | PA-EXT-2R, | , Trip Blank) | |
| Monthly syst Weekly syst Quality Cont Health and S Problems En | em sampli em monitor rol Activitie afety Levels countered/C | ng (influent, efficiency) es (including field) es and Activities: | fluent, EPA- ld calibration Level D n Taken: N/A | EXT-4R, E | PA-EXT-2R, ed Horiba | Trip Blank) | |
| Monthly syst Weekly syst Quality Cont Health and S Problems En | em sampling em monitor arol Activitien afety Levels countered/C | ng (influent, efficing as (including field as and Activities: forrection Action action action to Change and the contraction action acti | Id calibration Level D n Taken: N/A | EXT-4R, E | PA-EXT-2R, ed Horiba Fact: N/A | | |
| Monthly sys Weekly syst Quality Cont Health and S Problems En Explain Dev Preparatory | em sampling em monitor afety Levels countered/C elopments L | ing (influent, efficient) is (including field) and Activities: correction Action eading to Chang ist all inspection | Id calibration Level D n Taken: N/A | EXT-4R, E | PA-EXT-2R, ed Horiba Fact: N/A | | s of meeting and |
| Monthly sys Weekly syst Quality Cont Health and S Problems En Explain Dev Preparatory | em sampling em monitor afety Levels countered/C elopments L | ing (influent, efficient) is (including field) and Activities: correction Action eading to Chang ist all inspection | Id calibration Level D n Taken: N/A | EXT-4R, E | PA-EXT-2R, ed Horiba Fact: N/A | | s of meeting and |
| Monthly syst Weekly syst Quality Cont Health and S Problems En Explain Dev Preparatory list of all atte | em samplinem monitor afety Levels countered/C elopments L (Inspection (Inspection (Inspection)) | ng (influent, efficing as (including field and Activities: correction Action eading to Chang ist all inspection | Level D n Taken: N/A ge in SOW on s by subject | r Finding of and specific | PA-EXT-2R, ed Horiba Fact: N/A ation location | | s of meeting and |
| Monthly syst Weekly syst Quality Cont Health and S Problems En Explain Dev Preparatory list of all atte | em samplinem monitor afety Levels countered/C elopments L (Inspection (Inspection (Inspection)) | ing (influent, efficient) is (including field) and Activities: correction Action eading to Chang ist all inspection | Level D n Taken: N/A ge in SOW on s by subject | r Finding of and specific | PA-EXT-2R, ed Horiba Fact: N/A ation location | | s of meeting and |
| Monthly syst Weekly syst Quality Cont Health and S Problems En Explain Dev Preparatory list of all atte | em samplinem monitor afety Levels countered/C elopments L (Inspection (Inspection (Inspection)) | ng (influent, efficing as (including field and Activities: correction Action eading to Chang ist all inspection | Level D n Taken: N/A ge in SOW on s by subject | r Finding of and specific | PA-EXT-2R, ed Horiba Fact: N/A ation location | | s of meeting and |
| Monthly syst Weekly syst Quality Cont Health and S Problems En Explain Dev Preparatory I list of all atte | em samplinem monitor afety Levels countered/C elopments L inspection (I endees): N/A uired submitter | ng (influent, efficing as (including field and Activities: correction Action eading to Chang ist all inspection | Level D n Taken: N/A ge in SOW on s by subject | r Finding of and specification been app | PA-EXT-2R, ed Horiba Fact: N/A ation location proved? Yes | | s of meeting and |
| Monthly syst Weekly syst Quality Cont Health and S Problems En Explain Dev Preparatory I list of all atte | em samplinem monitor afety Levels countered/C elopments L inspection (I endees): N/A uired submitter | ing (influent, efficing is (including field in and Activities: correction Action is all inspection is all inspection is all and samples is all and samples is all and samples is all inspection in a sample | Level D n Taken: N/A ge in SOW on s by subject | r Finding of and specification been app | PA-EXT-2R, ed Horiba Fact: N/A ation location proved? Yes | | s of meeting and |
| Monthly syst Weekly syst Quality Cont Health and S Problems En Explain Dev Preparatory list of all atte | em samplinem monitor afety Levels countered/C elopments L inspection (I endees): N/A uired submitter | ing (influent, efficing is (including field in and Activities: correction Action is all inspection is all inspection is all and samples is all and samples is all and samples is all inspection in a sample | Level D n Taken: N/A ge in SOW on s by subject | r Finding of and specification been app | PA-EXT-2R, ed Horiba Fact: N/A ation location proved? Yes | | s of meeting and |
| Monthly syst Weekly syst Quality Cont Health and S Problems En Explain Dev Preparatory I list of all atte Have all requ Do the mater | afety Levels countered/C elopments L (nspection (lendees): N/A uired submitted and equ | ng (influent, efficing as (including field and Activities: dorrection Action as all inspection at all and samples ipment to be use | Level D n Taken: N/A ge in SOW on s by subject s of construct | r Finding of and specification been appropriate of the submitted | PA-EXT-2R, ed Horiba Fact: N/A ation location proved? Yes tals? Yes | | s of meeting and |
| Monthly syst Weekly syst Quality Cont Health and S Problems En Explain Dev Preparatory I list of all atte Have all requ Do the mater | afety Levels countered/C elopments L (nspection (lendees): N/A uired submitted and equ | ing (influent, efficing is (including field in and Activities: correction Action is all inspection is all inspection is all and samples is all and samples is all and samples is all inspection in a sample | Level D n Taken: N/A ge in SOW on s by subject s of construct | r Finding of and specification been appropriate of the submitted | PA-EXT-2R, ed Horiba Fact: N/A ation location proved? Yes tals? Yes | | s of meeting and |
| Monthly syst Weekly syst Quality Cont Health and S Problems En Explain Dev Preparatory I list of all atte Have all requ Do the mater | afety Levels countered/Celopments Lengection (lendees): N/Aericals and equenting work | ing (influent, efficing as (including field and Activities: forrection Action are ading to Change ist all inspection are all in | Level D n Taken: N/A ge in SOW on s by subject s of construct ed conform to | r Finding of and specification been appropriate to the submitted completed? | PA-EXT-2R, ed Horiba Fact: N/A ation location proved? Yes tals? Yes | ; attach minute | |
| Monthly syst Weekly syst Quality Cont Health and S Problems En Explain Dev Preparatory I list of all atte Have all requ Do the mater | afety Levels countered/C elopments L (endees): N/A aired submittals and equation in a part of the countered | ing (influent, efficing as (including field and Activities: forrection Action are ading to Change ist all inspection are all in | Level D n Taken: N/A ge in SOW on s by subject s of construct ed conform to | r Finding of and specification been appropriate to the submitted completed? | PA-EXT-2R, ed Horiba Fact: N/A ation location proved? Yes tals? Yes | ; attach minute | s of meeting and |

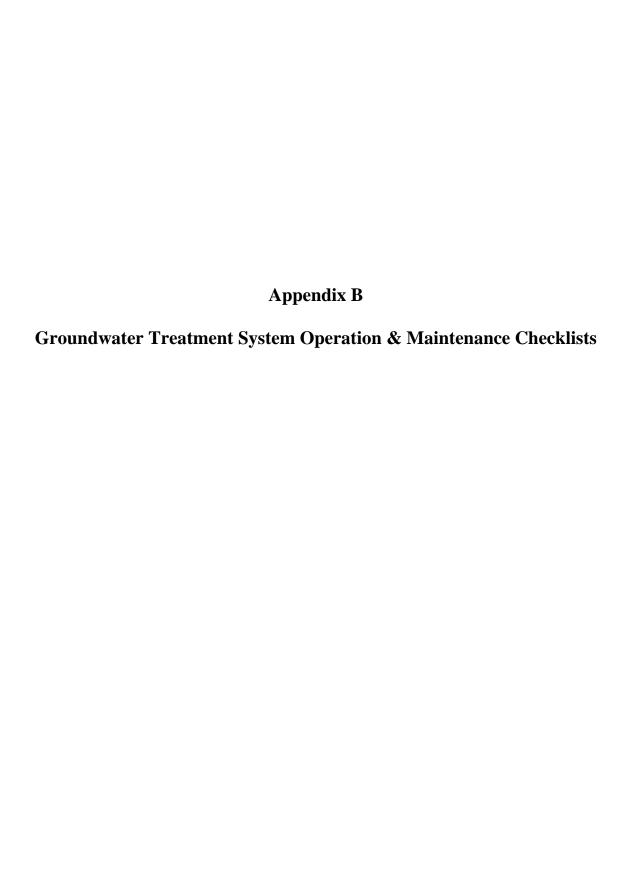
| | DAILY QUALITY CONTROL REPORT |
|---------------------------------|--|
| Site Name and | Location: Stanton Cleaners Site (LTRA) – Great Neck, NY |
| Client: ECC | Contract No: 5442-001-001 |
| Contractor: | Earth Tech, Inc. |
| Address: | 7870 Villa Park Drive, Suite 400 |
| | Richmond, Virginia 23228 |
| Phone No.: | (804) 515-8300 |
| Date: 8/16/05 | Earth Tech Project No.: 70536 |
| | |
| Has a phase has | azard analysis been performed? Included in the Site Specific Health & Safety Plan |
| | |
| Comments and | d deficiencies noted and corrective actions taken: Explained in work performed section. |
| | |
| | on: List all inspections by subject and specification location. Comment and/or deficiencies noted actions taken. |
| Explained in w | ork performed section. |
| | |
| | pection: List all inspections by subject and specification location. Comment and/or deficiencies |
| noted and corr | rective actions taken. |
| | |
| Special Notes: restarted aro | System was shut down over the weekend probably due to short power outage. It was und 8AM. |
| | |
| | |
| | |
| | |
| Tomorrow's E | Expectations: |
| Weekly system | m monitoring |
| Bi-weekly air i | monitoring |
| | |
| | |
| | |
| By: Rob Derri | ck Title: Environmental Scientist |
| Signature: | (Quality Control Representative/Manager) |
| | |
| The above rep | ort is complete and correct. All materials and equipment used and all work performed during this |
| reporting perio | od are in compliance with the contract specifications and submittals, except as noted above. |
| Signature: | (Contractor's Authorized Representative) |
| | |

| Site Name and Location: Stanton Cleaners Site (LTRA) - Great Neck, NY Client: ECC | S |
|--|-------------|
| Contractor: Earth Tech, Inc. Address: 7870 Villa Park Drive, Suite 400 Richmond, Virginia 23228 Phone No.: (804) 515-8300 Date: 8/24/05 Day S M T W T F Weather SUNNY Temp. 85° Wind 10-15 Humidity 50% | S |
| Address: 7870 Villa Park Drive, Suite 400 Richmond, Virginia 23228 Phone No.: (804) 515-8300 Date: 8/24/05 Day S M T W T F Weather SUNNY Temp. Wind 10-15 Humidity Temp. 10-15 | S |
| Richmond, Virginia 23228 Phone No.: (804) 515-8300 Earth Tech Project No.: 70536 Date: 8/24/05 | S |
| Phone No.: (804) 515-8300 Date: 8/24/05 Earth Tech Project No.: 70536 Day S M T W T F Weather SUNNY | S |
| Date: 8/24/05 Earth Tech Project No.: 70536 Day S M T W T F Weather SUNNY SUNNY SUNNY Included the state of the sta | S |
| Day S M T W T F Weather SUNNY SUNN | S |
| Weather SUNNY Temp. 85° Wind 10-15 Humidity 50% | S |
| Temp. 85° Wind 10-15 Humidity 50% | |
| Wind 10-15 Humidity 50% | |
| Humidity 50% | |
| | |
| Earth Tech Personnel On-Site: Rob Derrick | |
| | |
| | |
| Subcontractor (include names & responsibilities): N/A | |
| · · · · · · · · · · · · · · · · · · · | |
| Contract Materials and Equipment on site: PID, VelociCalc, pump, F-150 | |
| Contract Waterians and Equipment on site. 11D, velocicale, pump, 1-130 | |
| | |
| | |
| | - |
| Work Performed (include sampling; list by NAS number if applicable): | |
| Bi-weekly air monitoring | |
| Weekly system monitoring | |
| Quality Control Activities (including field calibrations): fresh-air calibrated PID | |
| Quality Control Flori (including field cultofations); it con an cultofation 122 | |
| | |
| | |
| Health and Safety Levels and Activities: Level D | |
| Problems Encountered/Correction Action Taken: N/A | |
| 1 Toblems Encountered/Correction Action Taken. 14/A | |
| Explain Developments Leading to Change in SOW or Finding of Fact: N/A | |
| | mosting and |
| Preparatory Inspection (list all inspections by subject and specification location; attach minutes of i | meeting and |
| list of all attendees): N/A | |
| | |
| Have all required submittals and samples of construction been approved? Yes | |
| | |
| Do the materials and equipment to be used conform to the submittals? Yes | |
| | |
| | |
| Has all preliminary work been inspected, tested, and completed? Yes | |
| · · · · · · · · · · · · · · · · · · · | |
| Test required and inspection techniques to be executed to prove contract compliance (include both | expected an |
| actual results): N/A | 1 |
| www.100mm.j. 17/1 1 | |

| | DAILY QUALITY CONTROL REPORT |
|-----------------|---|
| Site Name and | l Location: Stanton Cleaners Site (LTRA) – Great Neck, NY |
| Client: ECC | Contract No: 5442-001-001 |
| Contractor: | Earth Tech, Inc. |
| Address: | 7870 Villa Park Drive, Suite 400 |
| | Richmond, Virginia 23228 |
| Phone No.: | (804) 515-8300 |
| Date: 8/24/05 | Earth Tech Project No.: 70536 |
| | |
| Has a phase ha | azard analysis been performed? Included in the Site Specific Health & Safety Plan |
| Comments and | d deficiencies noted and corrective actions taken: Explained in work performed section. |
| Comments and | deficiencies noted and corrective actions taken. Explained in work performed section. |
| | ion: List all inspections by subject and specification location. Comment and/or deficiencies noted actions taken. |
| Explained in w | vork performed section. |
| | |
| | pection: List all inspections by subject and specification location. Comment and/or deficiencies rective actions taken. |
| | |
| Special Notes: | none |
| | |
| | |
| | |
| | |
| Tomorrow's E | * |
| | m monitoring |
| Bi-weekly air i | monitoring |
| | |
| | |
| D D-1- D | Tidle Facility and 1 Colombia |
| By: Rob Derri | |
| Signature: | (Quality Control Representative/Manager) |
| The above ren | ort is complete and correct. All materials and equipment used and all work performed during this |
| | od are in compliance with the contract specifications and submittals, except as noted above. |
| Signature: | (Contractor's Authorized Representative) |
| Signature. | (Contractor o Frantofized Representative) |

| | | | | Y CONTRO | | RT | |
|---|---|--------------------|---------------|------------------|--|-------------------|-------------------|
| | Site Name and Location: Stanton Cleaners Site (LTRA) – Great Neck, NY | | | | | | |
| Client: ECC | | | | Contract | No: 5442-00 | 01-001 | |
| Contractor: | Earth Tec | | | | | | |
| Address: | | a Park Drive, Su | | | | | |
| Dhone No. | | l, Virginia 2322 | 8 | | | | |
| Phone No.: (804) 515-8300 Date: 8/29/05 Earth Tech Project No.: 70536 | | | | | | | |
| Date: 8/29/0. | S | M | T | W | T Toject | F | S |
| Weather | S | CLOUDY | 1 | | 1 | r | B |
| Temp. | | 82° | | | | | |
| Wind | | NONE | | | | | |
| Humidity | | NONE | | | | | |
| | ersonnel On | Site: Ismas K | Jarne Fra | nk Mahaleki | Rob Derric | k, Leslee Alexa | nder |
| Russ Reyno | | | carns, rra | ilik Maliaiski, | , Rob Dellie | K, Lesice Alexa | muci, |
| | | ames & respons | ihilities). N | Ι/Δ | | | |
| Subcontracto | i (merade n | arres & respons. | ionnics). 1 | (/ A | | | |
| Contract Mat | terials and F | quinment on site | e PID Va | lociCalc num | n F-150 Fc | ord Explorer, M | Tini_vanc(2) |
| | | es(Grundfos pu | | | <u>* / / / / / / / / / / / / / / / / / / /</u> | nu Explorer, w | 11111-vans(2), |
| water samp | ning suppire | es(Grunatos pu | mps, grove | es, potties, via | is etc.) | | |
| | | | | | | | |
| Warls Darfar | ad (in also d | | har NIAC ann | mbonifonnii | ahla). | | |
| | , | e sampling; list l | by NAS nu | mber ii appiic | able): | | |
| Weekly O& | w; water | sampling | | | | | |
| 0 11 0 4 | 1 A | (' 1 1' C' 1 | 1 11 4 | | | | |
| Quality Control Activities (including field calibrations): | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| II1411 C | 1 | 1 A . 4: | II D | | | | |
| | | and Activities: | | / A | | | |
| Problems En | countered/C | orrection Action | 1 Taken: N | /A | | | |
| Evplain Day | elonmanta I | eading to Chang | te in SOW | or Finding of | Fact: N/A | | |
| | | | | | | n attach minutes | s of meeting and |
| list of all atte | <u> </u> | | is by subjec | and specific | ation location | i, attach minutes | s of meeting and |
| iist of all atte | iluees). IN/A | <u>.</u> | | | | | |
| Unyo all rogu | irod submit | tals and samples | of constru | ation boon and | royad? Vag | | |
| Trave an requ | ineu subiiit | tais and samples | or constru | ction been app | proved: 1es | | |
| Do the materials and equipment to be used conform to the submittals? Yes | | | | | | | |
| Do the mater | iais and equ | ipinent to be use | ca comorm | to the submit | tais: ICs | | |
| | | | | | | | |
| Has all prelin | ninary work | been inspected, | , tested, and | d completed? | Yes | | |
| Test required | l and inspect | tion techniques t | o he evecu | ted to prove co | ontract comp | liance (include k | ooth expected and |
| actual results | | non teeninques t | o oc execu | ica to prove co | omaci comp | mance (menude t | om expected allu |
| actual results |), 1 1 / F 1 | | | | | | |

| Site Name and Location: Stanton Cleaners Site (LTRA) – Great Neck, NY Client: ECC Contract No: 5442-001-001 Contractor: Earth Tech, Inc. Address: 7870 Villa Park Drive, Suite 400 Richmond, Virginia 23228 Phone No.: (804) 515-8300 Date: 8/29/05 Earth Tech Project No.: 70536 Has a phase hazard analysis been performed? Included in the Site Specific Health & Safety Plan | | | |
|--|--|--|--|
| Contractor: Earth Tech, Inc. Address: 7870 Villa Park Drive, Suite 400 Richmond, Virginia 23228 Phone No.: (804) 515-8300 Date: 8/29/05 Earth Tech Project No.: 70536 | | | |
| Address: 7870 Villa Park Drive, Suite 400 Richmond, Virginia 23228 Phone No.: (804) 515-8300 Date: 8/29/05 Earth Tech Project No.: 70536 | | | |
| Richmond, Virginia 23228 Phone No.: (804) 515-8300 Date: 8/29/05 Earth Tech Project No.: 70536 | | | |
| Phone No.: (804) 515-8300 Date: 8/29/05 Earth Tech Project No.: 70536 | | | |
| Date: 8/29/05 Earth Tech Project No.: 70536 | | | |
| | | | |
| Has a phase hazard analysis been performed? Included in the Site Specific Health & Safety Plan | | | |
| Has a phase hazard analysis been performed? Included in the Site Specific Health & Safety Plan | | | |
| | | | |
| | | | |
| Comments and deficiencies noted and corrective actions taken: Explained in work performed section. | | | |
| | | | |
| Initial Inspection: List all inspections by subject and specification location. Comment and/or deficiencies noted | | | |
| and corrective actions taken. | | | |
| Explained in work performed section. | | | |
| | | | |
| Follow-up Inspection: List all inspections by subject and specification location. Comment and/or deficiencies | | | |
| noted and corrective actions taken. | | | |
| Cassial Notes, many | | | |
| Special Notes: none | | | |
| | | | |
| | | | |
| | | | |
| Tomorrow's Evenostations. | | | |
| Tomorrow's Expectations: | | | |
| Continuation of water sampling; cleaning equipment | | | |
| | | | |
| | | | |
| | | | |
| By: Frank Mahalski Title: Environmental Scientist | | | |
| | | | |
| Signature: (Quality Control Representative/Manager) | | | |
| The share was at its assumed to the same of A11 made with a same of and a11 made was formed devices 41 in | | | |
| The above report is complete and correct. All materials and equipment used and all work performed during this | | | |
| reporting period are in compliance with the contract specifications and submittals, except as noted above. | | | |
| Signature: (Contractor's Authorized Representative) | | | |



STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE OPERATION AND MAINTENANCE 8-02-05

| l. | A. Is any part of the system leaking? YES If so, list where. | √ NO | |
|----|--|-------------|----------------------|
| | B. Is there water on the floor? √YES NO If so, list where. A little water on the floor near the air stripper | | |
| | | , | NO |
| | C. Are all three (3) floor sump level switches in place | e? √YES | NO |
| | D. Is there any evidence of water in any of these floo Note: If water is present, remove with shop vac or pa | | S √NO |
| | A. Display screen on computer will either show systeger to show screen. If only the desktop is showing with the taskbar at the bottom of the screen. | | |
| | B. From the site display, monitor and record the follows | owing. | |
| | 1. Recovery Well EPA-EXT-02 flow ¹ | 19 G | PM |
| | 2. Recovery Well EPA-EXT-02 valve open | 100 | % |
| | 3. Recovery Well EPA-EXT-4R flow | 35 GP | M |
| | 4. Recovery Well EPA-EXT-4R valve open | 40 | % |
| | 5. Recovery Well pH | 6.8 | pH |
| | 6. Recovery Well conductivity | 55 | cond |
| | 7. Air Stripper pH | 7.4 | рН |
| | 8. Air Stripper temperature | 158 | deg. F |
| | 9. Air Stripper air flow | 135 | CFM |
| | 10. Pre-vapor carbon pressure | 0"v | vc (inches of water) |
| | 11. Post carbon air flow | 1138 | _ CFM |
| | 12. Discharge conductivity | 119 | micromhos |
| | 13. Discharge pH | 7.7 | pH |
| | 14. Discharge flow | 72 | GPM |
| | 15. Discharge total gallons | 100,984,936 | Gal |
| | 16. SVE inlet vacuum | 4 | "Hg |

¹ Wells EPA-EXT-02 and MW-24 wells are manifolded together in the field and are piped into the treatment building together. The EPA-EXT-02 water flow meter is therefore actually displaying and totalizing the output of both wells.

| | 19. SVE air flow | 76 | CFM |
|----|--|------------|--------|
| | C. From the treatment room, monitor and record the | following. | |
| | 1. Recovery Well EPA-EXT-02 total flow | 249100 | _ Gal |
| | 2. Recovery Well EPA-EXT-4R total flow | 5962800 | Gal |
| | 3. Recovery Well pH | 6.80 | Ph |
| | 4. Recovery Well conductivity | 0.57 | cond |
| | 5. Air Stripper pH | 7.44 | pH |
| | 6. Air Stripper temperature | 15.7 | deg. F |
| | 7. Air Stripper Pump water flow | 60 | GPM |
| | 8. Air Stripper Pump pressure | 32 | PSI |
| | 9. Discharge conductivity | 1.13 | _ cond |
| | 10. Discharge pH | 7.77 | pH |
| | 11. SVE inlet vacuum (digital readout) | 02.2 | "Hg |
| | 12. SVE inlet vacuum | 4.5 | "Hg |
| | 13. SVE post knockout vacuum | 5.8 | "Hg |
| 3. | A. If time allows, check to see that the treatment sys | , ,, | • |

Notes:

STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE OPERATION AND MAINTENANCE 8-09-05

screen

| 1. | A. Is any part of the system leaking? YES If so, list where. | √ NO | |
|----|--|---|--|
| | B. Is there water on the floor? $\sqrt{\text{YES}}$ NO If so, list where. Near aqueous carbon vessels. | | |
| | C. Are all three (3) floor sump level switches in place | ? √YES | NO |
| | D. Is there any evidence of water in any of these floor Note: If water is present, remove with shop vac or pap | | √NO |
| | A. Display screen on computer will either show system ger to show screen. If only the desktop is showing with the taskbar at the bottom of the screen. | m or screen saver. If sc no system screen, click | reen saver is on, tap screen the Lookout – (Stanton) |
| | B. From the site display, monitor and record the follow | wing. | |
| | 1. Recovery Well EPA-EXT-02 flow ¹ | 19 GPM | 1 |
| | 2. Recovery Well EPA-EXT-02 valve open | 100 | _ % |
| | 3. Recovery Well EPA-EXT-4R flow | 37 GPM | |
| | 4. Recovery Well EPA-EXT-4R valve open | 40 | % |
| | 5. Recovery Well pH | 6.8 | pH |
| | 6. Recovery Well conductivity | 56 | cond |
| | 7. Air Stripper pH | 7.9 | pH |
| | 8. Air Stripper temperature | 158 | _ deg. F |
| | 9. Air Stripper air flow | 367 | _ CFM |
| | 10. Pre-vapor carbon pressure | 0"wc | (inches of water) |
| | 11. Post carbon air flow | 2300 | CFM |
| | 12. Discharge conductivity | 121 | micromhos |
| | 13. Discharge pH | 8.2 | ₋ pH |
| | 14. Discharge flow | 66 | GPM |
| | 15. Discharge total gallons | 101,587,112 | Gal |
| | 16. SVE inlet vacuum | 4 " | Hg |

¹ Wells EPA-EXT-02 and MW-24 wells are manifolded together in the field and are piped into the treatment building together. The EPA-EXT-02 water flow meter is therefore actually displaying and totalizing the output of both wells.

| 19. SVE air flow | 82 | CFM | | |
|---|------------|--------|--|--|
| C. From the treatment room, monitor and record the following. | | | | |
| 1. Recovery Well EPA-EXT-02 total flow | 621,500 | _ Gal | | |
| 2. Recovery Well EPA-EXT-4R total flow | 6,161,100_ | Gal | | |
| 3. Recovery Well pH | 6.80 | Ph | | |
| 4. Recovery Well conductivity | 0.57 | cond | | |
| 5. Air Stripper pH | 8.00 | pH | | |
| 6. Air Stripper temperature | 15.8 | deg. F | | |
| 7. Air Stripper Pump water flow | 550 | GPM | | |
| 8. Air Stripper Pump pressure | 33 | PSI | | |
| 9. Discharge conductivity | 1.14 | cond | | |
| 10. Discharge pH | 8.20 | pH | | |
| 11. SVE inlet vacuum (digital readout) | 0.22 | "Hg | | |
| 12. SVE inlet vacuum | 4.5 | "Hg | | |
| 13. SVE post knockout vacuum | 6 | _"Hg | | |
| | | | | |

3. A. If time allows, check to see that the treatment system is cycling properly as described in STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE O&M Manual.

Notes:

STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE OPERATION AND MAINTENANCE 8-15-05

| l. | A. Is any part of the system leaking? YES If so, list where | √NO | |
|----|--|--------------|-------------------|
| | B. Is there water on the floor? $\sqrt{\text{YES}}$ NO If so, list where. Some at base of air stripper. | | |
| | C. Are all three (3) floor sump level switches in place | e? √YES | NO |
| | D. Is there any evidence of water in any of these floor Note: If water is present, remove with shop vac or pa | | √NO |
| | A. Display screen on computer will either show systeger to show screen. If only the desktop is showing with the taskbar at the bottom of the screen. | | |
| | B. From the site display, monitor and record the follow | owing. | |
| | 1. Recovery Well EPA-EXT-02 flow ¹ | 19 GPN | M |
| | 2. Recovery Well EPA-EXT-02 valve open | 100 | % |
| | 3. Recovery Well EPA-EXT-4R flow | 38 GPM | |
| | 4. Recovery Well EPA-EXT-4R valve open | 40 | _ % |
| | 5. Recovery Well pH | 6.8 | _ pH |
| | 6. Recovery Well conductivity | 55 | _ cond |
| | 7. Air Stripper pH | 7.9 | _ pH |
| | 8. Air Stripper temperature | 159 | _ deg. F |
| | 9. Air Stripper air flow | 350 | _ CFM |
| | 10. Pre-vapor carbon pressure | 4"wc | (inches of water) |
| | 11. Post carbon air flow | 2500 | CFM |
| | 12. Discharge conductivity | 125 | _ micromhos |
| | 13. Discharge pH | 7.9 | _ pH |
| | 14. Discharge flow | 65 | GPM |
| | 15. Discharge total gallons | 102,207,035_ | Gal |
| | 16. SVE inlet vacuum | 4 | "Hg |

¹ Wells EPA-EXT-02 and MW-24 wells are manifolded together in the field and are piped into the treatment building together. The EPA-EXT-02 water flow meter is therefore actually displaying and totalizing the output of both wells.

| 19. SVE air flow | 72 | CFM | | |
|---|------------|--------|--|--|
| C. From the treatment room, monitor and record the following. | | | | |
| 1. Recovery Well EPA-EXT-02 total flow | 912,700 | _ Gal | | |
| 2. Recovery Well EPA-EXT-4R total flow | 6,316,600_ | Gal | | |
| 3. Recovery Well pH | 6.18 | Ph | | |
| 4. Recovery Well conductivity | 0.57 | cond | | |
| 5. Air Stripper pH | 7.97 | pH | | |
| 6. Air Stripper temperature | 15.8 | deg. C | | |
| 7. Air Stripper Pump water flow | 550 | GPM | | |
| 8. Air Stripper Pump pressure | 34 | PSI | | |
| 9. Discharge conductivity | 1.14 | cond | | |
| 10. Discharge pH | 7.98 | pH | | |
| 11. SVE inlet vacuum (digital readout) | 02.2 | "Hg | | |
| 12. SVE inlet vacuum | 4.0 | "Hg | | |
| 13. SVE post knockout vacuum | 5.0 | "Hg | | |
| | | | | |

3. A. If time allows, check to see that the treatment system is cycling properly as described in STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE O&M Manual.

Notes:

STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE OPERATION AND MAINTENANCE 8-24-05

| l. | A. Is any part of the system leaking? YES If so, list where | √NO | _ |
|----|--|----------------|---------------|
| | B. Is there water on the floor? YES \sqrt{NO} If so, list where. | | |
| | C. Are all three (3) floor sump level switches in place | e? √YES | NO |
| | D. Is there any evidence of water in any of these floo Note: If water is present, remove with shop vac or pa | | √NO |
| | A. Display screen on computer will either show systeger to show screen. If only the desktop is showing with the taskbar at the bottom of the screen. | | |
| | B. From the site display, monitor and record the follows | owing. | |
| | 1. Recovery Well EPA-EXT-02 flow ¹ | 37 GPM | |
| | 2. Recovery Well EPA-EXT-02 valve open | 40% | |
| | 3. Recovery Well EPA-EXT-4R flow | 19 GPM | |
| | 4. Recovery Well EPA-EXT-4R valve open | 100% | |
| | 5. Recovery Well pH | 6.8p | Н |
| | 6. Recovery Well conductivity | 56 con | d |
| | 7. Air Stripper pH | pH | |
| | 8. Air Stripper temperature | 155 deg | g. F |
| | 9. Air Stripper air flow | 366CF | M |
| | 10. Pre-vapor carbon pressure | 0"we (inc | hes of water) |
| | 11. Post carbon air flow | 2447 CFM | 1 |
| | 12. Discharge conductivity | 118 micro | omhos |
| | 13. Discharge pH | | |
| | 14. Discharge flow | 60 GPN | Л |
| | 15. Discharge total gallons | _102870783 Gal | |
| | 16. SVE inlet vacuum | 4"H | g |
| | 19 SVF air flow | 75 C | FM |

¹ Wells EPA-EXT-02 and MW-24 wells are manifolded together in the field and are piped into the treatment building together. The EPA-EXT-02 water flow meter is therefore actually displaying and totalizing the output of both wells.

| C. From the treatment room, monitor and record the following. | | | |
|---|--------------------|-------------------|--|
| 1. Recovery Well EPA-EXT-02 total flow | _1398400 | Gal | |
| 2. Recovery Well EPA-EXT-4R total flow | 6576500 | Gal | |
| 3. Recovery Well pH | 6.81 | Ph | |
| 4. Recovery Well conductivity | 0.57 | cond | |
| 5. Air Stripper pH | 8.05_ | pH | |
| 6. Air Stripper temperature | 15.6_ | deg. F | |
| 7. Air Stripper Pump water flow | 60 | GPM | |
| 8. Air Stripper Pump pressure | 30 | PSI | |
| 9. Discharge conductivity | 1.10 | cond | |
| 10. Discharge pH | 8.25 | pH | |
| 11. SVE inlet vacuum (digital readout) | 2.2 | "Hg | |
| 12. SVE inlet vacuum | 4.5 | "Hg | |
| 13. SVE post knockout vacuum | 6 | "Hg | |
| A. If time allows, check to see that the treatment syst | em is cycling proj | perly as describe | |

3. ed in STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE O&M Manual.

Notes:

STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE OPERATION AND MAINTENANCE 8-29-05

| 1. | A. Is any part of the system leaking? YES If so, list where | √NO | _ |
|----|---|----------------|----------------|
| | B. Is there water on the floor? YES \sqrt{NO} If so, list where. | | |
| | C. Are all three (3) floor sump level switches in place | e? √YES | NO |
| | D. Is there any evidence of water in any of these floor Note: If water is present, remove with shop vac or pa | | √NO |
| | A. Display screen on computer will either show syste ger to show screen. If only the desktop is showing with the taskbar at the bottom of the screen. | | |
| | B. From the site display, monitor and record the follo | wing. | |
| | 1. Recovery Well EPA-EXT-02 flow ¹ | 19 GPM | |
| | 2. Recovery Well EPA-EXT-02 valve open | 100 | % |
| | 3. Recovery Well EPA-EXT-4R flow | 36 GPM | |
| | 4. Recovery Well EPA-EXT-4R valve open | 40% | |
| | 5. Recovery Well pH | 8.8I | bΗ |
| | 6. Recovery Well conductivity | 56 cor | nd |
| | 7. Air Stripper pH | | |
| | 8. Air Stripper temperature | 159 de | g. F |
| | 9. Air Stripper air flow | 397 CF | FM |
| | 10. Pre-vapor carbon pressure | 0"we (inc | ches of water) |
| | 11. Post carbon air flow | 2554 CFI | M |
| | 12. Discharge conductivity | 123 micro | omhos |
| | 13. Discharge pH | 8.2 pH | |
| | 14. Discharge flow | 60 GPI | M |
| | 15. Discharge total gallons | _103300747 Gal | |
| | 16. SVE inlet vacuum | 4"H | [g |
| | 19. SVE air flow | 86C | FM |

Wells EPA-EXT-02 and MW-24 wells are manifolded together in the field and are piped into the treatment building together. The EPA-EXT-02 water flow meter is therefore actually displaying and totalizing the output of both wells.

| 1. Recovery Well EPA-EXT | -02 total flow | _1659500 | Gal |
|------------------------------|----------------|----------|--------|
| 2. Recovery Well EPA-EXT | -4R total flow | 6716700 | Gal |
| 3. Recovery Well pH | | 6.85 | Ph |
| 4. Recovery Well conductiv | ity | 0.58 | cond |
| 5. Air Stripper pH | | 8.09 | pH |
| 6. Air Stripper temperature | | 15.96_ | deg. F |
| 7. Air Stripper Pump water f | low | 550 | GPM |
| 8. Air Stripper Pump pressur | e | 35 | PSI |
| 9. Discharge conductivity | | 1.15 | cond |
| 10. Discharge pH | | 8.27 | pH |
| 11. SVE inlet vacuum (digita | al readout) | 2.1 | "Hg |
| 12. SVE inlet vacuum | | 5.5 | "Hg |
| 13. SVE post knockout vacu | um | 7 | "Hg |
| A ICC 11 | | | 1 1 1 |

C. From the treatment room, monitor and record the following.

3. A. If time allows, check to see that the treatment system is cycling properly as described in STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE O&M Manual.

Notes:

Appendix C

Groundwater Treatment System Downloaded Operational Data

| Stanton C | | undwater C | ontaminatio | on Site - A | August 20 | 05 - Site Opera | | | | | | | | • | |
|---|--------------------|--------------------|--------------------|---------------|---------------|---------------------|--------------------------|-----------------------|-------------------|-----------------------|--------------------|----------------------------|--------------------------|-----------------------------|-----------------|
| | Recovery Well 1 | Recovery Well 2 | Recovery Well 3 | Discharge | Discharge | Influent water | Influent conductivity | Effluent conductivity | Influent water | Air Stripper water | Discharge water | Total gallons discharged | Air Stripper Air Flow | Combined Discharge Air Flow | SVE Air Flow |
| | Flow (GPM) | Flow (GPM) | Flow (GPM) | Flow (GPM) | Flow (CFM) | Temperature (deg F) | | | pH | pH | pH | | | | |
| 8/1/2005 0:00 | 19 | 0 | 36 | 69 | 1136 | 156 | 55 | 117 | 6.8 | 7.5 | 7.8 | 100871033.5 | 127 | 1136 | 76 |
| 8/1/2005 4:00 8/1/2005 8:00 | 19 | 0 | 36 37 | 68 | 1065 | 156 156 | 55 54 | 117 | 6.8 | 7.5 | 7.8 | 100885609.5 | 110 | 1065 | 75 87 |
| 8/1/2005 8:00 8/1/2005 12:00 | 19 19 | 0 | 37 36 | 66 | 1094 961 | 156 157 | 54 55 | 117 | 6.8 | 7.4 | 7.8 7.8 | 100899939.3 100914360.5 | 150 109 | 1094 961 | 87 82 |
| 8/1/2005 16:00 | 19 | 0 | 36 | 66 | 991 | 157 | 55 | 120 | 6.8 | 7.4 | 7.8 | 100928789.3 | 118 | 991 | 75 |
| 8/1/2005 20:00 | 19 | 0 | 38 | 66 | 1104 | 156 | 55 | 118 | 6.8 | 7.4 | 7.8 | 100943087.5 | 132 | 1104 | 75 |
| 8/2/2005 0:00 | 19 | 0 | 38 | 65 | 991 | 157 | 54 | 118 | 6.8 | 7.4 | 7.8 | 100957642.3 | 84 | 991 | 76 |
| 8/2/2005 4:00 8/2/2005 8:00 | 19 19 | 0 | 36 | 70 | 991 1062 | 157 157 | 55 55 | 119 119 | 6.8 | 7.4 7.4 | 7.7 | 100971982.7 100986528.4 | 87 82 | 991 1062 | 72 66 |
| 8/2/2005 8:00 | 19 | 0 | 38 36 | 70 65 | 2608 | 157 | 55 | 119 | 6.8 | 7.4 | 7.7 | 1010986328.4 | 366 | 2608 | 75 |
| 8/2/2005 16:00 | 19 | 0 | 35 | 57 | 1741 | 158 | 56 | 120 | 6.8 | 8 | 8 | 101015272.6 | 178 | 1741 | 73 |
| 8/2/2005 20:00 | 19 | 0 | 37 | 65 | 2518 | 159 | 56 | 122 | 6.8 | 8 | 8 | 101029610.6 | 342 | 2518 | 74 |
| 8/3/2005 0:00 | 19 | 0 | 37 | 66 | 2155 | 159 | 55 | 121 | 6.8 | 8 | 8 | 101043856.9 | 300 | 2155 | 69 |
| 8/3/2005 4:00 8/3/2005 8:00 | 19 19 | 0 | 37 36 | 67 66 | 2254 2300 | 158 158 | 54 55 | 120 120 | 6.8 | 7.9 7.9 | 8 | 101058367.9 101072590.3 | 326 326 | 2254 2300 | 75 76 |
| 8/3/2005 12:00 | 19 | 0 | 37 | 69 | 2111 | 158 | 55 | 120 | 6.8 | 8 | 8.1 | 101072590.5 | 326 291 | 2300 | 70 |
| 8/3/2005 16:00 | 19 | 0 | 38 | 64 | 2035 | 158 | 56 | 122 | 6.8 | 8 | 8.2 | 101101180.6 | 291 | 2035 | 74 |
| 8/3/2005 20:00 | 19 | 0 | 37 | 66 | 2157 | 158 | 56 | 121 | 6.8 | 8 | 8.2 | 101115600.2 | 330 | 2157 | 69 |
| 8/4/2005 0:00 | 19 | 0 | 37 | 66 | 2157 | 158 | 55 | 120 | 6.8 | 8 | 8.1 | 101129798 | 290 | 2157 | 76 |
| 8/4/2005 4:00 8/4/2005 8:00 | 19 19 | 0 | 37 37 | 65 8 | 2183 2160 | 158 158 | 55 55 | 120 121 | 6.8 | 7.9 | 8.1 8.1 | 101144270.4 101158707.5 | 308 322 | 2183 2160 | 86 |
| 8/4/2005 8:00 8/4/2005 12:00 | 19 | 0 | 37 | 67 | 2160 | 158 | 55 | 121 | 6.8 | 8 | 8.1 8.2 | 101158/07.5 | 322 | 2157 | 69 |
| 8/4/2005 16:00 | 19 | 0 | 35 | 67 | 2307 | 158 | 56 | 121 | 6.8 | 8 | 8.2 | 101172924.4 | 303 | 2307 | 70 |
| 8/4/2005 20:00 | 19 | 0 | 36 | 69 | 2035 | 159 | 55 | 122 | 6.8 | 8 | 8.2 | 101201751.8 | 323 | 2035 | 76 |
| 8/5/2005 0:00 | 19 | 0 | 38 | 68 | 2155 | 159 | 55 | 122 | 6.8 | 8 | 8.2 | 101215925.3 | 273 | 2155 | 73 |
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| 8/6/2005 0:00 | 19 | 0 | 38 | 65 | 2157 | 158 | 55 | 120 | 6.8 | 8 | 8.2 | 101302211.3 | 338 | 2157 | 69 |
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| 8/6/2005 20:00 | 19 | 0 | 37 | 64 | 1881 | 157 | 55 | 119 | 6.8 | 8 | 8.2 | 101373896.9 | 358 | 1881 | 80 |
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| 8/12/2005 0:00 | 19 | 0 | 36 | 64 | 2396 | 159 | 56 | 123 | 6.8 | 7.9 | 8.2 | 101818982.6 | 374 | 2396 | 65 |
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| Trigger | 8/15/2005 4:00 | 0 | 0 | 0 | 0 | 18 | 159 | 61 | 136 | 6.7 | 7.9 | 8.1 | 102068836.9 | 29 | 18 | 25 |
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| \$\frac{1}{100} \text{Figure 1}{100} Figure | 8/19/2005 12:00 | 19 | 0 | 38 | 63 | 2447 | 158 | 55 | 119 | 6.8 | 8 | 8.2 | 102430662.2 | 399 | 2447 | 77 |
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| ## ## ## ## ## ## ## ## ## ## ## ## ## | 8/22/2005 0:00 | 19 | 0 | 36 | 66 | 2601 | 158 | 56 | 121 | 6.8 | 8 | 8.2 | 102646425.4 | 399 | 2601 | 75 |
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| \$27005 2000 | | | 0 | | | | | | | | 8 | | | | | |
| 8/27/2005 0.00 19 0 37 65 2553 157 56 118 6.8 8 8.2 103076530.5 402 2553 82 827/2005 400 19 0 37 61 2502 156 55 119 6.8 8 8.2 10396897.9 382 2502 75 827/2005 1600 19 0 35 63 2553 157 56 118 6.8 8 8.2 10396897.9 382 2533 78 78 827/2005 1200 19 0 38 62 2533 157 56 119 6.8 8 8.2 103199319 413 2533 70 827/2005 1600 19 0 38 65 2447 157 56 120 6.8 8 8.2 103139945.7 382 2447 76 827/2005 1600 19 0 35 64 2546 158 56 120 6. | | | | | | | | | | | | | | | | |
| 827,2005 400 19 0 37 61 2502 156 55 119 6.8 8 8.2 103088979 382 2502 75 827,2005 800 19 0 35 63 2553 157 56 118 6.8 7.9 8.2 1031052459 383 2553 78 827,2005 1200 19 0 38 62 2533 157 56 119 6.8 8 8.2 1031052459 343 2553 70 827,2005 1200 19 0 38 62 2533 157 56 120 6.8 8 8.2 103105245 382 2447 76 827,2005 1200 19 0 38 65 2447 157 56 120 6.8 8 8.2 103135445 382 2447 76 827,2005 1200 19 0 35 64 2546 158 56 120 6.8 8 8.2 103135445 382 2447 77 | | | 0 | 31 | | | | .00 | | | | | | | | |
| 827/2005 8:00 19 0 35 63 2553 157 56 118 6.8 7.9 8.2 1031052459 383 2553 78 827/2005 12:00 19 0 38 62 2553 157 56 119 6.8 8 8.2 1031993.9 413 2553 70 19 10 19 0 38 65 2447 157 56 120 6.8 8 8.2 1031993.9 413 2553 70 19 19 0 35 65 2447 157 56 120 6.8 8 8.2 1031993.9 19 10 10 10 10 10 10 10 10 10 10 10 10 10 | | | 0 | 51 | | | | ob . | | | | | | | 2553 | |
| 827/200812:00 19 0 38 62 255 157 56 119 6.8 8 8.2 1031399457 413 2553 70 827/200816:00 19 0 38 65 2447 157 56 120 6.8 8 8.2 1031399457 382 24447 76 827/200810:00 19 0 35 64 2546 158 56 120 6.8 8 8.2 103134279.1 398 2546 77 | | | | | | | | | | | | | | | | |
| 8/27/2005 16:00 19 0 38 65 2447 157 56 120 6.8 8 8.2 10313945.7 382 2447 76 8/27/2005 20:00 19 0 35 64 2546 158 56 120 6.8 8 8.2 103148279.1 398 2546 77 | | 19 | 0 | 35 | 63 | | | 56 | | 6.8 | 7.9 | | | | | 78 |
| 8/27/2005 16:00 19 0 38 65 2447 157 56 120 6.8 8 8.2 10313945.7 382 2447 76 8/27/2005 20:00 19 0 35 64 2546 158 56 120 6.8 8 8.2 103148279.1 398 2546 77 | 8/27/2005 12:00 | 19 | 0 | 38 | | | 157 | 56 | 119 | | 8 | | 103119593.9 | | 2553 | 70 |
| 8/27/2005 20:00 19 0 35 64 2546 158 56 120 6.8 8 8.2 103148279.1 398 2546 77 | | 19 | 0 | 38 | 65 | 2447 | | 56 | 120 | 6.8 | 8 | 8.2 | 103133945.7 | 382 | 2447 | 76 |
| | 8/27/2005 20:00 | 19 | 0 | 35 | 64 | | 158 | 56 | 120 | 6.8 | 8 | 8.2 | | | | 77 |
| | 8/28/2005 0:00 | | 0 | | | 2555 | 158 | | | | | | 103162890 1 | | 2555 | |
| | 0/20/2005 0.00 | | | | | 2000 | 150 | 50 | 120 | 0.0 | | 0.2 | 10.7102070.1 | 701 | 2000 | 1 12 |

| 8/28/2005 4:00 | 20 | 0 | 35 | 65 | 2396 | 158 | 55 | 120 | 6.8 | 8 | 8.2 | 103177223.5 | 404 | 2396 | 80 |
|-----------------|----|---|----|----|------|-----|----|-----|-----|---|-----|-------------|-----|------|----|
| 8/28/2005 8:00 | 20 | 0 | 38 | 66 | 2505 | 158 | 55 | 121 | 6.8 | 8 | 8.2 | 103191558.2 | 337 | 2505 | 76 |
| 8/28/2005 12:00 | 19 | 0 | 39 | 64 | 2601 | 159 | 55 | 121 | 6.8 | 8 | 8.2 | 103205896.2 | 420 | 2601 | 80 |
| 8/28/2005 16:00 | 19 | 0 | 36 | 62 | 2396 | 159 | 55 | 122 | 6.8 | 8 | 8.2 | 103220204 | 397 | 2396 | 75 |
| 8/28/2005 20:00 | 19 | 0 | 36 | 64 | 2447 | 158 | 55 | 122 | 6.8 | 8 | 8.2 | 103234527.2 | 391 | 2447 | 79 |
| 8/29/2005 0:00 | 19 | 0 | 37 | 64 | 2396 | 158 | 55 | 121 | 6.8 | 8 | 8.2 | 103249110.8 | 444 | 2396 | 71 |
| 8/29/2005 4:00 | 19 | 0 | 37 | 64 | 2748 | 158 | 56 | 121 | 6.8 | 8 | 8.2 | 103263447 | 313 | 2748 | 70 |
| 8/29/2005 8:00 | 19 | 0 | 36 | 61 | 2507 | 159 | 56 | 121 | 6.8 | 8 | 8.2 | 103277779.6 | 389 | 2507 | 77 |
| 8/29/2005 12:00 | 19 | 0 | 35 | 60 | 2396 | 159 | 56 | 123 | 6.8 | 8 | 8.2 | 103292051.5 | 346 | 2396 | 70 |
| 8/29/2005 16:00 | 19 | 0 | 37 | 64 | 2396 | 159 | 36 | 122 | 6.8 | 8 | 8.2 | 103306527.6 | 373 | 2396 | 70 |
| 8/29/2005 20:00 | 19 | 0 | 37 | 65 | 2447 | 159 | 56 | 122 | 6.8 | 8 | 8.2 | 103320818 | 445 | 2447 | 69 |
| 8/30/2005 0:00 | 19 | 0 | 35 | 64 | 2447 | 159 | 56 | 122 | 6.8 | 8 | 8.2 | 103335312.8 | 374 | 2447 | 75 |
| 8/30/2005 4:00 | 20 | 0 | 37 | 60 | 2546 | 159 | 56 | 122 | 6.8 | 8 | 8.2 | 103349569.7 | 399 | 2546 | 76 |
| 8/30/2005 8:00 | 19 | 0 | 35 | 0 | 2546 | 159 | 56 | 123 | 6.8 | 8 | 8.2 | 103363962.5 | 440 | 2546 | 75 |
| 8/30/2005 12:00 | 19 | 0 | 35 | 64 | 2447 | 159 | 55 | 123 | 6.8 | 8 | 8.2 | 103378334 | 358 | 2447 | 80 |
| 8/30/2005 16:00 | 19 | 0 | 36 | 64 | 2514 | 159 | 56 | 123 | 6.8 | 8 | 8.2 | 103392549.8 | 333 | 2514 | 75 |
| 8/30/2005 20:00 | 19 | 0 | 36 | 62 | 2447 | 159 | 55 | 122 | 6.8 | 8 | 8.2 | 103407001.2 | 362 | 2447 | 78 |
| 8/31/2005 0:00 | 19 | 0 | 39 | 64 | 2558 | 159 | 56 | 124 | 6.8 | 8 | 8.3 | 103421254.5 | 447 | 2558 | 69 |
| 8/31/2005 4:00 | 19 | 0 | 37 | 62 | 2399 | 159 | 56 | 122 | 6.8 | 8 | 8.2 | 103435276.9 | 398 | 2399 | 76 |
| 8/31/2005 8:00 | 20 | 0 | 37 | 60 | 2396 | 160 | 55 | 122 | 6.8 | 8 | 8.2 | 103449532.1 | 427 | 2396 | 70 |
| 8/31/2005 12:00 | 19 | 0 | 37 | 0 | 2447 | 161 | 55 | 124 | 6.8 | 8 | 8.2 | 103463737.5 | 366 | 2447 | 76 |
| 8/31/2005 16:00 | 19 | 0 | 37 | 63 | 2396 | 160 | 56 | 125 | 6.8 | 8 | 8.2 | 103478160.6 | 408 | 2396 | 69 |
| 8/31/2005 20:00 | 19 | 0 | 37 | 61 | 2753 | 159 | 56 | 123 | 6.8 | 8 | 8.2 | 103492557 | 376 | 2753 | 69 |

Appendix D Sampling Trip Reports

SAMPLING TRIP REPORT

Site Name: STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE

CERCLIS ID Number: NYD047650197 **Sampling Dates:** August 15, 2005

CLP Case Number: N/A

Site Location: 110 Cutter Mill Road, Great Neck, New York, 11021 **Sample Descriptions:** Groundwater Treatment System Influent / Effluent.

Laboratories Receiving Samples (Table 1):

| Case Number | Sample Type | Name and Address of Laboratory |
|-------------|---------------------|--|
| N/A | TCL-VOAs OLC03.2 | USEPA Region II DESA LAB Building 209 MS-230 2890 Woodbridge Avenue Edison, N.J. 08837 |

Sample Dispatch Data (Table 2):

On August 15, 2005, six (6) groundwater samples, including one (1) duplicate sample and one (1) trip blank were shipped to the U.S. Environmental Protection Agency Region II Lab (USEPA) for TCL-VOAs analysis.

| FedEx Air Bill No. | Number of Coolers | Number and Type of Samples | Time and Date of Shipping |
|--------------------|-------------------|---|------------------------------|
| 851611551479 | 1 | 6 Aqueous Samples including 1 duplicate sample, and 1 Trip Blank for TCL-VOAs | 8/15/05 @ 11:00 TO: USEPA |

Sampling Personnel (Table 3): Sample Numbers and Collection Points (Table 4):

| Name | Organization | Site Duties |
|----------------|------------------|---|
| Tom Williams | Earth Tech, Inc. | Earth Tech Project Manager |
| James Kearns | Earth Tech, Inc. | Earth Tech Task Manager/ Health and Safety |
| Robert Derrick | Earth Tech, Inc. | Sampler |
| Frank Mahalski | Earth Tech, Inc. | Sampling Assistant |

| Laboratory | Analyses | Sample Type | CLP Sample # | Sample Collection |
|------------|----------|-------------|--------------|-------------------|
| Laboratory | Analyses | Sample Type | CLP Sample # | Point(SCP) |

| USEPA Region II DESA LAB | TCL-VOAs | Aqueous Groundwater | EPA-EXT-02 | EPA-EXT-02 |
|---|----------|------------------------|------------|---------------------|
| Building 209 MS-230 | | Groundwater | EPA-EXT-4R | EPA-EXT-4R |
| 2890 | | | INFLUENT | Influent |
| Woodbridge Avenue Edison, N.J. 08837 | | | EFFLUENT | Effluent |
| | | | ТВ | Trip Blank |
| | | | EFFLUENT- | Duplicate of |
| | | | A | Effluent |

Additional Comments:

All groundwater samples were collected after a five gallon purge from the sample ports located within the treatment system. Volumes were collected from the influent (INFLUENT), effluent (EFFLUENT), extraction wells EPA-EXT-02 and EPA-EXT-4R, of the treatment system for the following analysis: Target Compound List (TCL) Volatile Organic Compounds. In addition, one duplicate sample (EFFLUENT-A) was collected from the effluent of the groundwater treatment process and was a duplicate sample of sample EFFLUENT. One trip blank (TB) was also included in the shipment. Copies of the Chain of Custody forms and a copy of the FedEx air bill are included in Appendix A and B, respectively.

Earth Tech personnel also collected real time water quality parameters from the raw water for all the sampling locations (Influent, Effluent, EPA-EXT-02 and EPA-EXT-4R) and the results are included in Appendix C.

Appendix A

Chain of Custody (August 15, 2005 System Sampling Event)



DAS No: Case No:

| | | | | | | | | | Sampler) | |
|-----------------------|---------------------------------|----------------------------|--|-----------------------------------|----------------------|------------|-----------------------------|-----------------|-------------------------|-----------------|
| Project Code: | 2 | | | Date Shipped: | 8/15/2005 | | chain of custouy kecord | ecola | Signature: | 411 |
| Account Code: | • | | | Airbill: | 851611551479 | | Relinquished By | (Date / Time) | Received By | (Date / Time) |
| CERCLIS ID: | NYD047650197 | 197 | | Shipped to: | USEPA Region II DESA | DESA | いなり | 8-15-05/11/00AM | | |
| Spill ID: | 02LH | | | ; | Lab | | | | | |
| Site Name/State: | | aners Area Gr | Stanton Cleaners Area Groundwater Contai | | Building 209, MS-230 | -230 | 2 | | | |
| Project Leader: | James Kearns | ns | | | Edison NJ 08837 | Avenue | ω | | | |
| Action: | Operations a | Operations and Maintenance | nce | | (732) 906-6886 | | | | | |
| Sampling Co: | Earth Tech | | | | | | | | | |
| ORGANIC SAMPLE No. | MATRIX/ SAMPLER | CONC/ TYPE | ANALYSIS/ TURNAROUND | TAG No./ PRESERVATIVE/ Bottles | No./ VE/ Bottles | STATION | SAMPLE COLLECT DATE/TIME | | INORGANIC SAMPLE No. | QC Type |
| EFFLUENT-A | Ground Water/ Robert Derrick | L/G | VOA (14) | (HCL) (3) | | Effluent-A | S: 8/15/2005 | 8:56 | 71 | Field Duplicate |
| EPA-EXT-02 | Ground Water/ Robert Derrick | L/G | VOA (14) | (HCL) (3) | | EPA-EXT-02 | S: 8/15/2005 | 8:24 | | 1 |
| EPA-EXT-4R | Ground Water/ Robert Derrick | L/G | VOA (14) | (HCL) (3) | | EPA-EXT-4R | S: 8/15/2005 | 8:26 | |) |
| INFLUENT | Ground Water/ Robert Derrick | L/G | VOA (14) | (HCL) (3) | | Influent | S: 8/15/2005 | 8:29 | | ı |
| ТВ | Field QC/ Robert Derrick | L/G | VOA (14) | (HCL) (3) | | Trip Blank | S: 8/15/2005 | 8:25 | | Trip Blank |

| Shipment for Case | Sample(s) to be used for laboratory QC: | Additional Sampler Signature(s): | Chain of Custody Seal Number: |
|-------------------------|--|---|-------------------------------|
| Complete | EFFLUENT-A, TB | | |
| Analysis Key: | Concentration: L = Low, M = Low/Medium, H = High | Type/Designate: Composite = C, Grab = G | Shipment Iced? |
| VOA = CLP TCL Volatiles | es | | |

TR Number: 2-411563104-080805-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 2000 Edmund Halley Dr., Reston, VA. 20191-3400 Phone 703/264-9348 Fax 703/264-9222





ORGANIC SAMPLE No. EFFLUENT-A

MATRIX/ SAMPLER

CONC/

ANALYSIS/ TURNAROUND

TAG No./ PRESERVATIVE/ Bottles

STATION LOCATION

SAMPLE COLLECT DATE/TIME

INORGANIC SAMPLE No.

FOR LAB USE ONLY Sample Condition On Receipt

Effluent-A

S: 8/15/2005

8:56

EPA-EXT-4R

Ground Water/

L/G

VOA (14)

(HCL) (3)

EPA-EXT-4R

S: 8/15/2005

8:26

Robert Derrick

EPA-EXT-02

Ground Water/ Robert Derrick

L/G

VOA (14)

(HCL) (3)

EPA-EXT-02

S: 8/15/2005

8:24

Ground Water/ Robert Derrick

L/G

VOA (14)

(HCL) (3)

INFLUENT

Ground Water/ Robert Derrick

L/G

VOA (14)

(HCL) (3)

influent

S: 8/15/2005

8:29

B

Robert Derrick Field QC/

<u>|</u>

VOA (14)

(HCL) (3)

Trip Blank

S: 8/15/2005

8:25

| | k | | Shipped to: | Talle. | | ŞEP A |
|----------------|------------------------|----------------------------|-----------------------|------------------|-------------------------|--|
| (732) 906-6886 | 2890 Woodbridge Avenue | Lab Building 209 MS-230 | USEPA Region II DESA | redex | 8/15/2005 | USEPA Contract Laboratory Program Organic Traffic Report & Chain of Custody Record |
| 4 | 3 | 2 | 1 flot Co | Relinquished By | Chain of Custody Record | Laboratory Pro Report & Chain |
| | | | Chtl 8-15-05 11:00 AM | (Date / Time) | | gram of Custody Rec |
| | | | | Received By | Sampler LAT 11- | ord |
| | | | | (Date / Time) | 0 | |
| Unit Price: | Lab Contract No: | Transfer To: | Unit Price: | Lab Contract No: | For Lab Use Only | Case No: DAS No: SDG No: |
| | | <u></u> | | <u> </u> | | |

| Shipment for Case Complete?Y | Sample(s) to be used for laboratory QC: EFFLUENT-A, TB | Additional Sampler Signature(s): | Cooler Temperature Upon Receipt: | Chain of Custody Seal Number: | er: |
|---------------------------------|--|---|----------------------------------|-------------------------------|----------------|
| Analysis Key: | Concentration: L = Low, M = Low/Medium, H = High | Type/Designate: Composite = C, Grab = G | | Custody Seal Intact? | Shipment Iced? |
| VOA = CLP TCL Volatiles | SE | | | | |

TR Number: 2-411563104-080805-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office. 2000 Edmund Halley Dr., Reston, VA. 20191-3400 Phone 703/264-9348 Fax 703/264-9222





DAS No: Case No:

| 1 | | 8:58 | S: 8/15/2005 | Effluent | (HCL) (3) | | VOA (14) | er/ L/G ck | Ground Water/ Robert Derrick | EFFLUENT |
|-----------------|-------------------------|----------------|----------------------------|---|---|-------------------------|--|--|---------------------------------|----------------------------|
| QC Type | INORGANIC SAMPLE No. | · | SAMPLE ФІLECT DATE/TIME | STATION LOCATION | TAG No./ PRESERVATIVE/ Bottles | ANALYSIS/ TURNAROUND | | (/ CONC/ ER TYPE | MATRIX/ SAMPLER | ORGANIC SAMPLE No |
| | | | 4 | 0-0000 | (/32) 900-0860 | | | ech | Earth Tech | Sampling Co: |
| | | | ω | 2090 W0000010ge Avenue Edison NJ 08837 (733) 006 6886 | 2890 VVI Edison N | | aintenance | James Kearns Operations and Maintenance | | Project Leader: Action: |
| | | | 2 | Building 209, MS-230 | Building | iter Contai | Stanton Cleaners Area Groundwater Contai | Cleaners | | Site Name/State: |
| | 3 | WON.11/50-51-8 | 1 12tol | USEPA Region II DESA Lab | Shipped to: USEPA Lab | Shi | | NYD047650197 02LH | 02LH | Spill ID: |
| y (Date / Time) | Received By | (Date / Time) | Relinquished By | 51479 | | Airbill: | | | | Account Code: |
| at RC | Sampler Sampler | cord | Chain of Custody Record | 5 | Date Shipped: 8/15/2005 Carrier Name: FedEx | Dat | | | 2 | Region: Project Code: |

| Analysis Key: Concentration: L = Low, M = Low/Medium, H = High Type/Designate: Composite = C, Grab = G Shipment Iced? | Shipment for Case Complete? N | Sample(s) to be used for laboratory QC: | Additional Sampler Signature(s): | Chain of Custody Seal Number: |
|---|----------------------------------|--|---|-------------------------------|
| | Analysis Key: | Concentration: L = Low, M = Low/Medium, H = High | Type/Designate: Composite = C, Grab = G | Shipment Iced? |



USEPA Contract Laboratory Program Organic Traffic Report & Chain of Custody Record

| (Date / Time) | 2 | | | |
|------------------|------------------|---------|---------|----------|
| Lab Contract No: | For Lab Use Only | SDG No: | DAS No: | Case No: |
| | | | | |

| EFFLUENT | ORGANIC SAMPLE No. | | | | Shipped to: | Airbill. | Date Shipped: |
|---------------------------------|---|----------------|---|----------------------------|----------------------|------------------|-------------------------|
| Ground Water/ Robert Derrick | MATRIX/ SAMPLER | (732) 906-6886 | 2890 Woodbridge Avenue Edison NJ 08837 | Lab Building 209 MS-230 | USEPA Region II DESA | redex | 8/15/2005 |
| L/G | CONC/ | | venue | 80 | ESA | | |
| VOA (14) | ANALYSIS/ TURNAROUND | 4 | 3 | 2 | J. 1471 | Relinquished By | Chain of Custody Record |
| (HCL) (3) | TAG No./ PRESERVATIVE/ Bottles | | | | 8-15-05/11:0CAN | (Date / Time) | y Record |
| Effluent | STATION LOCATION | | | | | Received By | Sampler LLt L |
| S: 8/15/2005 | SAMPLE COILLECT DATE/TIME | | | | | (Date / Time) | Ó |
| 8:58 | ECT | Unit Price: | Lab Con | Transfer To: | Unit Price: | Lab Con | For La |
| | INORGANIC SAMPLE No. | ě: | Lab Contract No: | To: | ë. | Lab Contract No: | For Lab Use Only |
| , | FOR LAB USE ONLY Sample Condition On Receipt | | | | | | |

| Shipment for Case Complete ?N | Sample(s) to be used for laboratory QC: | Additional Sampler Signature(s): | Cooler Temperature Upon Receipt: | Chain of Custody Seal Number: | er: |
|----------------------------------|--|---|-------------------------------------|-------------------------------------|----------------|
| Analysis Key: | Concentration: L = Low, M = Low/Medium, H = High | Type/Designate: Composite = C, Grab = G | | Custody Seal Intact? Shipment Iced? | Shipment Iced? |
| VOA = CLP TCL Volatiles | es | | | | |

TR Number: 2-411563104-080905-0001

R provides preliminary results. Requests for preliminary results will increase analytical costs, Send Copy to: Sample Management Office. 2000 Edmund Halley Dr., Reston, VA, 20191-3400 Phone 703/264-9348 Fax 703/264-9222

Appendix B

FedEx Air Bill (August 15, 2005 System Sampling Event)

| | FecEx. US Airbill | Tracking Number 851611551479 |
|---|---|------------------------------|
| 1 | From Please print and press hard. Date 8-15-05 Sender's FedEx Account Number | 2374-4259-8 |
| | Sender's James Kearns | Phone (804) 183-5981 |
| | Company Earth Tech I | nc. |
| | Address 110 Catter M; 11 | Rd. |
| | city Great Neck | State W-Y ZIP 101 |
| 2 | Your Internal Billing Reference First 24 characters will appear on invoice. 544 | 1001 8800 (250) |
| 3 | To Recipient's Sample Custodi | an Phone (732) 406-6886 |
| | Company USEPH Region I | DESA Lab |
| | Recipient's Building 209 | ms 230 |
| | We cannot deliver to P.O. boxes or P.O. ZiP codes. Address Address To request a package be held at a specific FedEx location, print FedEx address he | |

Try online shipping at fedex.com,

city Edison

State NJ ZIP 08837

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our fability.

Questions? Visit our Web site at fedex.com or call 1.800.GoFedEx 1.800.463.3339.

| Form 0200 | |
|--|--|
| 4a Express Package Service | Packages up to 150 lbs. *To most locations |
| FedEx Priority Overnight Next business morning* FedEx Standard Overnight Next business afternoon* | FedEx First Overnight Earliest next business morning delivery to select locations* |
| FedEx 2Day Second business day* FedEx Envelope rate not available, Minimum charge: One-pound rate | |
| 4b Express Freight Service | Packages over 150 lbs. |
| FedEx 1Day Freight* Next business day** FedEx 2Day Freight Second business day** | FedEx 3Day Freight Third business day** |
| * Call for Confirmation: | |
| 5 Packaging FedEx Pak* FredEx Pak* FredEx Small Pak, FredEx Small | *Declared value first \$500 FedEx Tube *Other |
| | HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 20ay to select locations |
| 7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Section 1 Hell Section 1 Hel | |
| FedEx Acct. No. Credit Cerd No. | Exp. Date |
| Total Packages Total Weight Total Declared Value \$ 10ur liability is limited to \$100 unless you declare a higher value. See back for detail | .00 FedEx Use Only |
| 8 Sign to Authorize Delivery Without a Signature | |

467

Appendix C

Water Quality Parameters (August 15, 2005 System Sampling Event)

STANTON CLEANERS SITE LTRA

Groundwater Pump and Treatment System Water Quality Parameters Log

Date:8/15/05 Project # 70536

| | рН | COND. | TURB. | DO | TEMP. | SALINITY |
|------------|------|-------|-------|------|-------|----------|
| EPA-EXT-02 | 6.35 | 0.735 | 107 | 11.7 | 16.6 | 0 |
| EPA-EXT-4R | 6.77 | 0.527 | 69 | 11.8 | 15.7 | 0 |
| Discharge | 7.07 | 0.597 | 0 | 10.5 | 18.5 | 0 |

Total Gallons pumped: 102070035 gallons

Flow rate: 65 gpm

Equipment Calibrated by: Rob Derrick Comments:

Water samples collected

by: Rob Derrick

Water monitoring performed by: Robert Derrick/ Frank Mahalski

TEMP. - Temperature measured in degrees Celsius.

COND. - Conductivity measured in milliSiemens per centimeter (mS/cm).

TURB. - Turbidity measure in nephelometric turbidity units (NTU).

DO - Dissolved Oxygen measured in milligrams per liter (mg/L).

SALINITY - Salinity in percentage.

SAMPLING TRIP REPORT

Site Name: Stanton Cleaners Area Groundwater Contamination Site

CERCLIS ID Number:

Sampling Dates: August 29 – September 1, 2005

CLP Case Number: 34578

Site Location: 110 Cutter Mill Road, Great Neck, NY 11021

Sample Descriptions: Semi-annual Monitoring Well Sampling Event

Laboratories Receiving Samples:

| Case Number | Sample Type | Name and Address of Laboratory |
|-------------|---|---|
| 33578 | CLP TCL-VOAs | A4 Scientific (A4) 1544 Sawdust Road Suite 505 The Woodlands TX 77380 Tel (281)-292-5277 |
| 34578 | Methane, Ethane, Ethene | Analytical Management Laboratory, Inc.(AML) 5130 South Keeler Street Olathe, KS 66062-2716 Tel (913) 829-0101 |
| 34578 | Total Organic Carbon (TOC), Alkalinity, Sulfide, Nitrate, Chloride, and Sulfate | USEPA Region II DESA Lab (DESA) Building 209, MS-230 2890 Woodbridge Avenue Edison, NJ 08837 Tel (732) 906-6886 |

Sample Dispatch Data:

On August 29, 2005, three monitoring well samples (EPA-MW-11D, EPA-MW-32, and EPA-MW-33) were shipped to A4, AML, and DESA for analysis of TCL Volatiles, Methane/Ethane/Ethane/Ethane, TOC, Alkalinity, Nitrate, Sulfate, Sulfide, and Chloride.

Extra volume was collected from EPA-MW-11D for Matrix Spike / Matrix Spike Duplicate (MS/MSD) analysis and one Field Duplicate sample (EPA-MW-11D-A) was collected from monitoring well EPA-MW-11D. One Field Blank (FB-1), one Equipment Rinsate (Equipment Blank-1) and one Trip Blank (TB1) were included in the August 29, 2005 shipment. Equipment Blanks, Field Blanks, Trip Blanks, and Duplicate samples were submitted for VOA analysis only.

| FedEx Airbill No. | Number of Coolers | Number and Type of Samples | Time and Date of Shipping |
|-------------------|----------------------|--|------------------------------|
| 851113789558 | 1 | Three monitoring well samples for the following analyses; Alkalinity; Sulfide; TOC; Chloride; Nitrate; and Sulfate. | 8/29/05 @ 18:00 TO: DESA |
| 846894693893 | 1 | Three monitoring well samples for the following analyses: Methane; Ethane; and Ethene. | 8/29/05 @ 18:00 TO: AML |
| 853166420760 | 1 | Three monitoring well samples, one Field Duplicate, one Field Blank, one Equipment Blank, one Trip Blank, and one additional volume for MS/MSD for TCL VOA analysis. | 8/29/05 @ 18:00 TO: A4 |

On August 30, 2005, six monitoring well samples (EPA-MW-31, CL-4D, CL-4S, CL-1D, CL-3, and EPA-MW-29) were shipped to A4, AML, and DESA for analysis of TCL Volatiles, Methane/Ethane/Ethane/Ethene, TOC, Alkalinity, Nitrate, Sulfate, Sulfide, and Chloride. In addition, three monitoring well samples (ST-MW-18, ST-MW-11 and CL-1S) were shipped to A4 for analysis of TCL volatiles only.

One Field Blank (FB-2), one Equipment Rinsate (Equipment Blank-2) and one Trip Blank (TB-2) were included in the August 30, 2005 shipment. Equipment Blanks, Field Blanks, and Trip Blanks were submitted to A4 for VOA analysis only.

| FedEx Airbill No. | Number of Coolers | Number and Type of Samples | Time and Date of Shipping |
|-------------------|----------------------|--|------------------------------|
| 853166420818 | 1 | Six monitoring well samples for the following analyses; Alkalinity; Sulfide; TOC; Chloride; Nitrate; and Sulfate. | 8/30/05 @ 18:00 TO: DESA |
| 846894693908 | 1 | Six monitoring well samples for the following analyses: Methane; Ethane; and Ethene. | 8/30/05 @ 17:45 TO: AML |
| 853166420760 | 1 | Nine monitoring well samples, one Field Blank, one Equipment Blank, and one Trip Blank for TCL VOA analysis. | 8/30/05 @ 18:00 TO: A4 |

On August 31, 2005, seven monitoring well samples (ST-MW-12, ST-MW-17, ST-MW-20, ST-MW-19, EPA-MW-9A, EPA-MW-27, EPA-MW-26) were shipped to AML, and DESA for analysis of TCL Volatiles, Methane/Ethane/Ethane/Ethene, TOC, Alkalinity, Nitrate, Sulfate, Sulfide, and Chloride. In addition, two monitoring well samples (ST-MW-06 and ST-MW-14) were shipped to A4 for analysis of TCL volatiles only.

Extra volume was collected from EPA-MW-27 for Matrix Spike / Matrix Spike Duplicate (MS/MSD) analysis. One Field Duplicate sample (EPA-MW-27-A) was collected from monitoring well EPA-MW-27. One Field Blank (FB-3), one Equipment Rinsate (Equipment Blank-3) and one Trip Blank (TB3) were included in the August 31, 2005 shipment. Equipment Blanks, Field Blanks, Trip Blanks, and duplicate samples were submitted for VOA analysis only.

| FedEx Airbill No. | Number of Coolers | Number and Type of Samples | Time and Date of Shipping |
|-------------------|----------------------|---|------------------------------|
| 853166420829 | 1 | Seven monitoring well samples for the following analyses; Alkalinity; Sulfide; TOC; Chloride; Nitrate; and Sulfate. | 8/31/05 @ 18:00 TO: DESA |
| 846894693919 | 1 | Seven monitoring well samples for the following analyses: Methane; Ethane; and Ethene. | 8/31/05 @ 18:00 TO: AML |
| 853166420781 | 1 | Nine monitoring well samples, one Field Duplicate, one Field Blank, one Equipment Blank, one Trip Blank, and one additional volume for MS/MSD for TCL VOA analysis. | 8/31/05 @ 18:00 TO: A4 |

On September 1, 2005, eight monitoring well samples (EPA-MW-25, ST-MW-16, EPA-MW-22, EPA-MW-23, ST-MW-15, ST-MW-13, EPA-MW-21, and ST-MW-02) were shipped to A4 for analysis of TCL volatiles only.

Extra volume was collected from EPA-MW-23 for Matrix Spike / Matrix Spike Duplicate (MS/MSD) analysis. One Field Duplicate sample (EPA-MW-23-A) was collected from monitoring well EPA-MW-23. One Field Blank (FB-4), one Equipment Rinsate (Equipment Blank-4) and one Trip Blank (TB4) were included in the September 1, 2005 shipment. Equipment Blanks, Field Blanks, Trip Blanks, and duplicate samples were submitted for VOA analysis only.

| FedEx Airbill No. | Number of Coolers | Number and Type of Samples | Time and Date of Shipping |
|-------------------|----------------------|--|---------------------------|
| 853166420792 | 1 | Eight monitoring well samples, one Field Duplicate, one Field Blank, one Equipment Blank, one Trip Blank, and one additional volume for MS/MSD for TCL VOA analysis. | 9/1/05 @ 18:00 TO: A4 |

Sampling Personnel:

| Name | Organization | Site Duties |
|------------------|------------------|---|
| Tom Williams | Earth Tech, Inc | Response Manager |
| Dave Miller | ECC | Project Manager |
| Leslee Alexander | Earth Tech, Inc. | Health and Safety/Sampling Team Leader /Sample Management |
| James Kearns | Earth Tech, Inc. | Task Manager |
| Frank Mahalski | NEIE | Forms II Lite/Sampling Assistant |
| Elio Romero | ECC | Sampler |
| Russ Reynolds | Earth Tech, Inc. | Sampler |
| Todd Plating | Earth Tech, Inc. | Sampler |
| Robert Derrick | Earth Tech, Inc. | Sampling Assistant |

Sample Numbers and Collection Points:

Attachment A includes a table with a list of all the groundwater monitoring well collection points and their assigned CLP sample numbers.

Additional Comments:

During the groundwater sampling event that occurred from August 29 through September 1, 2005, a total of twenty-nine (29) groundwater monitoring wells were sampled. In addition, extra volumes was collected for three duplicate samples (EPA-MW-11D-A, EPA-MW-27-A, and EPA-MW-23-A) and extra volumes for three MS/MSD analysis from monitoring wells EPA-MW-11D, EPA-MW-27, and EPA-MW-23 were collected and shipped to A4 laboratory for TCL VOA analysis. A total of four Trip Blanks, four Equipment Blanks, and four Field Blanks were also collected and shipped to A4 laboratory for TCL VOA analysis.

Please note that monitoring wells EPA-MW-30 and ST-MW-09 were not sampled as they were observed to have been asphalted over and grouted up, respectively.

The groundwater sampling/sample management procedures were conducted in accordance with the USEPA Region II Groundwater Sampling Low Flow (Minimal Drawdown) Groundwater Sampling Procedures (dated March 16, 1998), Contract Laboratory Program Guidance for Field Samplers (dated April 2003), Groundwater Sampling Guidelines for Superfund and RCRA Project Managers from the USEPA Office of Solid Waste and Emergency Response (dated May 2002), the USEPA Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Groundwater (dated September 1998), and the site Operations and Maintenance Manual (dated April 2004). Copies of the Chains of Custody Records are included in Attachment B. FedEx Airbills are included in Attachment C. Copies of Daily Tailgate Safety Briefing Sign-In Logs are included as Attachment D. A Water Level Data Summary sheet is included as Attachment E.

Attachment A

August 29 – September 1, 2005 Sampling Event

Stanton Cleaners Area Groundwater Contamination Site

CLP Sample Numbers and Collection Points for Monitoring Well sampling Event (August 2005)

| WELL ID # COLLECTED COMMENTS EPA-MW-33 B36W4 8/29/05 MS/MSD EPA-MW-11D B36X2 8/29/05 MS/MSD EPA-MW-11D-A B3710 8/29/05 FIELD DUPLICATE EPA-MW-32 B36W3 8/29/05 FIELD DUPLICATE EPA-MW-31 B36W2 8/30/05 CL-4D B36W6 8/30/05 CL-4D B36W6 8/30/05 S7-MW-18 B36Z0 8/30/05 | |
|---|--|
| EPA-MW-11D B36X2 8/29/05 MS/MSD EPA-MW-11D-A B3710 8/29/05 FIELD DUPLICATE EPA-MW-32 B36W3 8/29/05 EPA-MW-31 B36W2 8/30/05 CL-4D B36W6 8/30/05 CL-4S B36W5 8/30/05 ST-MW-18 B36Z0 8/30/05 | |
| EPA-MW-11D-A B3710 8/29/05 FIELD DUPLICATE EPA-MW-32 B36W3 8/29/05 EPA-MW-31 B36W2 8/30/05 CL-4D B36W6 8/30/05 CL-4S B36W5 8/30/05 ST-MW-18 B36Z0 8/30/05 | |
| EPA-MW-32 B36W3 8/29/05 EPA-MW-31 B36W2 8/30/05 CL-4D B36W6 8/30/05 CL-4S B36W5 8/30/05 ST-MW-18 B36Z0 8/30/05 | |
| EPA-MW-31 B36W2 8/30/05 CL-4D B36W6 8/30/05 CL-4S B36W5 8/30/05 ST-MW-18 B36Z0 8/30/05 | |
| CL-4D B36W6 8/30/05 CL-4S B36W5 8/30/05 ST-MW-18 B36Z0 8/30/05 | |
| CL-4S B36W5 8/30/05 ST-MW-18 B36Z0 8/30/05 | |
| ST-MW-18 B36Z0 8/30/05 | |
| | |
| CL-1D B36W9 8/30/05 | |
| | |
| | |
| EPA-MW-29 B36X0 8/30/05 | |
| CL-3 B36W7 8/30/05 | |
| ST-MW-11 B36Y4 8/30/05 | |
| ST-MW-12 B36X6 8/31/05 | |
| ST-MW-17 B36X5 8/31/05 | |
| ST-MW-20 B36X1 8/31/05 | |
| ST-MW-19 B36Z1 8/31/05 EPA-MW-9A B36X7 8/31/05 | |
| | |
| ST-MW-06 B36Y3 8/31/05 | |
| ST-MW-14 B36Y6 8/31/05 EPA-MW-27 B36X3 8/31/05 MS/MSD | |
| | |
| | |
| EPA-MW-26 B36X4 8/31/05 | |
| EPA-MW-25 B3712 9/01/05 | |
| ST-MW-16 B36Y8 9/01/05 | |
| EPA-MW-22 B3711 9/01/05 | |
| EPA-MW-23 B36Y0 9/01/05 MS/MSD | |
| EPA-MW-23-A B3708 9/01/05 FIELD DUPLICATE | |
| ST-MW-15 B36Y7 9/01/05 | |
| ST-MW-13 B36Y5 9/01/05 | |
| EPA-MW-21 B36X9 9/01/05 | |
| ST-MW-02 B36Y2 9/01/05 | |
| Equipment Blanks, Field Blanks, and Trip Blanks | |
| TB-1 B36Z3 8/29/05 TRIP BLANK | |
| EB-1 B3703 8/29/05 EQUIPMENT BLANK | |
| FB-1 B36Z8 8/29/05 FIELD BLANK | |
| TB-2 B36Z4 8/30/05 TRIP BLANK | |
| FB-2 B36Z9 8/30/05 FIELD BLANK | |
| EB-2 B3704 8/30/05 EQUIPMENT BLANK | |
| TB-3 B36Z5 8/31/05 TRIP BLANK | |
| EB-3 B3705 8/31/05 EQUIPMENT BLANK | |
| FB-3 B3700 8/31/05 FIELD BLANK | |
| TB-4 B36Z6 9/01/05 TRIP BLANK | |
| FB-4 B3701 9/01/05 FIELD BLANK | |
| EB-4 B3706 9/01/05 EQUIPMENT BLANK | |

Attachment B

August 29 – September 1, 2005 Sampling Event

| 15. Se | DATAMAN DATA | ** |
|---------|--------------|-------|
| San San | Salara De | |
| CA PY | MITTER OF | 13 12 |

EPA-MW-33

Russ Reynolds

Monitor Well/

USEPA Contract Laboratory Program Generic Chain of Custody

(14), TOC (14) Alkalinity (14), NO3 (ICE On (14), S- (14), SO4/CI (14), TOC (14) Reference Case: 34578 Client No:

| Region: Project Code: Account Code: GERCLIS ID: Spill ID: Site Name/State: Project Leader: Action: Sampling Co: | 2 , NYD047650 O2LH Stanton Cle Leslee Alex Operations Earth Tech | aners Are | ea Groundwater Contai tenance | Carrier Name: Fe Airbill: 85 Shipped to: US La Bu 28 Ed | 9/2005 dEx 1113789558 EPA Region II o Ilding 209, MS 90 Woodbridge Ison NJ 08837 (2) 906-6886 | DESA -230 Avenue | Chain of Custody Relinquished By 1 Huer Hu 2 | (Date / Time) | Sampler Signature: Received By | Jan M. (Jang) (se) (Date / Time) (Se) |
|---|--|---------------|---|---|---|------------------------|--|-------------------|--------------------------------------|---------------------------------------|
| SAMPLE No. | MATRIX/ SAMPLER | CONC/ TYPE | ANALYSIS/ TURNAROUND | TAG No./ PRESERVATIVE/ B | ottles | STATION LOCATION | | COLLECT E/TIME | <u></u> | QC Type |
| l A | Monitor Well/ Leslee Alexander Monitor Well/ | L/G L/G | Alkalinity (14), NO3 (14), S- (14), SO4/CI (14), TOC (14) Alkalinity (14), NO3 | (Zinc Acetates Son Hyrexide) (6) | see Note | EPA-MW-11C | S: 8/29/2005 S: 8/29/2005 | 14:00 16:15 | | Spike |

The following are the requested analyses, # of bottles for analyses

And preservative.

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Sulfate Chloride

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EPA-MVV-33

S: 8/29/2005

14:20

| Shipment for Case Complete? N | Sample(s) to be used for laparatory QC: | Additional Sampler Signature(s): | Chain of Custody Seal Number: |
|----------------------------------|--|---|-------------------------------|
| Analysis Key: | Concentration: L = Low, M = Low/Medium, H = High | Type/Designate: Composite = C, Grab = G | Shipment iced? |
| Alkalinity = Alkalinity, | NO3 = Nitrate, S- = Sulfide, SO4/CI = Sulfate/Chloride, TO | C = Total Organic Carbon | |

TR Number: 2-411563104-082905-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs. Send Copy to: Sample Management Office, 2000 Edmund Halley Dr., Reston, VA, 20191-3400 Phone 703/264-9348 Fax 703/264-9222

| BEPA | USEPA Contract Generic Chain c | t Laboratory Progr of Custody | am | | Ţ | Reference Case 345 Citent No: Spg No: | 578 |
|--|--|---|--------------------------------|---|---|--|---|
| Carrier Name: Airbill: Shipped to: | 8/29/2005 FedEx 851113789558 USEPA Region II DESA Lab Building 209, MS-230 2890 Woodbridge Avenue Edison NJ 08837 (732) 906-6886 | | Sign | pler ature: Jen Hz reived By | (Date / Time) | For Lab Use Only (Th)(c (b)) Lab Contract No: Unit Price: Transfer To: Lab Contract No: Unit Price: | |
| SAMPLE No. | MATRIX/ CONC/ SAMPLER TYPE | ANALYSIS/ TURNAROUND PRE | TAG No./ SERVATIVE/ Bottles | STATION LOCATION | SAMPLE COLLEG DATE/TIME | স | FOR LAB USE ONLY Sample Condition On Receipt |
| EPA-MW-32 EPA-MW-33 | Monitor Well/ Lesiee Alexander Monitor Well/ Russ Reynolds Monitor Well/ Russ Reynolds | Alkalinity (14), NO3 (Zine A (14), S-(14), SO4/CI Hyrroxii (14), TOC (14) Alkalinity (14), NO3 (14), S-(14), SO4/CI (14), TOC (14) Alkalinity (14), NO3 (14), S-(14), SO4/CI (14), TOC (14) | <u> </u> | EPA-MW-32 | \$: 8/29/2005 \$: 8/29/2005 \$: 8/29/2005 | 14:00 16:15 14:20 | |
| Ø Tl | he following Id presert | are the rative. | Anal- 14/kg N. 3 Sal | ed ann. 15/5 linity rate Kide fate/chloride | lyses, # # of 1 | <u>Sott</u> ler | for analyses, <u>Preservative</u> Lupreserved Unpreserved Line acetate on sol Hydroxide Lupreserved |
| Shipment for Case | Sample(s) to be used f | | Additional Sampler Sign | nature(s): | Cooler Temperatur | e Chain of Custody | Sulfuric Adi |

Type/Designate: Composite = C, Grab = G

Upon Receipt:

Custody Seal Intact?

Shipment Iced?

Analysis Key:

Concentration: L = Low, M = Low/Medium, H = High

Alkalinity = Alkalinity, NO3 = Nitrate, S. = Sulfide, SO4/CI = Sulfate/Chloride, TOC = Total Organic Carbon

| & EPA | | | t Laboratory F Report & Cha | Program in of Custody Re | ecord | | Case No: DAS No: SDG No: | 345 | 78 L |
|-----------------------|---|---|--------------------------------|-----------------------------------|-----------------------|-------------------------|---|-----|---|
| Date Shipped: | 8/29/2005 | *************************************** | Chain of Custody | y Record | Sampler Signature: | | For Lab Use O | nly | |
| Carrier Name: | FedEx | | Relinquished By | (Date / Time) | Received By | (Date / Time) | Lab Contract No: | | |
| Airbiii: | 853166420760 | | 1 | <u> </u> | | | N. 10 10 10 10 10 10 10 10 10 10 10 10 10 | | |
| Shipped to: | A4 Scientific 1544 Sawdust Ro Suite 505 | ad | 2 | | | | Unit Price: Transfer To: | | |
| | The Woodlands | TX 77380 | 3 | | Ú. | | Lab Contract No: | | |
| | (281) 292-5277 | - versioner 3 | 4 | | | | Unit Price: | | |
| ORGANIC SAMPLE No. | MATRIX/ SAMPLER | CONC/ TYPE | ANALYSIS/ TURNAROUND | TAG No.i PRESERVATIVE: Bottles | STATION LOCATION | SAMPLE COLI DATE/NIM | | | FOR LAB USE ONLY Sample Condition On Receipt |

| 0110/11110 | | · 그런 | | STATION LOCATION | SAMPLE COLLECT DATE/TIME | INORGANIC SAMPLE No. | FOR LAB USE ONLY Sample Condition On Receipt | |
|------------|-----------------------------------|------|----------|---------------------|-----------------------------|-------------------------|---|--|
| B36V/3 | Monitor Well/ Russ Reynolds | L/G | VOA (14) | (HCL) (3) | EPA-MW-32 | S: 8/29/2005 16:15 | | |
| B36VV4 | Monitar Well/ Russ Reynolds | L/G | VOA (14) | (HCL) (3) | EPA-MVV-33 | S: 8/29/2005 14:20 | | |
| B36X2 | Monitor Well/ Leslee Alexander | L/G | VOA (14) | (HCL) (6) | EPA-MW-11D | S: 8/29/2005 14:00 | | |
| B36Z3 | Field QC/ Leslee Alexander | L/G | VOA (14) | (HCL) (3) | TB-1 | S: 8/29/2005 11:00 | | |
| B36Z8 | Field QC/ Russ Reynolds | L/G | VOA (14) | (HCL) (3) | FB-1 | S: 8/29/2005 16:15 | | |
| B3703 | Field QC/ Leslee Alexander | L/G | VOA (14) | (HCL) (3) | Equipment Blank-1 | S: 6/29/2005 13:00 | | |
| B3710 | Monitor Well/ Lesiee Alexander | L/G | VOA (14) | (HCL) (3) | EPA-MW-11D-A | S: 8/29/2005 14:00 | | |

| Shipment for Case Sample(s) to be used for laboratory QC: Domplete?N B36X2, B3710 | | Additional Sampler Signature(s): | Cooler Temperature Upon Receipt: | Chain of Custody Seal Number: | | |
|---|--|---|-------------------------------------|-------------------------------------|--|--|
| Analysis Key: | Concentration: L = Low, M = Low/Medium, H = High | Type/Designate: Composite = C, Grab = G | | Custody Seal Intact? Shipment Iced? | | |

SEPA USEPA Contract Laboratory Program Generic Chain of Custody

Reference Case: 34578 Client No:

| Region: Project Code: | 2 | | | Date Shipped: | 8/30/2005 | | Chain of Custody | Record | | Sampler Signature: John M | on (Jones Konsy) Earl |
|-------------------------------------|---|---------------|---|---------------------------------------|----------------------------------|---------------------------|-------------------------------|----------------------|---------|---------------------------------------|-----------------------------------|
| Account Code: | 2 | | | Carrier Name: Airbili: | FedEx 853166420818 | | Relinquished By | (Date | /Time) | Received By | (Date / Time) |
| CERCLIS ID: | NYD047650 | 1197 | | | | UIDEA T | 10. 34 | olaslas | 19100 | · · · · · · · · · · · · · · · · · · · | · · · · · |
| Spill ID: | O2LH | 101 | | Shipped to: | USEPA REGIO: LAB | All DESA | 1 James Hear | 9/30/05 | 18,00 | | |
| Site Name/State | | aners Ares | a Groundwater Contami | | Building 209, MS | 3-230 | 2 " | | | | |
| Project Leader: | Lesies Alex | | | J | 2890 Woodbridg | | 3 | | | | |
| Action: | Operations | | enance | } | Edison NJ 0883 (732) 906-6856 | ′ | | | | <u> </u> | |
| Sampling Co: | Earth Tech | | | | (132) 300-0030 | | 4 | | | | |
| SAMPLE No. | MATRIXI SAMPLER | CONC/ TYPE | ANALYSISI TURNAROUND | TAG I PRESERVAT | | STATION LOCATION | | E COLLECT TE/TIME | | | QC Type |
| CL-1D | Monitor Well/ Russ Reynolds | L/G | Alkalinity (14), NO3 (14), S- (14), SO4/CI (14), TOC (14) | (Zine Acetate& 7 | See wate | CL-1D | \$: 8/30/2005 | 9;10 | 10.70kg | | |
| DL-3 | Monitor Well/ Russ Reynolds | L/G | Alkalinity (14), NO3 (14), S- (14), SO4/CI (14), TOC (14) | (Zine Acetalica: | Jee Note | CL-3 | S: 8/30/2005 | 13:25 | | | (a.e. |
| CL-4D | Monitor Well/ Lesiee Alexander | L/G | Alkalinity (14), NO3 (14), S- (14), SO4/CI (14), TOC (14) | (lee Only) (6) | See mote | CL-4D | S: 8/30/2005 | 11:25 | | | (PPF |
| CL-45 | Monitor Well/ Lesies | L/G | Alkalinity (14), NO3 (14), S- (14), SO4/CI (14), TOC (14) | · · · · · · · · · · · · · · · · · · · | see inte | CL-4S | S: 8/30/2005 | 12:15 | | | SEM |
| EPA-MW-29 | Alexander Monitor Well/ Russ Reynolds | L/G | (14), 100 (14) Alkalinity (14), NO3 (14), S- (14), SO4/CI (14), TOC (14) | (Ice-Only) (5) | s'us reste | EPA-MW-29 | S: 8/30/2005 | 11:30 | | | 199 |
| EPA-MW-31 | Monitor Well/ Leslee Alexander | L/G | Alkalinity (14), NO3 (14), S- (14), SO4/GI (14), TOC (14) | | see note | EPA-MW-31 | S: 8/30/2005 | 9:30 | | | HA |
| E The for Analysii Alkalining | | the req | to or botter | # 0+ 602 | the for parties | he analysis, runtiue only | and preser | undive | pr | escred bottler | nw-31 had a a for sultide |
| N. Frage 9 Sulfile | | | 2 | | Fire h | cepyle such South | m Hydroxide Llam Mydroxide | | stst Cl | L-3D, CL-40, id 1 bottle 5 | CL-45 and Eph bomb preserved f |
| sulfate style | or de | | ì | | | write Acid | | | | | |
| Shipment for Case Complete? N | Semple | (s) to be u | sed for laboratory QC: | | Additional Samp | ler Signature(s): | | | | Chain of Custody S | eal Number: |
| Analysis Keyl | | ntration: | L = Low, M = Low/Medium | | Type/Designate | | , Grab = G | | | Shipment loed? | |
| A 11 . 14 . 44 A 11 | Inity, NO3 = Nitra | te, S- = St | Iffide, 504/CI = Sulfate/C | thloride, TOC ≈ 1 | otal Organic Carb | on | · | | | | |

USEPA Contract Laboratory Program Organic Traffic Report & Chain of Custody Record Case No: 34578 DAS No: Sampler Region: Chain of Custody Record Date Shipped: 8/30/2005 Signature: Project Code: Carrier Name: FedEx (Date / Time) Received By (Date / Time) Relinquished By Account Code: Airbill: 853166420770 CERCLIS ID: NYD047650197 Shipped to: A4 Scientific Spill ID: **OZLH** 1544 Sawdust Road 2 Suite 505 Site Name/State: Stanton Cleaners Area Groundwater Contami The Woodlands TX 77380 Project Leader: Leslee Alexander 3 (281) 292-5277 Action: Operations and Maintenance 4 Sampling Co: Earth Tech QC CONC ANALYSIS/ TAG No. STATION SAMPLE COLLECT INORGANIC MATRIX ORGANIC LOCATION SAMPLER TYPE TURNAROUND PRESERVATIVE/ Bottles DATE/TIME SAMPLE No. Type SAMPLE No. EPA-MW-31 S: 8/30/2005 (HCL) (3) 9:30 B36W2 Monitor Well/ L/G VOA (14) Leslee Alexander L/G (HCL) (3) CL-4S S: 8/30/2005 12:15 Monitor Well/ VOA (14) B36W5 Lesiee Alexander L/G VOA (14) (HCL) (3) CL-4D S: 8/30/2005 11:25 Monitor Well/ B36W6 Leslee Alexander CL-3 S: 8/30/2005 13:25 Monitor Well/ L/G VOA (14) (HCL) (3) B36W7 Russ Reynolds VOA (14) (HCL) (3) CL-1D S: 8/30/2005 9:10 B36W9 Monitor Well/ LIG Russ Reynolds Monitor Well/ L/G VOA (14) (HCL) (3) EPA-MW-29 S: 8/30/2005 11:30 B36X0 Russ Reynolds L/G CL-18 S: 8/30/2005 10:05 (HCL) (3) B36X8 Monitor Well/ VOA (14) Russ Reynolds ST-MW-11 S: 8/30/2005 15:20 L/G VOA (14) (HCL) (3) B36Y4 Monitor Well/ Russ Reynolds L/G VOA (14) (HCL) (3) ST-MW-18 \$: 8/30/2005 15:30 B36Z0 Monitor Well/ Lesiee Alexander Trip Blank **TB-2** 5: 8/30/2005 7:00 Field QC/ L/G VOA (14) (HCL) (3) B36Z4 Leslee Alexander Shipment for Case Chain of Custody Seal Number: Additional Sampler Signature(s): Sample(s) to be used for laboratory QC: Complete? N Type/Designate: Concentration: Composite = C, Grab = G Shipment (ced? Analysis Key: L = Low, M = Low/Medium, H = High

TR Number: 2-500684269-083005-0002

VOA = CLP TCL Volatiles

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| %EP A | USEPA (Organic | | Laboratory Report & Cha | | ody Reco | ord | | | Case DAS N | | 34578 | ŀ | く |
|---|----------------------------------|---------------|----------------------------|--------------------------------|--------------------------|-------------------------|-------|--------------|---------------------------|-------------|-----------------------|-------------|----|
| Region: Project Code: | 2 | | | Date Shipped: Carrier Name: | 8/30/2005 FedEx | | Cha | in of Custo | dy Record | | Sampler Signature: | | |
| Account Code: CERCLIS ID: | , NYD047650 | 197 | | Airbill: Shipped to: | 8531664207 | | Relin | quished By | (Date I | Time} | Received By | (Date / Tim | 6) |
| Spill ID: Site Name/State: Project Leader: Action: | Leslee Alex Operations | | Broundwater Contami | | 1544 Sawdus Suite 505 | st Road ids TX 77380 | 3 | | | · / | | | |
| ORGANIC SAMPLE No. | Earth Tech MATRIX/ SAMPLER | CONC! TYPE | ANALYSIS/ TURNAROUND | TAG PRESERVAT | | STATION LOCATION | 14 | | PLE COLLECT DATE: TIME | 9500000 | RGANIC IPLE No. | QC Type | |
| | Field QC/ Lesiee Alexander | L/G | VOA (14) | (HCL) (3) | | FB-2 | | S: 8/30/2005 | 8:10 | * * * * * * | | Lab QC | , |
| B3704 | Field QC/ Russ Reynolds | L/G | VOA (14) | (HCL) (3) | | Equipment Bla | ank∙2 | S: 8/30/2008 | 12:00 | | | Rinsate | |

| Shipment for Case Complete? N | Sample(s) to be used for laboratory QC: | Additional Sampler Signature(s): | Chain of Custody Seal Number: |
|----------------------------------|--|---|-------------------------------|
| Analysis Key: | Concentration: L = Low, M = Low/Medium, H = High | Type/Designate: Composite = C, Grab = G | Shipment load? |
| VOA = CLP TCL Vo | latiles | | |

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| \$EPA | | | Laboratory Report & Cha | Program ain of Custody Re | ecord | | Case I DAS No: SDG No: | | 578 | L |
|---------------------------------|-----------------------------------|---------------|----------------------------|-----------------------------------|---------------------------------------|----------------------------------|------------------------------|-------------------------|--------------|--------------------------------------|
| Date Shipped: | 8/30/2005 | | Chain of Custo | dy Record | Sampler Signature: | - Martin - maraka - maran parant | For La | b Use Only | | 10 10 10 |
| Carrier Name: | FedEx | | Relinquished By | (Date / Time) | Received By | (Date / Time) | Lab Conf | tract No: | | |
| Airbiii: Shipped to: | 853166420770 A4 Scientific | | 1 | | | | Unit Pric | 9: | 36 | |
| | 1544 Sawdust Road Sulte 505 | ļ | 2 | | | | Transfer | To: | | 2 20 22 22 2 |
| | The Woodlands TX | 77380 | 3 | | | | Lab Cont | 2007-9 | | |
| | (281) 292-5277 | | 4 | | · · · · · · · · · · · · · · · · · · · | | Unit Price | | | |
| ORGANIC SAMPLE No. | MATRIX/ SAMPLER | CONC! TYPE | ANALYSIS/ TURNAROUND | TAG No.! PRESERVATIVE/ Bottles | STATION LOCATION | | ECOLLECT E/TIME | INORGANIC SAMPLE No. | 12020 | LAB USE ONLY Condition On Receipt |
| B36W2 | Monitor Well/ Lesies Alexander | L/G | VOA (14) | (HCL) (3) | EPA-MW-31 | S: 8/30/200 | 5 9:30 | | - Dinkord | |
| B36W5 | Monitor Well/ Leslee Alexander | L/G | VOA (14) | (HCL) (3) | CL-4S | S: 8/30/200 | 5 12:15 | | | |
| B36W6 | Monitor Well/ Lesiee Alexander | L/G | VOA (14) | (HCL) (3) | CL-4D | S: 8/30/200 | 5 11:25 | | | |
| B36W7 | Monitor Well/ Russ Reynolds | L/G | VOA (14) | (HCL) (3) | CL-3 | S: 8/30/200 | 5 13:25 | | | |
| B36W9 | Monitor Well/ Russ Reynolds | L/G | VOA (14) | (HCL) (3) | CL-1D | S: 8/30/200 | 5 9:10 | | | |
| B36X0 | Monitor Well/ Russ Reynolds | L/G | VOA (14) | (HCL) (3) | EPA-MW-29 | S: 8/30/200 | 5 11:30 | | | |
| B36X8 | Monitor Well/ Russ Reynolds | L/G | VOA (14) | (HCL) (3) | CL-1S | S: 8/30/200 | 5 10:05 | | | |
| B36Y4 | Monitor Well/ Russ Reynolds | L/G | VOA (14) | (HCL) (3) | ST-MW-11 | S: 8/30/200 | 5 15:20 | | | |
| B36Z0 | Monitor Well/ Lesiee Alexander | L/G | VOA (14) | (HCL) (3) | ST-MW-18 | S: 8/30/200 | 5 15:30 | | | |
| B36Z4 | Field QC/ Leslee Alexander | L/G | VOA (14) | (HCL) (3) | TB-2 | S: 8/30/200 | 5 7:00 | | | |
| Shipment for Case Complete?N | Sample(s) to | þe used : | or laboratory QC; | Additional Sampl | er Signature(s): | Cooler Te Upon Re | mperature elpt | Chain of Custod | ly Seal Numb | oer: |
| Analysis Key: | Concentrati | on: L= | Low, M = Low/Medium | H = High Type/C | Designate: Composite = C | Grah = G | | Custody Seal Int | act7 | Shipment ced? |

'R Number:

VOA = CLP TCL Volatiles

| SEPA | USEPA Co Organic Ti | | t Laboratory Report & Ch | Program ain of Custody Re | ecord | | Case DAS N SDG N | a: | 578 |
|---------------------------|---------------------------------|---------------|-----------------------------|-----------------------------------|-----------------------|-----------------------|------------------------|-------------------------|---|
| Date Shipped: | 8/30/2005 | XXX | Chain of Custo | dy Record | Sampler Signature: | AND AND PROPERTY. | For L | ab Use Only | |
| Carrier Name: Airbill: | FedEx 853166420770 | | Relinquished By | (Date / Time) | Received By | (Date / Time) | Lab Co | ntract No: | |
| Shipped to: | A4 Scientific | | 1 | | | | Unit Pr | lce: | (62) |
| | 1544 Sawdust Road Suite 505 | i i | 2 | | 100 | | Transfe | 5.—50s | |
| | The Woodlands TX (281) 292-5277 | 77380 | 3 | | | | | ntract No: | 2050 |
| | (201) 202 0217 | | 4 | | | | Unit Pri | National Control | |
| ORGANIC SAMPLE No. | MATRIX/ SAMPLER | CONC/ TYPE | ANALYSIS TURNAROUND | TAG No./ PRESERVATIVE/ Bottles | STATION LOCATION | SAMPLECOL DATE/TIM | | INORGANIC SAMPLE No. | FOR LAB USE ONLY Sample Condition On Receipt |
| B36Z9 | Field QC/ Lesiee Alexander | L/G | VOA (14) | (HCL) (3) | FB-2 | S: 8/30/2005 | 8:10 | | |
| B3704 | Field QC/ Russ Reynolds | L/G | VOA (14) | (HCL) (3) | Equipment Blank-2 | S: 8/30/2005 | 12:00 | | |

| Snipment for Case Complete?N | Semple(s) to be used for laboratory QC: | Additional Sampler Signature(a): | Cooler Temperature Upon Receipt | Chain of Custody Seal N | umber: |
|---------------------------------|--|---|------------------------------------|-------------------------|----------------|
| Analysis Key: | Concentration: L = Low, M = Low/Medium, H = High | Type/Designate: Composite = C, Grab = C | | Custody Seal Intact? | Shipment loed? |
| VOA = CLP TCL Vo | latiles | | | | |

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| SEPA | USEPA Con Generic Ch | | t Laboratory Prof of Custody | rogram | | | Reference Case Client No: SDG No: | 34578 |
|---------------------------------|--|--|---|---|---|-----------------------------------|--|--|
| Date Shipped: Carrier Name: | 8/30/2005 FedEx | | Chain of Custody | Record (Date / Time) | Sampler Signature: When leas (Jon Received By | nes keyin) Earth Tech | For Lab Use Only | om de glige e gran ser un un regulatif per ser un un de glighten. |
| Airbill: | 853166420818 | | 1 James Hearn | 8/30/07 18:00 | | (Date / Time) | Lab Contract No: | |
| Shipped to: | USEPA REGION II D | | 2 | 012 (0) | | | Unit Price: | Maria Ma |
| | Building 209, MS-230 2890 Woodbridge Av | | 3 | | | | Transfer To: | |
| | Edison NJ 08837 (732) 906-6886 | | 4 | | | | Lab Contract No: | |
| | · · · · · · · · · · · · · · · · · · · | SSUS | | | | | Unit Price: | |
| SAMPLE No. | MATRIX/ SAMPLER | CONC/ TYPE | ANALYSIS/ TURNAROUND | TAG No.! PRESERVATIVE/ Bottles | STATION LOCATION | SAMPLE COLU DATE/TIME | | FOR LAB USE ONLY Sample Condition On Receipt |
| CL-1D | Monitor Well/ Russ Reynolds | L/G | Alkalinity (14), NO3 (14), S- (14), SO4/CI (14), TOC (14) | (Zinc Acetate® Godium 50 Hydrexide) (6) | | S: 8/30/2005 | 9:10 | |
| CL-3 | Monitor Well/ Russ Reynolds | L/G | Alkalinity (14), NO3 | (Zinc Acetanes Godium 5.4 | e Note CL-3 | S: 8/30/2005 | 13:25 | |
| CL-4D | Monitor Weli <i>l</i> Leslee Alexander | L/G | Alkalinity (14), NO3 (14), S- (14), SO4/CI | (ICO OMINICO) SEE WOTE | CL-4D | S: 8/30/2005 | 11:25 | |
| CL-4S | Monitor Well/ Lesiee Alexander | L/G | (14), S- (14), SO4/CI | (Hea Offin (5) sec Note | CL-4\$ | S: 8/30/2005 | 12:15 | |
| EPA-MW-29 | Monitor Well/ Russ Reynolds | L/G | (14), TOC (14) Alkalinity (14), NO3 (14), S- (14), SO4/CI | (100 Odly) (6) See Note | EPA-MW-29 | S: 8/30/2005 | 11:30 | |
| EPA-MW-31 | Monitor Well/ Leslee Alexander | L/G | (14), TOC (14) Alkalinity (14), NO3 (14), S- (14), SO4/CI (14), TOC (14) | (Ite Office) see Note | EPA-MW-31 | S: 8/30/2005 | 9:30 | |
| | Notes | | الم جا الم ما الم ما الم | s Analyses; H of Analysis Blkalinita Mitrate Soutide | boltler for each | analysis, and | presqualine. | |
| | The following | 1918 | . the regular | Analysis | H of | Portles | presevative | |
| B (T-11) | EPA-MW-31 had | 、入学 | and preserved buttle | Alkalinit | 7 1 | | De Tre oak | t |
| NOT YOU | Sulfide | ≠ Ad | one 19 had 1 500 | me witrate | ' 1 | | zine Acelate . | la sodium Hydroxide na Sodium Hydroxide |
| byester | ved buttle too | 12 16 14 14 14 14 14 14 14 14 14 14 14 14 14 14 1 | le | of sulfide | wharide | | 2/ne Acepati Ice only sulfuric A | |
| inipment for Case complete?N | Sample(s) to b | e used f | or laboratory QC: | Additional Samples | | Cooler Temperatul Upon Receipt | THE REAL PROPERTY AND ADDRESS OF THE PARTY AND | ody Seal Number: |
| Analysis Key: | Concentration | 1; L# | Low, M = Low/Medium, H = | High Type/De | signate: Composite = C, G | Frab = G | Custody Seal ! | ntact? Shipment load? |
| Alkalinity = Alkalin | ilty, NO3 = Nitrate, S- | Sulfide | e, SO4/CI = Sulfate/Chlo | ide, TOC = Total Organic (| | | | |

TR Number: 2-500684269-083005-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 2000 Edmund Halley Dr., Reston, VA, 20191-3400 Phone 703/264-9348 Fay 703/264-9222



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| の記 | | ntrac | USEPA Contract Laboratory Program Generic Chain of Custody | rogram | | | 8 8 | Reference Case 343/0 |
|----------------------------------|-----------------------------------|---------------|--|----------------------------------|-----------------------|---------------|------------------------------------|--|
| | | | Innovation | | | 9 | SDG No: | No: |
| Date Shipped: | 8/31/2005 | | Chain of Custody Record | Record | Sampler Signature: | S. S. S. | For | For Lab Use Only |
| Carrier Marile: | POCENT COORD | | Relinguished By | (Date / Time) | Received By | (Dato / Time) | T | Lab Contract No: |
| Shipped to: | USEPA REGION II DESA | DESA | of Waterul | 1,79/3/65/813 | | | Unit | Unit Price: |
| | LAB Politing 200 MS:22 | - | >14 | <u>)</u> | | 68 82 | | To a second seco |
| | 2890 Woodbridge Ave. | 98 | e | | | | 798 | i reliaise 16: |
| | (732) 906-6886 | x 27 | 4 | | | | Š | Unit Price: |
| SAMPLE No. | MATRIX/ SAMPLER | CONC | ANALYSISI TURNAROUND | TAGNO/ PRESERVATIVE BOTHES | STATION LOCATION | . 3 | SAMPLECOLLECT DATE/TIME | FORLABUSE ONLY Sample Condition on Receipt |
| EPA-MW-26 | Monitor Well/ Russ Reynolds | 2 | Alkalinity (14), NO3 (14), S. (14), SO4CI | Hadroxide) (5) William | EPA-MW-26 | S: 8/31/2005 | /2005 15:48 | 92 |
| EPA-MW-27 | Monitor Wells Russ Reynolds | 9 | (14), TOC (14) Alkalinity (14), NO3 (14), S- (14), SO4CI | (Secondary (C) | EPA-MW-27 | 5; 8/31/2005 | /2005 12:15 | 10 |
| EPA-MW-8A | Monitor Well Russ Reynolds | 28 | (14), TOC (14) Alkalinity (14), NO3 (14), S. (14), SO4C) | (HE604)(E) | Sec EPA-MW-9A | 8, 8/31/2005 | 1/2005 9:00 | |
| ST-MW-12 | Monitor Well/ Leslee Alexander | 5 | (14), TOC (14) Alkalinity (14), NO3 (14), S- (14), SO4CI | (100 col) (40 col) | Note ST-MW-12 | 8: 8/3/ | 8/31/2005 12:05 | 10 |
| ST-MM-12 | Monitor Well | 2 | es 0 | (Ideal) (Ideal) | ST.MW.17 | S: 8/31 | 8/31/2005 (0:35 | 10 |
| ST-MW-18 | Monitor Well/ Leslee Alexander | ន | | Digitimose) | ST-MW-19 | S: 8/31 | 8/31/2005 16:30 | |
| ST-MW-20 | Monitor Welli Leales Alexander | 2 | (14), IOC (14) Alkalinity (14), NO3 (14), S. (14), SO4CI | (te) (throp ec) | ST-MW-20 | \$; 8/31/2005 | /2005 14:35 | Some Section |
| • | (14), TOC (14) | <u></u> نب | (14), TOC (14) | rewasted and | dyses # of b | authles to. | r amply re | she regression analysies, it of bottles too analysies, and corresponding from |
| ۱۱ | 到 | 40.0 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Ann/43.15 | to bother | , 1 | <u>a</u> , | Proper contine |
| | | | 7 | Miralin'/ | | | | zee only an sultan hydroxide |
| | | | ~~~ | Sulfide Monde | | | | tice only sulfuric Acid |
| Shipment for Usse Complete? N | Sampla(s) to | be used f | Sample(s) to be used for laboratory GC: | Additional Sampler Signature(s): | ler Signature(s): | Sec. | Cooler Temperature Upon Receipt | Chain of Custody Seat Number: |

PR NUMBER: 2-500684269-083105-0001 PR provides preliminary results. Requests for preliminary results will increase analytical costs. Send Copy to: Sample Management Office, 2000 Edithund Halley Dr., Reston, VA. 2019: 3400 Phone 703/264-8346 Fex 703/264-9222

Akalinity = Alkalinity, NO3 = Nitete, S- = Sulfide, SO4C! = Sulfate/Chloride, TOC = Total Organic Carbon Concentration: L= Low, M= Low/Medium, H= High

Analysis Key:

F205 1. U45 Page 1 of f

Custody Seal intect? Shipment lead?

TypeiDesignate: Composite = C, Grab = G

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Reference Case: 34578

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|-------------------------------------|--|---------------------|--|--|---|--|-------------------------|-----------------------------|-------------------------------|---------------|
| Region: Project Code: | 63 | | | Date Shipped: Carrier Name: | 8/31/2005 Fed Fx | ਠ | Chain of Custody Record | / Record | Sampler A | lean D |
| Account Code: | | | | Alrbilli | 853166420829 | æ } | Relinquished By | (Date / Time) | Received By | (Date / Time) |
| Spill ID: | NYD047650197 O2LH | 197 | | Shipped to: | USEPA REGION II DESA LAB | | Woller, | Com 28/1/65/1810 | | |
| Site Name/State; Project Leader: | Stanton Cleaners Leslee Alexander | aners Areu Inder | Stanton Cleaners Area Groundwater Contami Leslee Alexander | | Building 209, MS-230 2590 Woodbridge Ave. Edison NJ 08837 | 30 v. | | | | |
| Action: Sampling Co: | Coerations and Maintenance Earth Tech | and Mainte | enance | | (732) 906-6886 | 4 | | AND AND DESCRIPTIONS | | |
| SAMPLE No. | MATRIXI SAMPLER | CONC | ANALYSISI TURNAROUND | TAG No./ PRESERVATIVE/ Bottles | o,/ चि Bottlea | STATION LOCATION | SAMPL | SAMPLE COLLECT DATE/TIME | | oc Type |
| EPA-MW-26 M | Monitor Well/ Russ Reynolds | ୭/ | Alkalinity (14), NO3 (14), S- (14), SO4CI (14), TOC (14) | (Zine-Acetate& Sodium See Hydroxide) (5) (Fr) nox | odium See | EPA-MW-26 | S; 8/3//2005 | 15:45 | | . (|
| EPA-MW-27 M | Monitor Well! Russ Reynolds | 2 | Alkalinity (14), NO3 (14), S- (14), SO4CI (14), TOC (14) | Jac (A)-(MuCapl) | ~, 4 | EPA-MW-27 | S; 8/31/2005 | 12:15 | | (12) |
| EPA-MW-9A M | Monitor Well/ Russ Reynolds | 2 | | (H2SG4) (8) J.S. (A) 11-21 | <u> </u> | EPA-MW-9A | 5; 8/31/2005 | 9:00 | | ı |
| ST-MW-12 N | Monitor Well/ Lesiee Alexander | 2 | | (los Only (6)- Jee | n I | ST-MW-12 | S: 8/31/2006 | 12:05 | | Į. |
| ST-MW-17 M | Monitor Well | ଦୁ | က္ထ | (lee-Only) (5) see | 3- 3 | ST-MW-17 | 5; 8/31/2005 | 10:35 | | 1 |
| ST-MW-19 M | Monitor Well/ Lesiea Alexander | P/9 | | (lee Only TST Sco | 74. 74. | ST-MW-19 | S: 8/31/2005 | 16:30 | | 3 |
| ST-MW-20 M | Monitor Well/ Leslee Alexander | 78 | Alkalinty (14), NO3 (14), S- (14), SO4CI (14), TOC (14) | sto Miles | es 24/4 | ST-MW-20 | S: 8/31/2005 | 14:35 | | • |
| Ersollof It. | | | are the required analytis, It of butter for analytic, and insportation | . OF batter F. | no losapsion of | y Messorval | د برو | | | |
| Z, | | | H. of Bother | Botton | Jeristander | 11/2 | | | | |
| | N Franc Sulfide Troc Sulfide/(hloride | XI. | - | | Ein audole i Silfania dei Ece culy | rin accordition the book sight suffered acid | 2,49.49 6. | | | |
| Shipment for Case Complete? N | Sample(s) |) to be use | Sample(s) to be used for laboratory QC: | | Additional Sampler Signature(s): | Signature(s): | | | Chain of Custody Seal Number: | eal Number: |

IR Number:

Alkalınlıy = Alkalınlıy, NO3 = Nılrate, S- = Suilrae, SO4O = Sulfate/Chloride, TOC = Total Organic Carbon Concentration: L = Low, M = Low/Medium, H = High

Analysis Key;

TR Number: 2-500684269-083105-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 2000 Edmund Halley Dr., Reston, VA. 20191-3400 Phone 703/264-9348 Fax 703/284-9222

FZV5.1.045 Page 1 of 1

Shipment iced?

Type/Dasignate: Composite = C, Grab = G

Dete Shipped:

Carrier Name:

Shipped to: Airbill

| ORGANIC SAMPLE No. | MATRIXI Sampler | CONC | ANALYSIS! TURNAROUND | TAG No.1 PRESERVATIVE BOTHES | STATION LOCATION | SAMPLE COLLECT DATE TIME | 5 | INORGANIC SAMPLE NO. | FOR LAB USE ONLY Sample Condition On Receipt |
|-----------------------|--------------------------------------|----------|-------------------------|---------------------------------|---------------------|-----------------------------|-------|-------------------------|---|
| B36X1 | Monitor Well! Lesise Alexander | <u>9</u> | VOA (14) | (HCL) (3) | ST-MW-20 | S: 8/31/2005 | 14:35 | | |
| Взбхз | Monitor Well/ Russ Reynolds | 93 | VOA (14) | (HCL) (6) | EPA-MW-27 | 5: 8/31/2006 | 12:15 | | |
| B36X4 | Monitor Welli Russ Reynolds | 97 | VOA (14) | (HCT) (3) | EPA-MW-26 | S: 8/31/2005 | 15:45 | | |
| B36X5 | Monitor Well Los Les 31% outen | ଥ | VOA (14) | (HCL) (3) | ST-MW-17 | \$: 8/31/2005 | 10:35 | | |
| ВЗБХВ | Monitor Well/ Lesies Alexander | 97 | VOA (14) | (HCL) (3) | ST-MW-12 | 8: 8/31/2005 | 12:06 | | |
| B36X7 | Monitar Well/ Rusa Reynolds | 9 | VOA (14) | (HCL) (3) | EPA-MW-9A | S: 8/31/2005 | 9:00 | | |
| B38Y3 | Monitor Well/ Russ Reynolds | 9 | VOA (14) | (HOL) (3) | ST-WW-08 | S: 8/31/2005 | 10.20 | | |
| B36Y6 | Monital Well Russ Reynolds | ଥ | VOA (14) | (HCL) (3) | ST-MW-14 | 5: 8/31/2005 | 11.20 | | |
| B36Z1 | Monitor Well/ Lesiee Alexander | en On | VOA (14) | (HCL) (3) | ST-4/W-19 | S: 8/31/2005 | 16:30 | | |
| B38Z5 | Field QC/ Lesies Alexander | ള | VOA (14) | (HCL) (3) | €-81 | S: 8/31/2005 | 9.00 | | |

| Shipment for Case Complete? | Semple(a) to be u | Pample(a) to be used for laboratory QC: | Additional Sampler Signature(s): | Cooler Temperature | Chain of Custody Seal Mumber: | ber: |
|--------------------------------|-------------------|---|---|--------------------|-------------------------------------|----------------|
| | 836X3, B3709 | | | חלפט עבכבולים | | |
| Analysis Key: | Concentration; | Concentration; L=Low,M=LowMedium,H=High | Type/Designate: Composite = C, Grab = G | | Custody Seal Intact? Shipment lead? | Shipment teed? |
| VOA = CLP TCL Volatiles | | | | | | |

| USEPA Contract Laboratory Program | Organic Traffic Report & Chain of Custody Record |
|-----------------------------------|--|
| | |

| SEPA | | ıtracı affic | USEPA Contract Laboratory Program Organic Traffic Report & Chain of Cu | USEPA Contract Laboratory Program Organic Traffic Report & Chain of Custody Record | cord | Signature and si | Case NO. DAS No: SDG No: | 2 | |
|-------------------------|-------------------------------|-----------------|---|---|---------------------------|--|--------------------------------|----------------------------|---|
| Date Shipped: 8/31/2005 | 8/31/2006 | - 1 | Chain of Custody Record | y Record | Sampler X W. L. Signatura | S S | For Lab Use Only | July | |
| Carrier Name: | FedEx | | Relinquished By | (Date / Time) | Received By | (Date / Time) | Lab Contract No: | | |
| Airbill; Shipped to: | 853166420781 A4 Scientific | ·** | XIII LINS | 1 88/2/05/8W | | | Unit Price. | | |
| | 1544 Sawdust Road | | 7 7 | | 586 S) N | N | Transfer To: | | |
| | The Woodlands TX 77380 | 77380 | ဧ | | | | Lab Contract No: | | |
| | (201) 204-0211 | | 4 | | | | Unit Price: | | |
| ORGANIC SAMPLE No. | MATRIW SAMPLER | CONC | ANALYSIS/ TURNAROUND | TAGNO./ PRESERVATIVE/ Bottles | STATION LOCATION | SAMPLECOLLECT DATE/TIME | | INORGANIC SAMPLE No. Sa | FOR LAB USE ONLY Sample Condilion On Receipt |
| B3700 | Field QC/ Russ Reynolds | 2 | VOA (14) | (HCL) (3) | FB-3 | S: 8/31/2005 | 12;15 | | |
| B3705 | Field QC/ Leslee Alexander | 2 | VOA (14) | (HCL) (3) | Equipment Blank-3 | S; 8/31/2005 | 6:00 | | |
| B3709 | Field QC/ Russ Reynolds | 2 | VOA (14) | (HCL) (3) | EPA-MW-27-A | S: 8/31/2005 | 12:15 | | |

| Shipment for Case Comblete?Y | Sample(s) to be u | Sample(s) to be used for laboratory QC: | Additional Sampler Signature(s): | Cooler Temperature | Chain of Custody Seal Number: | er |
|---------------------------------|-------------------|---|---|--------------------|-------------------------------------|----------------|
| - | B36X3, B3709 | | | disparation | | |
| Analysis Key: | Concentration: | L = Low, M = Low/Medium, H = High | Type/Designate: Composite = C, Grab = G | 9- | Custody Seal Intact? Shipment Iced? | Shipment Iced? |
| VOA = CLP TCL Volatiles | | | | | | |

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Case No:

(Date / Time) Sample Clarks Signature Clarks No. 8 Received By INORGANIC 1 ACCOUNTS STATES (Date / Time) DAS No: Chain of Custody Record SAMPLECOLLECT Relinquished By A4 Scientific 1544 Sawdusf Road Suite 506 The Woodlands TX 77380 (281) 292-5277 STATION 853166420781 Date Shipped: 8/31/2005 FedEx TAG No./ Carrier Name: Shipped to: Alroil!: Stanton Cleaners Area Groundwater Contami ANALYSIS Operations and Maintenance CONC Leslee Alexander NYD047650197 Earth Tech SAMPI FR OZLH Site Name/State: Project Leader: Account Code: Project Code: Sampling Co. CERCLIS ID: ORGANIC Spill 10; Actions

| SAMPLE No. | SAMPLER | 7/FE | TURNAROUND | PRESERVATIVE/ Bottles | LOCATION | DATE | DATETIME | SAMPLE NO. | - Lype |
|------------|--------------------------------------|------|------------|-----------------------|---------------|--------------|----------|------------|------------|
| B36X1 | Montor Welli Leslee Alexander | ଥ୍ୟ | VOA (14) | (HCL) (3) | ST-MW-20 | 5: 8/31/2005 | 14.35 | | |
| B36X3 | Monitor Well! Russ Reynolds | 97 | VOA (14) | (HCL) (6) | EPA-WW-27 | S: 8/31/2005 | 12:15 | | Spike |
| B36X4 | Monitor Well/ Russ Reynolds | 97 | VOA (14) | (G) (TOH) | EPA-MW-26 | S: 8/31/2005 | 15:45 | | į F |
| B36X5 | Monitor Well | 9/1 | VOA (14) | (Hct) (3) | ST-WW-17 | S: 8/31/2006 | 10:35 | | F |
| B36X6 | Monitor Well/ Lesiee Alexander | רופ | VOA (14) | (HCL) (3) | ST-MW-12 | S: 8/31/2005 | 12:05 | | g i |
| B36X7 | Monitor Well/ Russ Reynolds | e P | VOA (14) | (HCL) (3) | EPA-MW-9A | S: 8/31/2005 | 9:00 | | • |
| B36Y3 | Monitor Well/ Russ Reynolds | 2 | VOA (14) | (HCL) (3) | 31-MW-06 | S; 8/31/2006 | 10:20 | | ÷ |
| 83646 | Monitor Well/ Russ Reynolds | 2 | VOA (14) | (e) (TOH) | ST-MW-14 | S: 8/31/2005 | 1120 | | E . |
| B36Z1 | Monitor Well/ Lesies Aisxander | 20 | VOA (14) | (HCL) (3) | ST-WW-19 | S: 8/31/2005 | 16:30 | | 3 |
| B36Z6 | Field QC/ Leslee Alexander | 8 | VOA (14) | (HCL) (3) | ₽ 8 .3 | S; 8/31/2005 | 8,00 | | Trip Blank |

| Shipment for Case Complete? Y | Sample(s) to be u | (s) to be used for laboratory QC: | Additional Sampler Signeture(s): | Signetura(s): | Chain of Custody Seal Number: |
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| | B36X3, B3709 | | | | - |
| Analysis Key: | Concentration: | Concentration: L= Low, M= Low/Medium, H ≈ High | Type/Designate: | Type/Designate: Composite = C. Grab = G | Shipment lead? |
| VOA = CLP TCL Volatiles | | | | | |
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TR NUMBER: 2-500684269-083105-0002
PR provides preliminary results. Requests for preliminary results with increase analytical costs.
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HAVDALUKD Page 1 of 2

| EPA USEPA Organ | M USEPA Contract Laboratory Program | Organic Traffic Report & Chain of Custody Record |
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| Region: Project Code: | 2 | | | Date Shipped: Carrier Name | 5/31/2005 Fed Ev | 5 | Chain of Custody Record | Record | Sampler Signature | Menton S. |
| Account Code: | -0. | | | | 853166420781 | Re | Relingaished By | (Date / Time) | Received By | (Date / Time) |
| CERCLIS ID: | NYD047650197 | 197 | | i to: | A4 Scientific | | CANONIA CANONIA | 2.8/4/65 /8w | tasses | |
| Site Name/State: | | ners Area Grou | OZLM Stanton Cleaners Area Groundwater Contami | | 1544 Sawdust Road Suite 505 | 080 | | | | |
| Project Leader: | | nder | | | The Woodlands TX 77380 | TX 77380 | | | | |
| Action: | Operations a | Operations and Maintenance | æ | | (401) 404-0411 | 1 | | | | |
| Sampling Co: | Earth Tech | | | | | 4 | | | | 20 0000 20 0000 20 |
| ORGANIC SAMPLE No. | MATRIX SAMPLER | CONC | ANALYSIS: TURNAROUND | TAG No./ PRESERVATIVE/ Bottles | o./ Er Bottles | STATION LOCATION | SAMPLE | SAMPLECOLLECT INC | INORGANIC SAMPLE No. | ac Type |
| 83700 | Fleid QC/ Russ Reynolds | P/1 | VOA (14) | (HCL) (3) | | FB-3 | S: 8/31/2005 | 12:15 | | Lab QC |
| B3705 | Field QC/ Leslee | 9 | VOA (14) | (HCL) (3) | | Equipment Blank-3 | S: 8/31/2005 | 8:00 | | Rinsate |
| B3709 | Alexander Field QC/ Russ Reynolds | ള | VOA (14) | (HCL) (3) | | EPA-MW-27-A | S: 8/31/2005 | 12:15 | _ - | Field Duplicate |

| Shipment for Case Complete? Y | Sample(s) to be u | Sample(s) to be used for laboratory QC: | Additional Sampler Signature(s): | olgnature(s): | Chall of Custody Ocal Hallber |
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| | B36X3, B3709 | | | | |
| nalysis Key | Concentration: | Concentration: L=Low, M=Low/Medium, H=High | Type/Designate: | Type/Designate: Composite = C, Grab = G | Shipment load? |

IR Number: 2-500684269-083105-0002 Pr provides preliminary results will increase analytical costs. Send Copy to: Sample Management Office, 2000 Edmund Halley Dr., Reston, VA. 20191-3400 Phone 703/264-9348 Fax 703/264-9222

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| | The Woodlands TX 77380 [281] 292-5277 | 1544 Sawdust Road Suite 505 | Shipped to: A4 Scientific | | Date Shipped: 9/1/2005 | EPA USEPA CO |
|-------------|---------------------------------------|--------------------------------|---------------------------------------|-------------------------------|---|--|
| 4 | 77380 3 | 2 | POWERSANDER OFfice-1500 | Rejinguished By (Date / Time) | Chain of Custody Record | USEPA Contract Laboratory Program Organic Traffic Report & Chain of Custody Record |
| | | | | Received By (Date / Time) | Sampler Maldon | ecord |
| Unit Price: | Lab Contract No: | Transfer To: | Unit Price: | Lab Contract No: | For Lab Use Only | Case No: 34578 DAS No. SDG No: |
| | | | , , , , , , , , , , , , , , , , , , , | | e for the second property of the second party | |

ORGANIC SAMPLE No.

MATRIX SAMPLER

TYPE

ANALYSIS/ TURNAROUND

TAG No./ PRESERVATIVE/ Bottles

STATION

SAMPLE COLLECT DATE/TIME

INORGANIC SAMPLE No.

FOR LAB USE ONLY Sample Condition On Receipt

| 14:06 | S: 9/1/2005 | EPA-MW-23-A | (HCL) (3) | VOA (14) | L/G | Monitor Well/ Lesiee Alexander | 83/08 |
|--|---------------|-------------------|-----------|----------|---------|-----------------------------------|-------|
| | | | 8 | 9 | i | Russ Reynolds | |
| 10:00 | S: 9/1/2005 | Equipment Blank-4 | (HCL) (3) | VOA (14) | ္ပ် | Field QC/ | B3706 |
| 8:00 | S: 9/1/2005 | - B | (MCL) (3) | VUA (14) | L/6 | Lesies Alexander | B3/01 |
| Comment of the Commen | | | | | | Leslee Alexander | |
| 7:50 | S: 9/1/2005 | TB.4 | (HCL) (3) | VOA (14) | ار م | Field QC/ | B36Z6 |
| 10:10 | S: 9/1/2005 | 8T-MW-16 | (HCL) (3) | VOA (14) | -C | Monitor Well/ Lesiee Alexander | B36Y8 |
| 9:15 | S: 9/1/2005 | ST-MW-15 | (HCL) (3) | VOA (14) | L/G | Monitor Well/ Russ Reynolds | B36Y7 |
| 11:55 | S: 9/1/2005 | ST-MW-13 | (HCL) (3) | VOA (14) | ခ် | Monitor Well/ Russ Reynolds | B36Y5 |
| 15:10 | S: 9/1/2005 | ST-MW-02 | (HCL) (3) | VOA (14) | 6 | Monitor Well/ Russ Reynolds | B36Y2 |
| 14:05 | S: 9/1/2005 1 | EPA-MW-23 | (HCL) (6) | VOA (14) | L'G | Monitor Well? Leslee Alexander | B36Y0 |
| 13:56 | S; 9/1/2005 | EPA-MW-21 | (HCL) (3) | VOA (14) | L/G | Monitor Well/ Russ Reynolds | взехя |

| Shipment for Case Complete?N | Sample(s) to be used for laboratory QC: | Additional Sampler Signature(s): | Cooler Temperature | Chain of Custody Seal Number: |
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| 7.9 | B36Y0 | | | |
| Analysis Key: | Concentration: L=Low, M=LowAdedium, H=High | Type/Designate: Composite = C, Grab = G | | Custody Seal Intact? Shipment Iced? |
| VOA = CLP TCL Volatiles | 38 | Market Co. | | |
| | | | | |

IR Number: 2-500684269-090105-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 2000 Edmund Halkey Dr., Reston, VA. 20191-3400 Phare 703/264-9348 Fax 703/264-9222

| | USEPA Col Organic Tr | ntract | USEPA Contract Laboratory Program Organic Traffic Report & Chain of Cu | USEPA Contract Laboratory Program Organic Traffic Report & Chain of Custody Record | cord | | CASE NO: DAS No: SDG No: | AS NO: 545/8 DG NO: |
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| | 9/1/2005 | | Chain of Custody Record | y Record | Sampler XXIII | Medic | For La | For Lab Use Only |
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| | Suite 505 | | 2 | | | | Transfer To: | To: |
| | The Woodlands TX 77380 | 77380 | ယ | | | | Lab Cor | Lab Contract No: |
| | (601) 606-0611 | | 4 | | | | Unit Price: | 6 |
| ORGANIC SAMPLE No. | MATRIX/ SAMPLER | CONC | ANALYSISI TURNAROUND | TAG No./ PRESERVATIVE/ Bottles | STATION | SAMPLE COLLECT DATE/TIME | AT LECT | INORGANIC SAMPLE No. |
| B3711 | Monitor Well/ Lesiee Alexander | <u>ا</u> | VOA (14) | (HCL) (3) | EPA-MW-22 | S: 9/1/2005 | 11:30 | |

B3712

Monitor Well/ Leslee Alexander

5

VOA (14)

(HCL) (3)

EPA-MW-25

S: 9/1/2005

9:00

| Custody Seal Intact? S | Shipment for Case Complete?N | Sample(s) to be used for laboratory QC: | Additional Sampler Signature(s): | Cooler Temperature Upon Receipt | Chain of Custody Seal Number: | berr |
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Organic Traffic Report & Chain of Custody Record

| DAS No: | Case No: 34578 |
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| B3708 | B3706 | B3701 | 63626 | B36Y8 | B36Y7 | B36Y5 | B36Y2 | B36Y0 | B36X9 | ORGANIC SAMPLE No. | Region: Project Code: Account Code: CERCLIS ID: Spill ID: Stie Name/State Project Leader: Action: Sampling Co: |
|-------------------------|---|----------------------------------|----------------------------|-------------------------|--------------------------------|--------------------------------|---|-------------------------|--------------------------------|-----------------------------------|--|
| Monitor Well/ Lesies | Alexander Field QC/ Russ Reynolds | Alexander Field QC/ Lesiee | Alexander Field QC/ Lestee | Monitor Well/ Leslee | Monitor Well/ Russ Reynolds | Monitor Well/ Russ Reynolds | Alexander Monitor Well/ Russ Reynolds | Monitor Well/ Lesiee | Monitor Well/ Russ Reynolds | MATRIX SAMPLER | |
| <u> </u> | L/G | L/6 | L/6 | C 6 | L/6 | 5 | L/G | 5 | μG | CONCI | 2 OZLH OZIA Clanton Cleaners Area Grou Stanton Cleaners Area Grou Lesiee Alexander Coperations and Maintenance Earth Tech |
| VOA (14) | VOA (14) | VOA (14) | VOA (14) | VOA (14) | VOA (14) | VOA (14) | VOA (14) | VOA (14) | VOA (14) | ANALYSISI TURNAROLND | VYD047650197 O2LH Stanton Cleaners Area Groundwater Contami Lesiee Alexander Coperations and Maintenance Earth Tech |
| (HCL) (3) | (HCL) (3) | (HCL) (3) | (HCL) (3) | (HCL) (3) | (HCL) (3) | (HCL) (3) | (HCL) (3) | (HCL) (6) | (HCL) (3) | TI PRESERV | Date Shipped: Cerrier Name: Airbill: Shipped to: |
| | _ | | | | | | | | | TAG No./ PRESERVATIVE! Bottles | t: 9/1/2005 FedEx 853166420792 A4 Scientific 1544 Saydust Road Suite 505 The Woodlands TX 77380 (281) 292-5277 |
| EPA-MW-23-A | Equipment Blank-4 | F8-4 | TB-4 | ST-MW-16 | ST-MW-15 | ST-MW-13 | ST-MW-02 | EPA-MVV-23 | EPA-MW-21 | STATION LOCATION | |
| S; 9/1/2005 | 4 S: 9/1/2005 | S: 9/1/2005 | 8: 9/1/2006 | S: 9/1/2005 | S: 9/1/2005 | S: 9/1/2005 | S: 9/1/2005 | S: 9/1/2005 | S: 9/1/2005 | SAMPL DA | Chain of Custody Record Relinquisted By Date St. |
| 14:05 | 10:00 | B:00 | 7:50 | 10:10 | 9:15 | 11:55 | 15:10 | 14:05 | 13:56 | SAMPLE COLLECT DATE(TIME | (Date / Time) |
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| Case No: | 34578 |
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| DAS No | |

| B3711 Monitor Well/ Les lee Alexander B3712 Monitor Well/ | ORGANIC MATRIXI SAMPLE No. SAMPLER | Region: 2 Project Code: Account Code: CERCLIS ID: NYD04 Spill ID: O2LH Site Name/State: Stanto Project Leader: Lesiee Action: Opera Sampling Co: Earth |
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| el/ L/G | PLEN TYPE | 2 NYD047650197 O2LH Stanton Cleaners Area Groun Lesiee Alexander Operations and Maintenance Earth Tech |
| VOA (14) | ANALYSISI TURNAROUND | 2 NYD047650197 O2LH Stanton Cleaners Area Groundwater Contaml Lesiee Alexander Operations and Maintenance Earth Tech |
| (HCL) (3) | TAG No./ PRESERVATIVE! Bottles | Date Shipped: 9/1/2005 Carrier Name: FedEx Airbill: 853166420792 Shipped to: A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX (281) 292-5277 |
| EPA-MW-22 EPA-MW-25 | STATION LOCATION | 92 st Road st X 77380 |
| S: 9/1/2005 1 S: 9/1/2005 9 | SAMPLE COLLECT DATE/TIME | Chain of Custody Record Relingylished By [Dat 2 2 3 3 |
| 11:30 9:00 | | cord (Date / Time) ACP/by/6/5 / 923 |
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Attachment C

August 29-September 1 Sampling Event

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| Federa, US Airbill Met 8531 6642 0818 | 1 From Present and Supplied Sondar's Foots. Date \$130/05 Account Number 237442598 Sender's James Kearns Phone (804, 283-598) Namu | اد ا | Megion Biring (734, 40 Megion I DESA L Loadbidge Avenue | We cannot disert of the box's or Pal. 2P codes. Address Address Building do g missing the codes of the form of the form of the code of |

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| 4a Express Package Service | arvice | Packages up to 180 lbs. |
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| | Feetx US Airbill (Market) 8531 6642 0781 | form. 0200 |
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| ſ | From Plagate print and pross bank | 4a Express Package Service Packages up to 150 III |
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| | Sender's James Hearns Phone (804) 183-5981 | FedEx 2Day FedEx Express Saver Second Law viss ray* Third definess cay* |
| | company Earth Toch | 4b Express Freight Service Packages over 190 to To neet location |
| | Address 110 Catte Mill Rd. Geographic Boom | FedEx 1Day Freight* FedEx 2Day Freight Second Business day* * Callier Continuation: FedEx 2Day Freight FedEx 3Day Freight Second Business day* * Callier Continuation: |
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| 3 | For Recipient's [Rana Cuiz Phone (281, 292-527) | SATURDAY Delivery Available ONLY for Selfs: Fainty (sonight Feders 2014), Feders I law freelts: and Feders 2014, Feders I law freelts: All of the Feders 2014, Feders I law freelts: All of |
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| | Address To request a package tim holds to specific FodEx acation, print FodEx address hera. | Support Tabili Suppor |
| | ony The woodlands state TX zip 77380 | Total Packages Total Weight Total Declared Value* |
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| | | Our lie Mitty is limited in Still unless you need to a higher using. See head for details. |

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Por Cate 11/23*Part#166281.*/01/984-2003/mif/x**PRINTEC WN 3-5,4, ISBN 10/15

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| | Sender's James Kearns Phone (804, 283-598) |
| ļ | company Eath Tech |
| | Address 110 Catter Mill Ad. |
| | city Grent Neck State NY 2119 11021 |
| | Your Internal Billing Reference |
| 1 | To Recipion's Sample Le, lodian Dohn Birri Phone () 121 906-6896 |
| | company USEPA Region II DESA Lab |
| | Recipient's 2590 Woodb-dge Avente Address We cannot de feer to 29, Source or P.C. 218 codes. Deptilization Recent |
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| print FedEx acidiassinero. | | AVA LUCH TOTAL AND FOR | Sample Custodian | É | | Address 10 Cotter Mill Food | | X, | Sender's FedEx Account Number | |
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| | Sender's Janges Kearns Phone (104) 253-5981 | FedEx 2Day FedEx Express Saver Paul lisacress day Fedix Express Saver Paul lisacress day Fedix Express Fedix Expre | |
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| | Address 110 Catter Mill KI | FedEx 1Day Freight* FedEx 2Day Freight Second business say* *Cst for Confirmation | FedEx 3Day Freight Third business day** |
| | City Great Neck State NY ZIP 11021 | FedEx Pak" FedEx Pak" FedEx Pak FedEx Pak Box FedEx Fe | Declared value limit \$500 FedEx L Other Tube |
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| 3 | Recipient's Eleana Cruz Phone (281) 291-5277 | Herita Pototy Connect Not 2009. Herita Connect Not Not Available for Fedicing Connections of the Connection Service Connections Service Connections Connections Service Control of Connect | at FedEx Location Available ONLY for FedSx Pressy Promisit and FedEx 20ay to selectionations |
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| • | Name E Edward (** L.2 Phone (** 1.2) | Doub this shipment contain dangerous goods? One box mest be clacked. Yes Shipper standed To Payment For the Fall to: Enter Feder Axxx, No. or Cercit Card No. between Section S | Available ONLY for Peter Proving From Page 1 Proving Proving From Page 1 Proving Provi |
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For Bats 11/00+24 to \$2291+001554, 2000 Fores+PRINTED IN HIS A., SPV 03/05

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Attachment D

August 29-September 1 Sampling Event

WATER LEVEL DATA SUMMARY

PROJECT: Stanton Cleaners JOB NUMBER: 70536

LOCATION: Great Neck, NY DATE: 8/29/2005

USACE / USEPA Leslee

WEASURED BY: Alexander

CLIENT: USACE / USEPA MEASURED BY:
SURVEY DATUM: ft msl

DEVICE: Solinst Water Level Indicator S/N# 34407

Time (Military) MEASURING POINT DEPTH T

| | Time (Military) | MEASURING F | POINT | DEPTH TO | ELEVATION OF | |
|-----------|-----------------|-------------|-------------------|------------|--------------|-------------------------------------|
| | | Description | Elevation (FT) | WATER (FT) | WATER (FT) | COMMENTS |
| ST-MW-02 | 8:45 | TOC | 82.03 | 64.42 | 17.61 | |
| ST-MW-16 | 8:50 | TOC | 75.78 | 55.21 | 20.57 | |
| EPA-MW-25 | 8:55 | TOC | 73.24 | 55.94 | 17.30 | |
| EPA-MW-26 | 9:02 | TOC | 78.37 | 59.77 | 18.60 | |
| ST-MW-15 | 9:09 | TOC | 90.13 | 73.98 | 16.15 | |
| ST-MW-18 | 9:14 | TOC | 84.40 | 73.78 | 10.62 | |
| ST-MW-12 | 9:17 | TOC | 87.20 | 71.61 | 15.59 | |
| ST-MW-17 | 9:19 | TOC | 86.53 | 70.99 | 15.54 | |
| ST-MW-20 | 9:21 | TOC | 84.53 | 71.83 | 12.70 | |
| ST-MW-19 | 9:29 | TOC | N/A | 66.71 | | |
| ST-MW-09 | | TOC | N/A | | | well concreted over |
| EPA-MW-9A | 9:33 | TOC | 80.24 | 64.09 | 16.15 | well vault smashed, casing intact |
| EPA-MW-24 | 9:40 | TOC | N/A | 66.52 | | extraction system installed |
| ST-MW-06 | 10:00 | TOC | 69.83 | 46.25 | 23.58 | |
| EPA-MW-27 | 10:06 | TOC | 69.32 | 52.11 | 17.21 | |
| ST-MW-14 | 10:09 | TOC | 69.73 | 55.71 | 14.02 | |
| ST-MW-01 | 10:03 | TOC | N/A | 52.72 | | |
| EPA-MW-23 | 10:11 | TOC | 82.83 | 65.03 | 17.80 | at site building parking lot |
| EPA-MW-21 | 10:14 | TOC | 84.13 | 67.03 | 17.10 | in front of cleaners |
| EPA-MW-22 | 10:18 | TOC | 82.20 | 64.52 | 17.68 | end of site parking lot |
| EPA-MW-28 | 10:26 | TOC | N/A | 72.39 | | well cap secure, vault full of dirt |
| ST-MW-13 | 10:36 | TOC | 103.94 | 86.90 | 17.04 | |

N/A: Data not available

WATER LEVEL DATA SUMMARY

Stanton PROJECT:

Cleaners

Great Neck,

NY Γ LOCATION:

USACE / US

EPA CLIENT:

ft msl SURVEY DATUM:

MEASURING DEVICE: Solinst Water Level Indicator S/N# 34407

70536 JOB NUMBER:

8/29/2005 DATE:

Leslee

Alexander MEASURED BY:

| WELL | TIME | MEASURING | POINT | DEPTH TO | ELEVATION OF | |
|------------|------------|-------------|-------------------|------------|--------------|--------------------------------------|
| NUMBER | (Military) | Description | Elevation (FT) | WATER (FT) | WATER (FT) | COMMENTS |
| EPA-CL 1S | 8:52 | TOC | N/A | 13.00 | | |
| EPA-CL 010 | 9:00 | TOC | N/A | 18.75 | | |
| EPA-MW-29 | 9:21 | TOC | 31.06 | 30.19 | 0.87 | |
| CL-03 | 9:24 | TOC | N/A | 10.45 | | |
| CL-02 | | | N/A | | | could not locate |
| ST-MW-20 | 10:00 | TOC | 84.53 | 64.03 | 20.50 | |
| EPA-MW-11D | | | N/A | 59.30 | | |
| ST-MW-11 | 14:20 | тос | 75.25 | 60.03 | 15.22 | covered by car (measured on 8-31-05) |
| EPA-MW-31 | | | 51.46 | 30.02 | 21.44 | |
| EPA-MW-32 | | | 53.39 | 30.32 | 23.07 | |
| EPA-MW-33 | | | 68.75 | 44.51 | 24.24 | cover is missing |
| CL-4S | 11:40 | TOC | N/A | 4.53 | | |
| CL-4D | 10:40 | TOC | N/A | 17.53 | | |

N/A: Data not available

Appendix E Groundwater Treatment System Raw and Treated Analytical Data

| Sample | | | Date | Compounds | Result | |
|-----------------|---------|--------|------------------------|---|---------|-------------|
| Location | ECC ID* | EPA ID | Collected | Detected | (μg/L) | Qualifier** |
| | 200.2 | | | MTBE | 2 | J |
| | | | | cis-1,2-Dichloroethene | 2 | J |
| Influent | SC-01 | B0001 | 10/27/2003 | Trichloroethene (TCE) | 3 | J |
| | | | | Toluene | 3 | J |
| | | | | Tetrachloroethene | 350 (D) | |
| Effluent | SC-04 | B0002 | 10/27/2003 | None | | |
| | | | | Acetone | 61 | J |
| Trip Blank | SC-TB | B0003 | 10/27/2003 | Methylene chloride | 2 | J |
| | | | | Tetrachloroethene (PCE) | 240 | |
| Influent | SC-01 | B0177 | 11/12/2003 | Chlorodifluoromethane | 8.6 | NJ |
| | | | | | 3.3 | NJ |
| Effluent | SC-04 | B0178 | 11/12/2003 | · | 22 | NJ |
| | | | | Tetrachloroethene | 250 | |
| Influent Dup | SC-60 | B0179 | 11/12/2003 | Chlorodifluoromethane | 29 | NJ |
| | | | | | 3.4 | NJ |
| Tain Diami. | 00 TD | D0400 | 44/40/0000 | · | 9.4 | |
| Trip Blank | SC-TB | B0180 | 11/12/2003 | Chlorodifluoromethane | 4.3 | NJ |
| | | | | Tetrachloroethene | 290 (D) | |
| Influent | SC-01 | B17J3 | 12/10/2003 | | 2 | J |
| | | | | • | 3 | J |
| Effluent | SC-04 | B17J4 | 12/10/2003 | Trichloroethene 12/10/2003 None | | |
| | | | | 2/10/2003 None Tetrachloroethene | | |
| Influent Dup | SC-61 | B17J5 | 12/10/2003 | 12/10/2003 None Tetrachloroethene | | J |
| ' | | | | 12/10/2003 Tetrachloroethene cis-1,2-Dichloroethene Trichloroethene | | J |
| | | | | Trichloroethene MTBE | | J |
| Trip Blank | SC-TB | B17J6 | 12/10/2003 | Trichloroethene MTBE | | J |
| | | | | | 2 | J |
| | | | | MTBE | 2.7 | |
| 1 | 00.04 | D4000 | 4/40/0004 | cis-1,2-Dichloroethene | 1.5 | |
| Influent | SC-01 | B1000 | 1/12/2004 | Trichloroethene | 2.5 | |
| | | | | | 280 | |
| Effluent | SC-04 | B1001 | 1/12/2004 | None | | |
| | | | | MTBE | 2.6 | |
| Influent Dun | 00.00 | D4000 | 4/40/0004 | cis-1,2-Dichloroethene | 1.5 | |
| Influent Dup | SC-62 | B1002 | 1/12/2004 | Trichloroethene | 2.5 | |
| | | | | Tetrachloroethene | 300 | |
| | | | | Methylene chloride | 0.6 | К |
| Trin Blank | CC TD | B1003 | 1/12/2004 | MTBE | 3.7 | |
| Trip Blank | SC-TB | Б1003 | 1/12/2004 | Tetrachloroethene | 7.9 | |
| | | | | m&p-Xylene | 0.7 | |
| | | | | cis-1,2-Dichloroethene | 1.7 | |
| Influent | SC 04 | B17Z0 | 2/12/2004 | Trichloroethene | 3.0 | |
| Influent | SC-01 | DIZU | 2/12/2004 | Tetrachloroethene | 610 (D) | |
| | | | | Unknown TIC | 0.53 | J |
| Effluent | SC-04 | B17Z1 | 2/12/2004 | Acetone | 3.8 | J |
| | | | | Acetone | 25 | J |
| Influent Dup | SC-63 | B17Z2 | 2/12/2004 | 1,2-Dichloroethene | | |
| I IIIIuenii Dup | 30-03 | DITZZ | Z/ 1Z/ZUU 4 | Trichloroethene | 2.8 | |
| | | | | Tetrachloroethene | 440 (D) | |

| Sample | 1 | | Date | Compounds | Result | |
|----------------|---------|--------|-------------|----------------------------|------------|-------------|
| Location | ECC ID* | EPA ID | Collected | Detected | (μg/L) | Qualifier** |
| | | | | Methylene chloride | 0.16 | J |
| | | | | MTBE | 4.7 | |
| | | | | Chloroform | 0.26 | J |
| | | | | Tetrachloroethene | 7.1 | |
| Trip Blank | SC-TB | B17Z3 | 2/12/2004 | Xylene (total) | 0.56 | |
| | | | | 1,3-Dichlorobenzene | 0.40 | J |
| | | | | 1,4-Dichlorobenzene | 0.38 | J |
| | | | | Unknown TIC | 0.58 | J |
| | | | | Benzene, 1-ethyl-3-methyl- | 0.72 | JN |
| | | | | MTBE | 2.7 | |
| | 00.04 | D4770 | 0/40/0004 | cis -1,2-Dichloroethene | 1.2 | |
| Influent | SC-01 | B17Z6 | 3/10/2004 | Trichloroethene | 2.3 | |
| | | | | Tetrachloroethene | 260 | |
| Effluent | SC-04 | B17Z7 | 3/10/2004 | Tetrachloroethene | 0.70 | |
| | | | | MTBE | 2.8 | |
| | 00.04 | D4770 | 0/40/0004 | cis -1,2-Dichloroethene | 1.2 | |
| Influent Dup | SC-64 | B17Z8 | 3/10/2004 | Trichloroethene | 2.3 | |
| | | | | Tetrachloroethene | 260 | |
| | | | | Acetone | 1.8 | |
| Trip Blank | SC-TB | B17Z9 | 3/10/2004 | Toluene | 0.50 | |
| | | | | Isobutane | 41 | NJ |
| | | | | MTBE | 1.9 | |
| laftaat | 00.04 | DADCO | 4/4.4/000.4 | cis-1,2-Dichloroethene | 0.83 | |
| Influent | SC-01 | B1BS2 | 4/14/2004 | Trichloroethene | 1.5 | |
| | | | | Tetrachloroethene | 380 (D) | |
| Effluent | SC-04 | B1BS3 | 4/14/2004 | Tetrachloroethene | 1.9 | |
| | | | | Acetone | 1.2 | J |
| | | D4D04 | | MTBE | 1.5 | |
| Influent Dup | SC-65 | B1BS4 | 4/14/2004 | cis-1,2-Dichloroethene | 0.67 | J |
| | | | | Trichloroethene | 1.1 | |
| | | | | Tetrachloroethene | 260 (D) | |
| T . D | 00 TD | D4D05 | 4/4.4/000.4 | Methylene chloride | 0.17 | J |
| Trip Blank | SC-TB | B1BS5 | 4/14/2004 | Chloroform | 2.8 | - |
| | | | | Bromodichloromethane | 0.80 | |
| | | | | MTBE | 2.1 | |
| Influent | SC-01 | B1BS6 | 5/20/2004 | cis -1,2-Dichloroethene | 1.0 | |
| | | | | Trichloroethene | 1.8 | |
| Effluent | SC-04 | B1BS7 | 5/20/2004 | Tetrachloroethene Acetone | 190 1.2 | - |
| Lilident | 30-04 | 61637 | 3/20/2004 | Acetone | 0 | |
| | | | | MTBE | 2.1 | |
| Influent Dup | SC-66 | B1BS8 | 5/20/2004 | cis -1,2-Dichloroethene | 0.9 | |
| I iiiidoni Bap | | 2.200 | 0/20/2001 | Trichloroethene | 1.6 | |
| | | | | Tetrachloroethene | 200 | |
| | | | | Acetone | 1 | |
| Trip Blank | SC-TB | B1BS9 | 5/20/2004 | Chloroform | 0 | |
| · ' | | | | Bromodichloromethane | 0 | |
| | | | | Carbon Disulfide | 1.1 | |
| | | | | MTBE | 2.7 | |
| Influent | SC-01 | B1BS6 | 6/15/2004 | cis-1,2-Dichloroethene | 1.3 | |
| | | | | Trichloroethene | 2.4 | |
| | | | | Tetrachloroethene | 320 | |

| Sample | | | Date | Compounds | Result | |
|-----------------|---------|--------|------------|--------------------------|-------------|--|
| Location | ECC ID* | EPA ID | Collected | Detected | (μg/L) | Qualifier** |
| Effluent | SC-04 | B1BS7 | 6/15/2004 | Tetrachloroethene | 2.1 | |
| | | | | MTBE | 2.3 | |
| Influent Dun | SC 67 | D4DC0 | 6/45/2004 | cis -1,2-Dichloroethene | 1.2 | |
| Influent Dup | SC-67 | B1BS8 | 6/15/2004 | Trichloroethene | 2.2 | |
| | | | | Tetrachloroethene | 330 | |
| Trip Blank | SC-TB | B1BS9 | 6/15/2004 | None | | • |
| | | | | Acetone | 0.8 | |
| | | | | MTBE | 2.3 | |
| Influent | SC-01 | B1FJ2 | 7/13/2004 | cis -1,2-Dichloroethene | 1.1 | |
| | | | | Trichloroethene | 1.7 | |
| | | | | Tetrachloroethene | 170 | |
| Effluent | SC-04 | B1FJ3 | 7/13/2004 | Acetone | 0.72 | |
| Lindon | | B11 00 | 7710/2001 | Tetrachloroethene | 2 | |
| | | | | MTBE | 2.4 | |
| Influent Dup | SC-67 | B1FJ4 | 7/13/2004 | cis-1,2-Dichloroethene | 1.1 | |
| I IIII GOIN DUP | 00 0. | | 1710/2001 | Trichloroethene | 1.8 | |
| | | | | Tetrachloroethene | 160 | |
| Trip Blank | SC-TB | B1FJ5 | 7/13/2004 | Acetone | 0.73 | |
| | | 200 | .,, | Acetic Acid, Ethyl Ester | 2.5 | NJ |
| | | | | MTBE | 1.9 | |
| | | | | cis -1,2-Dichloroethene | 0.7 | |
| Influent | SC-01 | B1GH2 | 8/16/2004 | Trichloroethene | 1.5 | |
| | | | | Tetrachloroethene | 200 | |
| | | | | Acetone | 2 | |
| Effluent | SC-04 | B1GH3 | 8/16/2004 | Tetrachloroethene | 5.4 | |
| | | | | Acetone | 1.6 | |
| | | | | Acetone | 1.2 | |
| Influent Dem | 00.00 | DAGUA | 0/40/0004 | MTBE | 2 | |
| Influent Dup | SC-69 | B1GH4 | 8/16/2004 | cis-1,2-Dichloroethene | 0.7 | |
| | | | | Trichloroethene | 1.5 | |
| | | | | Tetrachloroethene | 210 | |
| | | | | Chloromethane | 0.80 | |
| | | | | Acetone MTBE | 1.0 | |
| Influent | SC-01 | | | cis-1,2-Dichloroethene | 1.5 0.70 | |
| | | | | Trichloroethene | 1.4 | |
| | | | | Tetrachloroethene | 200 | |
| | | | | Chloromethane | 0.80 | |
| Effluent | SC-04 | | | Acetone | 2.1 | |
| Lilidelit | 00-04 | | | Tetrachloroethene | 1.7 | + |
| | | | | Acetone | 1.0 | + |
| | | | | MTBE | 1.3 | |
| Influent Dup | SC-70 | | | cis-1,2-Dichloroethene | 0.60 | † |
| | | | | Trichloroethene | 1.4 | |
| | | | | Tetrachloroethene | 210 | |
| Tain DI I | 00 TD | | | Acetone | 2.2 | 1 |
| Trip Blank | SC-TB | | | 2-Butanone | 1.5 | |
| | | | | Acetone | 5 | J |
| | | | | Methylene chloride | 0.2 | J |
| lmfl | SC 04 | D41 70 | 10/01/0004 | MTBE | 0.82 | |
| Influent | SC-01 | B1LZ2 | 10/21/2004 | cis -1,2-Dichloroethene | 0.5 | |
| | | | | Trichloroethene | 1.2 | |
| | | | | Tetrachloroethene | 220 | |

| Sample | | | Date | Compounds | Result | |
|---------------|---------|--------|-------------------|-------------------------|--------|-------------|
| Location | ECC ID* | EPA ID | Collected | Detected | (μg/L) | Qualifier** |
| | | | | Acetone | 5 | J |
| Effluent | SC-04 | B1LZ3 | 10/21/2004 | Methylene chloride | 0.5 | UJ |
| | | | | Tetrachloroethene | 0.2 | J |
| | | | | Acetone | 5 | J |
| | | | | Methylene chloride | 1.1 | |
| Influent Dup | SC-71 | B1LZ4 | 10/21/2004 | MTBE | 1.1 | |
| Inilident Dup | 30-71 | DILZ4 | 10/21/2004 | 0.64 | | |
| | | | | Trichloroethene | 1.1 | |
| | | | | Tetrachloroethene | 210 | (D) |
| | | | | Acetone | 5.7 | |
| Trip Blank | SC-TB | B1LZ5 | 10/21/2004 | Methylene chloride | 0.68 | |
| | | | | Toluene | 0.39 | J |
| | | | | Acetone | 3 | J |
| | | | | Methylene chloride | 1.3 | U |
| la flaca a f | 00.04 | DATOO | 44/47/0004 | MTBE | 1.3 | |
| Influent | SC-01 | B1T22 | 11/17/2004 | cis-1,2-Dichloroethene | 0.64 | |
| | | | | Trichloroethene | 1.2 | |
| | | | | | 170 | (D) |
| | 00.04 | DATOO | 44/47/0004 | | 0.5 | ÙĴ |
| Effluent | SC-04 | B1T23 | 11/17/2004 | | | U |
| | | | | | 0.85 | U |
| | | | | MTBE | | |
| Influent Dup | SC-72 | B1T24 | 11/17/2004 | | | |
| · | | | | | | |
| | | | Tetrachloroethene | | (D) | |
| | | | | | | J |
| | | | | | | UJ |
| T . D | 00.75 | D.1705 | 44/47/0004 | | | J |
| Trip Blank | SC-TB | B1T25 | 11/17/2004 | | | J |
| | | | | | | - |
| | | | | | | UJ |
| | | | | MTBE | 1.6 | |
| | | | | cis-1,2-Dichloroethene | 0.45 | J |
| | | | | Trichloroethene (TCE) | 1.0 | J |
| | | | | Tetrachloroethene | 100 | (D) |
| | | | | Methylcyclohexane | 1 | ÜĴ |
| | | | | Bromomethane | 1 | UJ |
| Influent | SC-01 | B1T79 | 12/15/2004 | Bromodichloromethane | 1 | UJ |
| | | | | Chloromethane | 1 | UJ |
| | | | | 1,2-Dichloroethene | 1 | UJ |
| | | | | 1,2-Dichloropropane | 1 | UJ |
| | | | | 2-Hexanone | 10 | R |
| | | | | 4-Methyl-2-pentanone | 10 | R |
| <u> </u> | | | | Benzene | 0.5 | JB |
| Effluent | SC-04 | B1T81 | 12/15/2004 | 1,2,4-Trichlorobenzene | 0.5 | JB |
| | | | | 1,2,3-Trichlorobenzene | 0.5 | JB |
| | | | | Methyl tert-Butyl Ether | 1.6 | |
| | | | | cis-1,2-Dichloroethene | 0.48 | J |
| | 00.70 | DATOS | 40/45/2224 | Trichloroethene | 0.98 | J |
| Influent Dup | SC-73 | B1T80 | 12/15/2004 | 4-Methyl-2-pentanone | 10 | R |
| | | | | Tetrachloroethene | 98 | (D) |
| ii I | | | | 2-Hexanone | 10 | R |

| Sample | 1 | I I | Date | Compounds | Result | T 1 |
|-----------------|---------|---------|------------|-----------------------------|------------|-------------|
| Location | ECC ID* | EPA ID | Collected | Detected | (μg/L) | Qualifier** |
| | LOGID | LIAID | 001100100 | Chloroform | 0.1 | J |
| | | | | Cyclohexane | 0.15 | J |
| Trip Blank | SC-TB | B1T82 | 12/15/2004 | Benzene | 0.13 | JB |
| | | | | Toluene | 0.3 | J |
| | | | | MTBE | 1.5 | J - |
| | | | | cis -1,2-Dichloroethene | 0.7 | |
| Influent | SC-01 | B1W00 | 1/21/2005 | Trichloroethene (TCE) | 1.4 | |
| | | | | Tetrachloroethene | | |
| Effluent | SC-04 | B1W02 | 1/21/2005 | Acetone | 160 1.8 | |
| Eillueilt | 30-04 | DIVVU2 | 1/21/2005 | Methyl tert-Butyl Ether | 1.6 | |
| | | | | cis-1,2-Dichloroethene | 0.7 | |
| Influent Dup | SC-74 | B1W01 | 1/21/2005 | Trichloroethene | 1.4 | |
| I illiluent Dup | 30-74 | BIWUI | 1/21/2005 | Tetrachloroethene | 150 | |
| | | | | | 10 | |
| Trip Blook | SC-TB | B1W03 | 1/21/2005 | Acetone Acetone | 3.5 | |
| Trip Blank | 3C-1B | DIWU3 | 1/21/2005 | | | |
| | | | | MTBE cis-1,2-Dichloroethene | 1.4 | |
| Influent | SC-01 | AG00197 | 2/3/2005 | , | 0.5 | |
| | | | | Trichloroethene (TCE) | 1.1 | |
| | 00.04 | 1000100 | 0/0/0005 | Tetrachloroethene | 140 | |
| Effluent | SC-04 | AG00198 | 2/3/2005 | Acetone | 1.2 | |
| | | | | Methyl tert-Butyl Ether | 1.5 | |
| | 00.75 | | 0/0/0005 | cis-1,2-Dichloroethene | 0.54 | |
| Influent Dup | | | 2/3/2005 | Trichloroethene | 1.1 | |
| | | | | Tetrachloroethene | 140 | |
| | | | | Acetone | 1.1 4.3 | |
| Trip Blank | SC-TB | AG00200 | 2/3/2005 | 2/3/2005 Acetone | | |
| | | | | 4-Methyl-2-pentanone | 1.2 | |
| | | | | MTBE | 1.4 | |
| Influent | SC-01 | AG00468 | 3/9/2005 | Acetone | 2.5 | |
| | | | | Trichloroethene (TCE) | 1.1 | |
| | | | | Tetrachloroethene | 130 | |
| Effluent | SC-04 | AG00469 | 3/9/2005 | Acetone | 1.8 | |
| | | | | MTBE | 1.4 | |
| Influent Dup | SC-76 | AG00470 | 3/9/2005 | Acetone | 1.2 | |
| | | | 5.5. | Trichloroethene | 1.1 | |
| | | | | Tetrachloroethene | 130 | |
| Trip Blank | SC-TB | AG00471 | 3/9/2005 | Acetone | 1.7 | |
| | | | | Chloroform | 1.6 | |
| | | | | MTBE | 1.7 | |
| Influent | | | | 2-Butanone | 2.2 | |
| (EPA-EXT-02) | SC-01 | AG00825 | 4/22/2005 | Acetone | 2.4 | |
| (=:::=:::=; | | | | Trichloroethene (TCE) | 1.1 | |
| | | | | Tetrachloroethene | 65 | |
| | | | | 2-Butanone | 2.5 | |
| Influent | SC-02 | AG00826 | 4/22/2005 | Acetone | 5.1 | |
| (EPA-EXT-4R) | 33 02 | | 1,22,2000 | Trichloroethene (TCE) | 1.3 | |
| | | | | Tetrachloroethene | 9.5 | |
| Effluent | SC-04 | AG00827 | 4/22/2005 | None | | |
| Influent Dup | | | | 2-Butanone | 2.8 | |
| (EPA-EXT-02) | SC-77 | AG00828 | 4/22/2005 | Acetone | 4.9 | |
| (EPA-EXT-4R) | 55 // | | .,, | Trichloroethene | 1.3 | |
| | | | | Tetrachloroethene | 9 | |

| Sample | | | Date | Compounds | Result | |
|--|---------|---------|-----------|-----------------------|-----------------|-------------|
| Location | ECC ID* | EPA ID | Collected | Detected | (μ g/L) | Qualifier** |
| | | | | Acetone | 1 | |
| Trip Blank | SC-TB | AG00829 | 4/22/2005 | Chloroform | 1.7 | |
| | | | | Trichloroethene (TCE) | 0.84 | |
| Influent | | | | MTBE | 1.1 | |
| Influent (EPA-EXT-02) | SC-01 | AG01320 | 5/24/2005 | Trichloroethene (TCE) | 1.0 | |
| (EPA-EXT-02) | | | | Tetrachloroethene | 100 | |
| Influent (EPA-EXT-4R) | SC-02 | AG01321 | 5/24/2005 | Tetrachloroethene | 8.8 | |
| Effluent | SC-04 | AG01322 | 5/24/2005 | Acetone | 1.3 | |
| Influent Dup (EPA-EXT-02) (EPA-EXT-4R) | SC-78 | AG01323 | 5/24/2005 | Tetrachloroethene | 8.6 | |
| | | | _ | Acetone | 1.3 | |
| Trip Blank | SC-TB | AG01324 | 5/24/2005 | Chloroform | 13 | |
| | | | | Bromodichloromethane | 2.5 | |

Notes:

- * = Unless otherwise noted, samples collected from ECC ID SC-04 were used as the matrix spike / matrix spike duplicate sample.
- ** = Data validation was performed by EPA Region II. ECC carried over assigned qualifers and did not perform a separate review or validation of the data.
- (D) = Detection from a dilution of the sample.
- J = qualified as estimated
- JN = Presumptive evidence for the presence of the material at an estimated value.
- K = The reported value may be biased high.
- μ g/L = micrograms per liter
- $\mathsf{MTBE} = \mathsf{Tert}\text{-}\mathsf{butyl}\text{-}\mathsf{methyl}\text{-}\mathsf{ether}$
 - NJ = TIC. The reported value is estimated.
 - TIC = Tentatively Identified Compound.

Appendix F Soil Vapor Extraction and Pump and Treat System Bi-weekly Air Monitoring Logs

STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE

Soil-Vapor Extraction and Pump and Treat System Bi-Weekly Air Monitoring Log

Date: 8/2/05 Project # 70536

| | | MultiF | RAE Plus Po | 3M-50 | | | Ve | lociCalc | Plus | |
|----------------------------|-----|--------|-------------|-------|-----|-------|-----------|----------|---------|------|
| | VOC | СО | Oxygen | LEL | H2S | Temp. | Vac. Pre. | %RH | Dew pt. | Flow |
| Influent SVE (Post Blower) | 0.0 | 0 | 20.9% | 9% | 0 | 73.3 | N/A | 68.2% | 62.1 | 270 |
| Post Air Stripper | 0.0 | 0 | 21.1% | 12% | 0 | 60.7 | N/A | 95.5% | 59.4 | 120 |
| Post SVE Carbon | 9.3 | 0 | 19.8% | 4% | 0 | 124.7 | N/A | 19.2% | 70.4 | 255 |
| Post AS Carbon | 0.0 | 0 | 19.8% | 2% | 0 | 101.4 | N/A | 37.0% | 70.4 | 55 |
| Sub-Slab A | 1.9 | 0 | 20.9% | 0% | 0 | 90.6 | N/A | 60.8% | 74.7 | 18.0 |
| Sub-Slab B | 2.6 | 1 | 20.7% | 0% | 0 | 89.4 | N/A | 63.5% | 74.5 | 30.0 |
| Sub-Slab C | 1.2 | 0 | 20.9% | 0% | 0 | 90.2 | N/A | 63.5% | 75.5 | 18.0 |
| Background | 0.0 | 0 | 20.9% | 0% | 0 | 84.5 | N/A | 59.4% | 69.0 | N/A |
| SVE-EXT-4R | 1.4 | 0 | 20.9% | 0% | 0 | 89.4 | N/A | 57.6 | 72.5 | 8.75 |
| Sub Slab D | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Equipment calibrated by: Frank Mahalski/Robert Derrick Air readings collected by: Frank Mahalski/Robert Derrick

VOC: Volatile Organic Compounds

CO: Carbon Monoxide LEL: Lower Explosive Limit ppm: parts per million

temperature: measured in degrees Fahrenheit

pressure: measured in inches of water (in/H2O), inches of mercury (in/Hg), or

pounds per square inch (psi).

Flow: measured in cubic feet per minute (cfm)

%RH: relative humidity

Dew Pt.: dew point in degrees Fahrenheit

Comments:

New SVE well EPA-EXT-04 online since 11/4/04 Sub-slab sample ports online since 3/22/05 Sub slab D could not be monitored as it was blocked

by a truck

AS: Air Stripper

SVE: Soil Vapor Extraction System

N/A: not available/car blocking sample port

STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE

Soil-Vapor Extraction and Pump and Treat System Bi-Weekly Air Monitoring Log

Date: 8/9/05 Project # 70536

| | | MultiF | RAE Plus PO | GM-50 VelociCalc Plus | | | | | | |
|----------------------------|-----|--------|-------------|-----------------------|-----|-------|-----------|-------|---------|------|
| | VOC | СО | Oxygen | LEL | H2S | Temp. | Vac. Pre. | %RH | Dew pt. | Flow |
| Influent SVE (Post Blower) | 5.0 | 0 | 20.0% | 0% | 0 | 120.1 | N/A | 74.5% | 63.2 | 270 |
| Post Air Stripper | 0.0 | 0 | 20.9% | 0% | 0 | 72.8 | N/A | 67.6% | 61.7 | 120 |
| Post SVE Carbon | 0.4 | 0 | 20.9% | 0% | 0 | 101.3 | N/A | 34.9% | 78.2 | 245 |
| Post AS Carbon | 0.0 | 0 | 20.9% | 0% | 0 | 86.4 | N/A | 78.6% | 69.8 | 50 |
| Sub-Slab A | 0.7 | 0 | 20.9% | 0% | 0 | 86.1 | N/A | 70.3% | 67.9 | 16.0 |
| Sub-Slab B | 0.5 | 1 | 20.9% | 0% | 0 | 89.6 | N/A | 69.4% | 70.8 | 28.0 |
| Sub-Slab C | 0.4 | 0 | 20.9% | 0% | 0 | 94.4 | N/A | 86.4% | 82.6 | 22.0 |
| Background | 0.0 | 0 | 20.9% | 0% | 0 | 76.5 | N/A | 69.8% | 67.0 | N/A |
| SVE-EXT-4R | 0.6 | 1 | 20.9% | 0% | 0 | 93.9 | N/A | 66.1 | 73.8 | 6.5 |
| Sub Slab D | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Equipment calibrated by: Frank Mahalski Air readings collected by: Frank Mahalski

VOC: Volatile Organic Compounds

CO: Carbon Monoxide LEL: Lower Explosive Limit ppm: parts per million

temperature: measured in degrees Fahrenheit

pressure: measured in inches of water (in/H2O), inches of mercury (in/Hg), or

pounds per square inch (psi).

Flow: measured in cubic feet per minute (cfm)

%RH: relative humidity

Dew Pt.: dew point in degrees Fahrenheit

Comments:

New SVE well EPA-EXT-04 online since 11/4/04 Sub-slab sample ports online since 3/22/05 Sub slab D could not be monitored as it was blocked by a truck

AS: Air Stripper

SVE: Soil Vapor Extraction System N/A: not available/ not applicable

STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE

Soil-Vapor Extraction and Pump and Treat System Bi-Weekly Air Monitoring Log

Date: 8/24/05 Project # 70536

| | | MultiRAE Plus PGM-50 | | | | | Ve | lociCalc F | Plus | |
|-------------------------------------|-----|----------------------|--------|-----|-----|-------|-----------|------------|---------|------|
| | VOC | СО | Oxygen | LEL | H2S | Temp. | Vac. Pre. | %RH | Dew pt. | Flow |
| SVE Influent | 6.0 | 0 | 19.6% | 0% | 0 | 117.7 | | 21.4% | 67.4 | 290 |
| Post Air Stripper | 0.0 | 0 | 20.9% | 0% | 0 | 59.1 | | 58.0% | 97.5 | 1050 |
| SVE Effluent ¹ | 0.0 | 0 | 19.5% | 0% | 0 | 101.8 | | 32.7% | 67.0 | 250 |
| GW Post Vapor Effluent ² | 0.4 | 0 | 20.9% | 0% | 0 | 60.7 | | 91.7% | 58.2 | 950 |
| SS A ³ | 1.9 | 0 | 20.9% | 0% | 0 | 84.2 | | 36.5% | 56.5 | 16.5 |
| SS B ³ | 0.9 | 0 | 20.9% | 0% | 0 | 87.8 | | 45.0% | 60.0 | 2.4 |
| SS C ³ | 1.0 | 0 | 20.7% | 0% | 0 | 94.9 | | 31.0% | 62.5 | 4.25 |
| Background | N/A | N/A | N/A | N/A | N/A | 84.7 | | 28.9% | 48.3 | N/A |
| SVE-EXT-04 ⁴ | 0.8 | 0 | 20.9% | 0% | 0 | 88.1 | | 39.0% | 59 | 9.15 |
| LI HA-SS | 0.8 | 1 | 20.7 | 0% | 0 | 90.6 | | 30.0% | 55.5 | 65 |

Equipment calibrated by: Robert Derrick Air readings collected by: Robert Derrick

VOC: Volatile Organic Compounds

CO: Carbon Monoxide LEL: Lower Explosive Limit ppm: parts per million

temperature: measured in degrees Fahrenheit

pressure: measured in inches of water (in/H2O), inches of mercury (in/Hg), or $\,$

pounds per square inch (psi).

Flow: measured in cubic feet per minute (cfm)

%RH: relative humidity

Dew Pt.: dew point in degrees Fahrenheit

AS: Air Stripper

SVE: Soil Vapor Extraction System

Comments:

New SVE well EPA-EXT-04 online since 11/4/04 Sub-slab sample ports online since 3/22/05

- ¹ Formerly Post SVE Carbon
- ² Formerly Post Air Stripper Carbon
- ³ Formerly Sub-Slab A, B, and C respectively
- ⁴ Formerly SVE-EXT-

4R

N/A: not available/ not applicable

Appendix G

Semi-Annual Groundwater Sampling Analytical Data

Appendix H

Historical Groundwater Level Monitoring Results (Ongoing)

A Tyco Infrastructure Services Company

Solinst Water Level Indicator S/N# 34407

DEVICE:

WATER LEVEL DATA SUMMARY

PROJECT: Stanton Cleaners JOB NUMBER: 70536

LOCATION: Great Neck, NY DATE: 8/4/2005

CLIENT: USACE / USEPA MEASURED BY: Frank Mahalski

SURVEY DATUM: ft msl Robert Derrick

SURVEY DATUM: IL ITISI KODEIL DETI

| WELL | MEASURING P | OINT | DEPTH TO | ELEVATION OF | |
|------------|-------------|-------------------|------------|--------------|----------------------------------|
| NUMBER | Description | Elevation (FT) | WATER (FT) | WATER (FT) | COMMENTS |
| EPA-MW-11D | ft BTOC | 74.63 | 59.07 | 15.56 | 2 bolts missing, 4" pipe |
| EPA-MW-21 | ft BTOC | 84.13 | 66.85 | 17.28 | all bolts missing |
| EPA-MW-22 | ft BTOC | 82.20 | 64.38 | 17.82 | 2 bolts missing |
| EPA-MW-23 | ft BTOC | 82.83 | 64.88 | 17.95 | 1 bolt missing |
| EPA-MW-27 | ft BTOC | 69.32 | 51.84 | 17.48 | all bolts missing |
| ST-MW-02 | ft BTOC | 82.03 | | | partially paved overcan't open |
| ST-MW-06 | ft BTOC | 69.83 | 45.80 | 24.03 | all bolts missing, 4" pipe |
| ST-MW-09 | ft BTOC | 78.13 | 63.94 | 14.19 | two bolts missing, broken casing |
| ST-MW-11 | ft BTOC | 75.25 | | | underneath carcan't measure |
| ST-MW-12 | ft BTOC | 87.20 | 71.42 | 15.78 | one bolt missing |
| ST-MW-14 | ft BTOC | 69.73 | 55.45 | 14.28 | all bolts missing |
| ST-MW-16 | ft BTOC | 75.78 | 54.82 | 20.96 | all bolts missing |
| ST-MW-17 | ft BTOC | 86.53 | 70.78 | 15.75 | all bolts missing |
| ST-MW-19 | ft BTOC | 82.50 | 66.53 | 15.97 | all bolts missing |
| ST-MW-20 | ft BTOC | 84.53 | 71.59 | 12.94 | all bolts missing |

Treatment System:

Total Gallons Pumped: Pumping Rate: GPM

| | | 10/29/2003 | | 10/31 | 1/2003 | 11/22/03 | 3 - 11/23/03 |
|-----------|-------------------------------------|------------------|-----------------------|------------------|-----------------------|------------------|-----------------------|
| Well ID | Top of PVC Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) |
| EPA-MW- | | | | | | | |
| 11D | 74.63 | 57.74 | 16.89 | 57.94 | 16.69 | 60.07 | 14.56 |
| EPA-MW-21 | 84.13 | 66.70 | 17.43 | 66.14 | 17.99 | 66.86 | 17.27 |
| EPA-MW-22 | 82.20 | 64.51 | 17.69 | 64.08 | 18.12 | 65.09 | 17.11 |
| EPA-MW-23 | 82.83 | 64.97 | 17.86 | 64.54 | 18.29 | 78.61 | 4.22 |
| EPA-MW-27 | 69.32 | 51.74 | 17.58 | 51.12 | 18.20 | 52.85 | 16.47 |
| ST-MW-02 | 82.03 | 64.19 | 17.84 | 63.78 | 18.25 | 64.40 | 17.63 |
| ST-MW-06 | 69.83 | 63.43 | 6.40 | 44.82 | 25.01 | 44.92 | 24.91 |
| ST-MW-09 | 78.13 | 61.39 | 16.74 | 60.67 | 17.46 | 62.52 | 15.61 |
| ST-MW-11 | 75.25 | 58.67 | 16.58 | 58.06 | 17.19 | 60.59 | 14.66 |
| ST-MW-12 | 87.20 | 73.84 | 13.36 | 70.18 | 17.02 | 72.01 | 15.19 |
| ST-MW-14 | 69.73 | 50.94 | 18.79 | 50.76 | 18.97 | 56.40 | 13.33 |
| ST-MW-16 | 75.78 | 55.51 | 20.27 | 55.53 | 20.25 | 65.51 | 10 |
| ST-MW-17 | 86.53 | 69.95 | 16.58 | 69.27 | 17.26 | 71.55 | 14.98 |
| ST-MW-19 | 82.50 | 67.01 | 15.49 | 64.93 | 17.57 | 68.04 | 14.46 |
| ST-MW-20 | 84.53 | 65.99 | 18.54 | 65.83 | 18.70 | 73.45 | 11.08 |

Notes:

ft msl - feet mean sea level

ft BTOC - feet below top of casing

| | Top of DVC | 12/17/03 | - 12/18/03 | 1/12 | /2004 | 2/20 | 6/2004 |
|-----------|-------------------------------------|------------------|-----------------------|------------------|-----------------------|------------------|-----------------------|
| Well ID | Top of PVC Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) |
| EPA-MW- | | | | | | | |
| 11D | 74.63 | 59.00 | 15.63 | 57.52 | 17.11 | 56.50 | 18.13 |
| EPA-MW-21 | 84.13 | 64.99 | 19.14 | 66.17 | 17.96 | 64.30 | 19.83 |
| EPA-MW-22 | 82.20 | 63.03 | 19.17 | 63.99 | 18.21 | 61.90 | 20.30 |
| EPA-MW-23 | 82.83 | 77.05 | 5.78 | 64.45 | 18.38 | 63.00 | 19.83 |
| EPA-MW-27 | 69.32 | 51.75 | 17.57 | 51.22 | 18.10 | 50.50 | 18.82 |
| ST-MW-02 | 82.03 | 63.25 | 18.78 | 64.03 | 18.00 | 62.03 | 20.00 |
| ST-MW-06 | 69.83 | 43.10 | 26.73 | 45.74 | 24.09 | 44.40 | 25.43 |
| ST-MW-09 | 78.13 | 61.50 | 16.63 | | - | 60.00 | 18.13 |
| ST-MW-11 | 75.25 | 59.23 | 16.02 | 62.10 | 13.15 | 60.90 | 14.35 |
| ST-MW-12 | 87.20 | 72.00 | 15.20 | 70.27 | 16.93 | 60.50 | 26.70 |
| ST-MW-14 | 69.73 | 55.05 | 14.68 | NA | NA | 48.70 | 21.03 |
| ST-MW-16 | 75.78 | 64.18 | 11.60 | 54.99 | 20.79 | 53.00 | 22.78 |
| ST-MW-17 | 86.53 | 69.99 | 16.54 | 69.40 | 17.13 | 67.25 | 19.28 |
| ST-MW-19 | 82.50 | 67.21 | 15.29 | | | 65.25 | 17.25 |
| ST-MW-20 | 84.53 | 71.56 | 12.97 | 63.51 | 21.02 | 61.75 | 22.78 |

Notes:

ft msl - feet mean sea level ft BTOC - feet below top of casing

| | T (D)(0 | 3/29 | /2004 | 4/5/ | 2004 | 5/19 | 9/2004 |
|-----------|-------------------------------------|------------------|-----------------------|------------------|-----------------------|------------------|-----------------------|
| Well ID | Top of PVC Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) |
| EPA-MW- | | | | | | | |
| 11D | 74.63 | 60.00 | 14.63 | 60.36 | 14.27 | 60.30 | 14.33 |
| EPA-MW-21 | 84.13 | 66.99 | 17.14 | 67.38 | 16.75 | 67.10 | 17.03 |
| EPA-MW-22 | 82.20 | 61.90 | 20.30 | 65.00 | 17.20 | 64.98 | 17.22 |
| EPA-MW-23 | 82.83 | 65.10 | 17.73 | 65.59 | 17.24 | 65.25 | 17.58 |
| EPA-MW-27 | 69.32 | 52.08 | 17.24 | 52.84 | 16.48 | 53.10 | 16.22 |
| ST-MW-02 | 82.03 | 63.99 | 18.04 | 64.90 | 17.13 | 64.87 | 17.16 |
| ST-MW-06 | 69.83 | 45.60 | 24.23 | 46.24 | 23.59 | 46.25 | 23.58 |
| ST-MW-09 | 78.13 | 62.80 | 15.33 | | | 62.00 | 16.13 |
| ST-MW-11 | 75.25 | 60.00 | 15.25 | 60.85 | 14.40 | 60.46 | 14.79 |
| ST-MW-12 | 87.20 | 72.22 | 14.98 | 72.22 | 14.98 | 72.12 | 15.08 |
| ST-MW-14 | 69.73 | 56.99 | 12.74 | 57.87 | 11.86 | 58.13 | 11.60 |
| ST-MW-16 | 75.78 | 54.68 | 21.10 | 55.48 | 20.30 | 55.09 | 20.69 |
| ST-MW-17 | 86.53 | 70.25 | 16.28 | 71.76 | 14.77 | 71.80 | 14.73 |
| ST-MW-19 | 82.50 | 66.00 | 16.50 | | | 65.78 | 16.72 |
| ST-MW-20 | 84.53 | 71.45 | 13.08 | 73.78 | 10.75 | 73.65 | 10.88 |

Notes:

ft msl - feet mean sea level

ft BTOC - feet below top of casing

| | | 6/14 | /2004 | 7/21/04 | - 7/22/04 | 8/2 | /2004 |
|-----------|-------------------------------------|------------------|-----------------------|------------------|-----------------------|------------------|-----------------------|
| Well ID | Top of PVC Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) |
| EPA-MW- | | | | | | | |
| 11D | 74.63 | 59.97 | 14.66 | 59.75 | 14.88 | 59.75 | 14.88 |
| EPA-MW-21 | 84.13 | 67.00 | 17.13 | 66.99 | 17.14 | 66.11 | 18.02 |
| EPA-MW-22 | 82.20 | 64.78 | 17.42 | 64.50 | 17.70 | 64.33 | 17.87 |
| EPA-MW-23 | 82.83 | 66.21 | 16.62 | 66.10 | 16.73 | 65.16 | 17.67 |
| EPA-MW-27 | 69.32 | 53.05 | 16.27 | 52.98 | 16.34 | 54.86 | 14.46 |
| ST-MW-02 | 82.03 | 65.11 | 16.92 | 65.00 | 17.03 | 59.85 | 22.18 |
| ST-MW-06 | 69.83 | 45.99 | 23.84 | 45.66 | 24.17 | 44.11 | 25.72 |
| ST-MW-09 | 78.13 | 62.00 | 16.13 | 61.79 | 16.34 | | |
| ST-MW-11 | 75.25 | 60.40 | 14.85 | 60.39 | 14.86 | 60.50 | 14.75 |
| ST-MW-12 | 87.20 | 72.29 | 14.91 | 72.20 | 15.00 | 71.36 | 15.84 |
| ST-MW-14 | 69.73 | 58.55 | 11.18 | 58.34 | 11.39 | 55.56 | 14.17 |
| ST-MW-16 | 75.78 | 55.09 | 20.69 | 55.01 | 20.77 | 54.85 | 20.93 |
| ST-MW-17 | 86.53 | 71.52 | 15.01 | 71.46 | 15.07 | 70.80 | 15.73 |
| ST-MW-19 | 82.50 | 65.00 | 17.50 | 64.77 | 17.73 | | |
| ST-MW-20 | 84.53 | 73.44 | 11.09 | 73.25 | 11.28 | 71.66 | 12.87 |

Notes:

ft msl - feet mean sea level ft BTOC - feet below top of casing

| | | 9/28/04 - 9/29/04 | | 10/12/04 | -10/13/04 | 11/3 | 3/2004 |
|-----------|-------------------------------------|-------------------|-----------------------|------------------|-----------------------|------------------|-----------------------|
| Well ID | Top of PVC Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) |
| EPA-MW- | | | | | | | |
| 11D | 74.63 | 59.70 | 14.93 | 58.97 | 15.66 | 58.95 | 15.68 |
| EPA-MW-21 | 84.13 | 66.75 | 17.38 | 66.50 | 17.63 | 66.41 | 17.72 |
| EPA-MW-22 | 82.20 | 64.41 | 17.79 | 64.34 | 17.86 | 64.32 | 17.88 |
| EPA-MW-23 | 82.83 | 65.11 | 17.72 | 65.00 | 17.83 | 64.87 | 17.96 |
| EPA-MW-27 | 69.32 | 52.31 | 17.01 | 52.25 | 17.07 | 52.26 | 17.06 |
| ST-MW-02 | 82.03 | 65.00 | 17.03 | 65.03 | 17.00 | 65.00 | 17.03 |
| ST-MW-06 | 69.83 | 44.55 | 25.28 | 55.34 | 14.49 | 55.29 | 14.54 |
| ST-MW-09 | 78.13 | 62.00 | 16.13 | 62.12 | 16.01 | 62.15 | 15.98 |
| ST-MW-11 | 75.25 | 60.41 | 14.84 | 60.50 | 14.75 | 60.34 | 14.91 |
| ST-MW-12 | 87.20 | 72.00 | 15.20 | 72.21 | 14.99 | 72.22 | 14.98 |
| ST-MW-14 | 69.73 | 56.71 | 13.02 | 56.50 | 13.23 | 56.49 | 13.24 |
| ST-MW-16 | 75.78 | 55.10 | 20.68 | 57.00 | 18.78 | 57.01 | 18.77 |
| ST-MW-17 | 86.53 | 70.99 | 15.54 | 70.98 | 15.55 | 70.95 | 15.58 |
| ST-MW-19 | 82.50 | 64.84 | 17.66 | 64.80 | 17.70 | 64.79 | 17.71 |
| ST-MW-20 | 84.53 | 71.97 | 12.56 | 72.00 | 12.53 | 72.55 | 11.98 |

Notes:

ft msl - feet mean sea level ft BTOC - feet below top of casing

| | Top of PVC | C 12/8/2004 | | 1/3/ | 2005 | 2/7 | /2005 |
|-----------|-----------------------|------------------|-----------------------|------------------|-----------------------|------------------|-----------------------|
| Well ID | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) |
| EPA-MW- | | | | | | | |
| 11D | 74.63 | 59.75 | 14.88 | 59.10 | 15.53 | 57.63 | 17.00 |
| EPA-MW-21 | 84.13 | 66.61 | 17.52 | 65.67 | 18.46 | 65.80 | 18.33 |
| EPA-MW-22 | 82.20 | 64.33 | 17.87 | 64.44 | 17.76 | 65.32 | 16.88 |
| EPA-MW-23 | 82.83 | 65.16 | 17.67 | 65.10 | 17.73 | 64.44 | 18.39 |
| EPA-MW-27 | 69.32 | 52.24 | 17.08 | 51.87 | 17.45 | 50.85 | 18.47 |
| ST-MW-02 | 82.03 | 64.54 | 17.49 | 64.78 | 17.25 | 63.90 | 18.13 |
| ST-MW-06 | 69.83 | 44.11 | 25.72 | 55.41 | 14.42 | 47.32 | 22.51 |
| ST-MW-09 | 78.13 | 59.98 | 18.15 | 62.31 | 15.82 | 63.44 | 14.69 |
| ST-MW-11 | 75.25 | 60.50 | 14.75 | 59.99 | 15.26 | 58.64 | 16.61 |
| ST-MW-12 | 87.20 | 71.36 | 15.84 | 71.98 | 15.22 | 70.45 | 16.75 |
| ST-MW-14 | 69.73 | 55.56 | 14.17 | 56.51 | 13.22 | 50.15 | 19.58 |
| ST-MW-16 | 75.78 | 54.85 | 20.93 | 57.08 | 18.70 | 55.15 | 20.63 |
| ST-MW-17 | 86.53 | 70.80 | 15.73 | 71.03 | 15.50 | 70.75 | 15.78 |
| ST-MW-19 | 82.50 | 64.32 | 18.18 | 64.76 | 17.74 | 65.01 | 17.49 |
| ST-MW-20 | 84.53 | 71.66 | 12.87 | 72.43 | 12.10 | 65.09 | 19.44 |

Notes:

ft msl - feet mean sea level ft BTOC - feet below top of casing

| | | 3/22 | /2005 | 4/11 | /2005 | 5/19 | 9/2005 |
|-----------|-------------------------------------|------------------|-----------------------|------------------|-----------------------|------------------|-----------------------|
| Well ID | Top of PVC Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) |
| EPA-MW- | | | | | | | |
| 11D | 74.63 | 60.00 | 14.63 | 60.99 | 13.64 | 61.00 | 13.63 |
| EPA-MW-21 | 84.13 | 64.50 | 19.63 | 64.00 | 20.13 | 63.21 | 20.92 |
| EPA-MW-22 | 82.20 | 64.55 | 17.65 | 65.12 | 17.08 | 65.43 | 16.77 |
| EPA-MW-23 | 82.83 | 65.00 | 17.83 | 65.10 | 17.73 | 65.00 | 17.83 |
| EPA-MW-27 | 69.32 | 51.67 | 17.65 | 51.60 | 17.72 | 51.33 | 17.99 |
| ST-MW-02 | 82.03 | 63.99 | 18.04 | 63.89 | 18.14 | 63.40 | 18.63 |
| ST-MW-06 | 69.83 | 55.40 | 14.43 | 55.42 | 14.41 | 55.32 | 14.51 |
| ST-MW-09 | 78.13 | 61.20 | 16.93 | 61.78 | 16.35 | 61.72 | 16.41 |
| ST-MW-11 | 75.25 | 60.10 | 15.15 | 60.00 | 15.25 | 59.99 | 15.26 |
| ST-MW-12 | 87.20 | 72.00 | 15.20 | 71.21 | 15.99 | 71.12 | 16.08 |
| ST-MW-14 | 69.73 | 56.20 | 13.53 | 56.33 | 13.40 | 56.34 | 13.39 |
| ST-MW-16 | 75.78 | 57.00 | 18.78 | 57.10 | 18.68 | 57.30 | 18.48 |
| ST-MW-17 | 86.53 | 70.78 | 15.75 | 70.00 | 16.53 | 59.90 | 26.63 |
| ST-MW-19 | 82.50 | 63.23 | 19.27 | 63.00 | 19.50 | 63.00 | 19.50 |
| ST-MW-20 | 84.53 | 71.32 | 13.21 | 71.21 | 13.32 | 71.71 | 12.82 |

Notes:

ft msl - feet mean sea level ft BTOC - feet below top of casing

| | Top of PVC | 6/15 | /2005 | 7/7/ | 2005 | 8/4 | /2005 |
|-----------|-----------------------|------------------|-----------------------|------------------|-----------------------|------------------|-----------------------|
| Well ID | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) | DTW (ft BTOC) | Elevation (ft msl) |
| EPA-MW- | | | | | | | |
| 11D | 74.63 | 58.70 | 15.93 | 58.51 | 16.12 | 59.07 | 15.56 |
| EPA-MW-21 | 84.13 | 66.35 | 17.78 | 66.27 | 17.83 | 66.85 | 17.28 |
| EPA-MW-22 | 82.20 | 63.83 | 18.37 | 63.78 | 18.42 | 64.38 | 17.82 |
| EPA-MW-23 | 82.83 | 64.32 | 18.51 | 64.29 | 18.54 | 64.88 | 17.95 |
| EPA-MW-27 | 69.32 | 51.45 | 17.87 | 51.35 | 17.97 | 51.84 | 17.48 |
| ST-MW-02 | 82.03 | - | | | - | | |
| ST-MW-06 | 69.83 | 45.70 | 24.13 | 45.90 | 23.93 | 45.80 | 24.03 |
| ST-MW-09 | 78.13 | 63.45 | 14.68 | 63.29 | 14.84 | 63.94 | 14.19 |
| ST-MW-11 | 75.25 | | | | | | |
| ST-MW-12 | 87.20 | 71.02 | 16.18 | 70.71 | 16.49 | 71.42 | 15.78 |
| ST-MW-14 | 69.73 | 55.08 | 14.65 | 54.99 | 14.74 | 55.45 | 14.28 |
| ST-MW-16 | 75.78 | 54.54 | 21.24 | 54.71 | 21.07 | 54.82 | 20.96 |
| ST-MW-17 | 86.53 | 70.35 | 16.18 | 70.17 | 16.36 | 70.78 | 15.75 |
| ST-MW-19 | 82.50 | 66.82 | 15.68 | 66.89 | 15.61 | 66.53 | 15.97 |
| ST-MW-20 | 84.53 | 71.20 | 13.33 | 71.07 | 13.46 | 71.59 | 12.94 |

Notes:

ft msl - feet mean sea level ft BTOC - feet below top of casing

Appendix I

Indoor Air Quality Analytical Data (Included in July 2005 Monthly Report)

Appendix J Action List Dated August 2005



August 2005 ACTION LIST SUMMARY

JOB

| PROJECT: | Stanton Cleaners | | JOB NUMBER: | | 70536 |
|-------------------------|------------------|---|----------------|-------------|----------------|
| LOCATION: | Great Neck, NY | | DATE: | August 2005 | |
| CLIENT: | USACE / USEPA | | | | |
| | | | | | |
| COMPLETED ITEMS | | | | | DATE PERFORMED |
| Semi-annual groundwater | · sampling event | | | | 8/29-9/2/05 |
| | | | | | |
| OUTSTANDING ITEM | IS | / | | RECOMMEN | DED SOLUTION |
| OUTSTANDING ITEM | IS . | 1 | | RECOMMEN | DED SOLUTION |