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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7870 Villa Park Drive, Suite 400
Richmond, Virginia 23228

Author: Robert Derrick

Title: Environmental Scientist

ET Project No. 70536.02.01.02

Date: September 9, 2005

Reviewer: James Kearns

Title: Environmental Scientist

Date: September 12, 2005

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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.

Tables

TABLE 1
ESTIMATED PCE RECOVERY RATES
STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE
250 CFM SVE SYSTEM
September 2003 - August 2005

Date	# of Days	Flow Rate		VOC			
		(cfm)	Avg (cfm)	Concentration (ppm)	Average (ppm)	Discharge Rate (lbs/day)	Total Discharge (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 Shutdown Since 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.

$$Mair = Qair \times Cair \times \frac{0.0283\ m3}{ft.3} \times \frac{1440\ min.}{day} \times \frac{2.2\ lbs.}{1000000\ mg}$$

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

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

Date	# of Days	Flow Rate		VOC			
		(cfm)	Avg (cfm)	Concentration (ppm)	Average (ppm)	Discharge Rate (lbs/day)	Total Discharge (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.

$$Mair = Qair \times Cair \times \frac{0.0283\ m3}{ft.3} \times \frac{1440\ min.}{day} \times \frac{2.2\ lbs.}{1000000\ mg}$$

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

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

Date	# of Days	Flow Rate		VOC			
		(cfm)	Avg (cfm)	Concentration (ppm)	Average (ppm)	Discharge Rate (lbs/day)	Total Discharge (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.

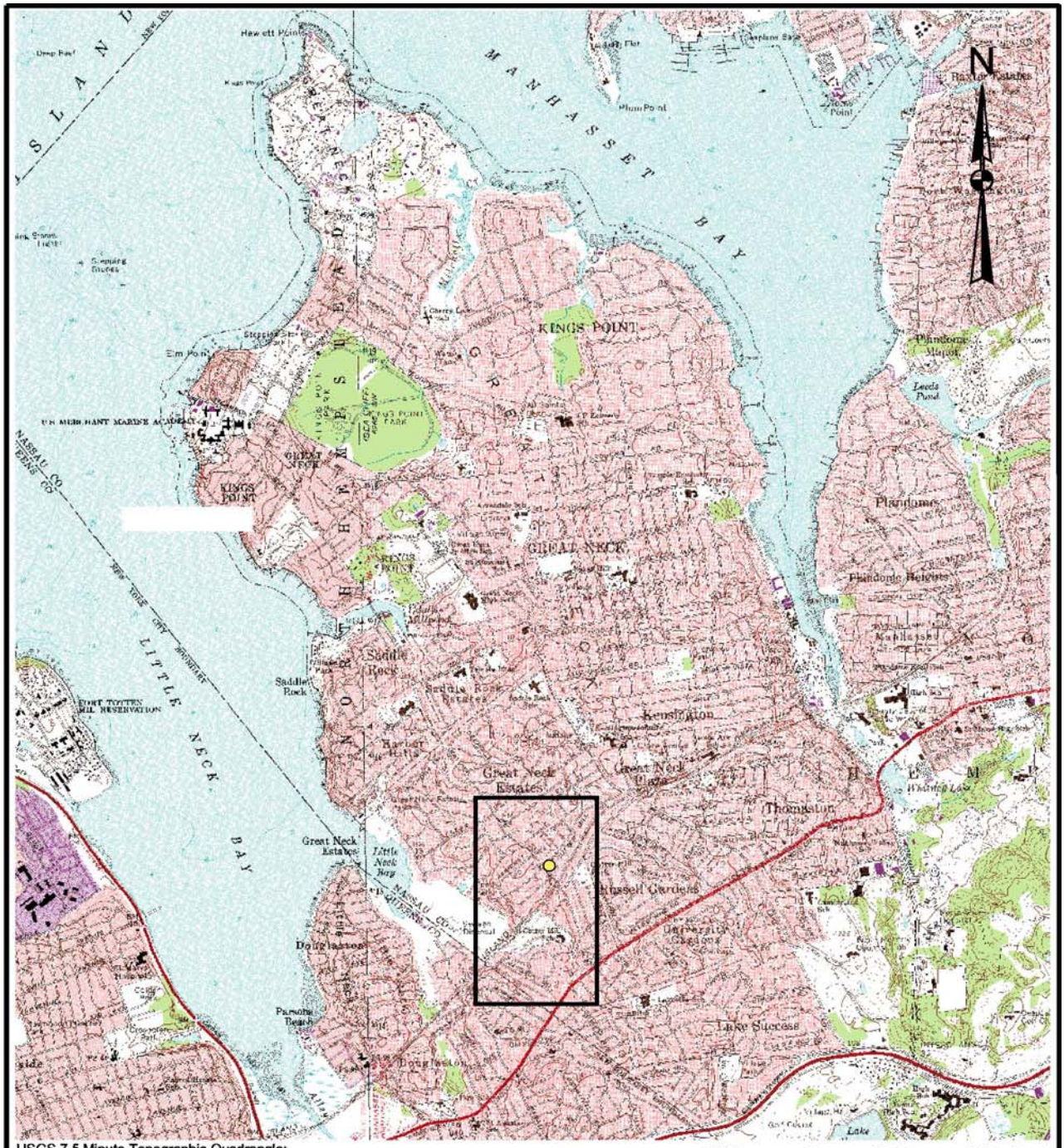
$$Mair = Qair \times Cair \times \frac{0.0283\ m3}{ft.3} \times \frac{1440\ min.}{day} \times \frac{2.2\ lbs.}{1000000\ mg}$$

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

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).

Figures



USGS 7.5 Minute Topographic Quadrangle:
Sea Cliff, N.Y., 1968, Photorevised 1979

Legend

- Stanton Cleaners Study Area
- Stanton Cleaners Site

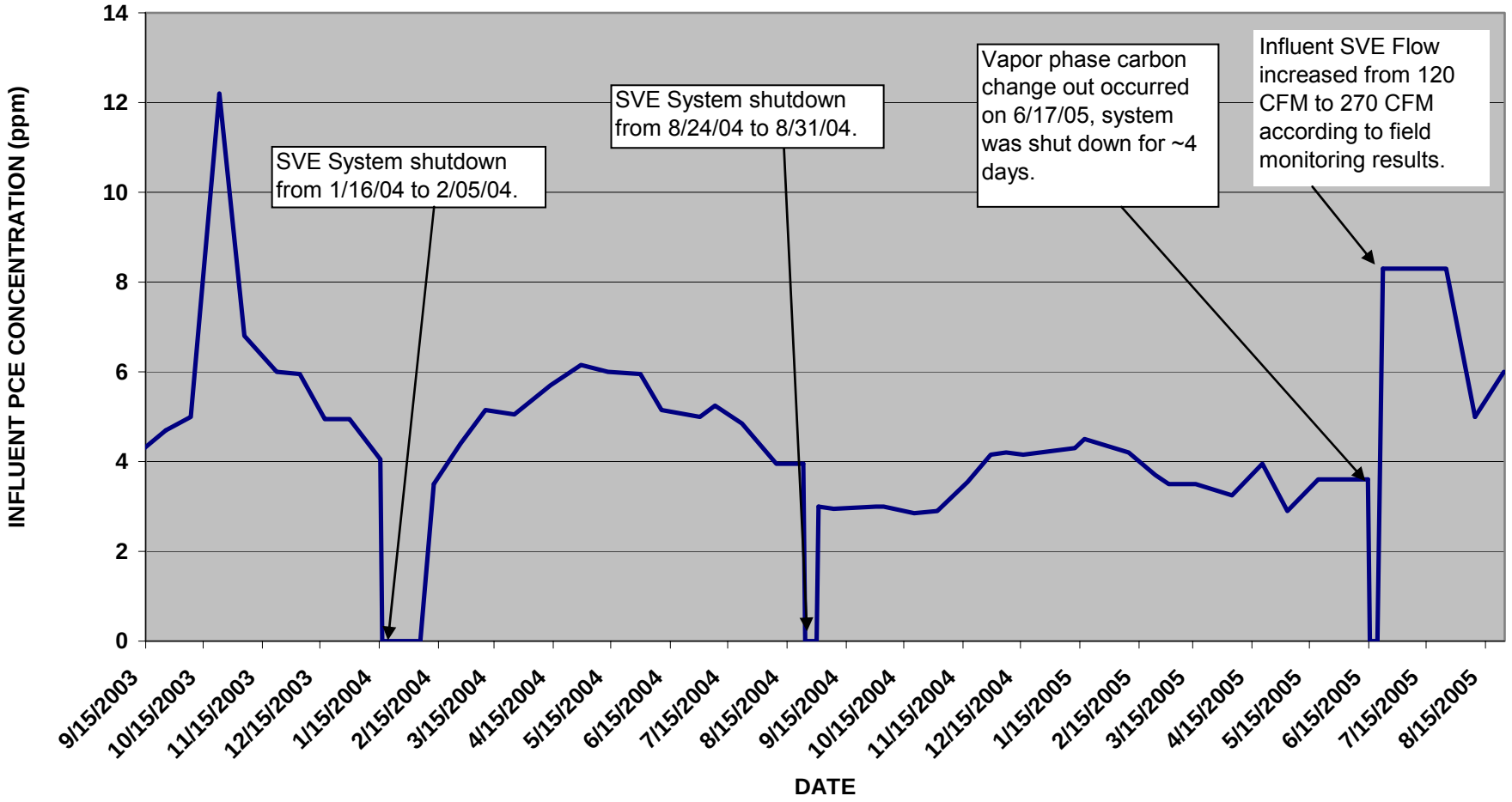
EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

Figure 1
Site Location Map
Stanton Cleaners Area
Groundwater Contamination Site

Stanton Cleaners Area
Groundwater Contamination Site
Great Neck, Nassau County, New York

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)

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**			
Day	S	**M**	**T**	**W**	**T**	**F**	**S**
Weather			**SUNNY**				
Temp.			**85°**				
Wind			**0-3 MPH**				
Humidity			**59.4**				

Earth Tech Personnel On-Site: **Rob Derrick, Frank Mahalski**

Subcontractor (include names & responsibilities): **N/A**

Contract Materials and Equipment on site: **Ford Explorer, Veloci-Calc, PID, FID and general hand tools.**

Work Performed (include sampling; list by NAS number if applicable):

Bi-weekly air monitoring of SVE wells, sub slabs (except D), air stripper and the influent and system using PID and VelociCalc. Sub Slab D was blocked by a truck.

Quality Control Activities (including field calibrations): **Calibrated PID**

Health and Safety Levels and Activities: **Level D**

Problems Encountered/Correction Action Taken: **N/A**

Explain Developments Leading to Change in SOW or Finding of Fact: **N/A**

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of 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 and actual results): **N/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.**

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.

Special Notes:

Air monitoring not done for Sub-slab D (blocked by vehicle)

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)

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: 8/9/05 | **Earth Tech Project No.: 70536**

Day	S	**M**	**T**	**W**	**T**	**F**	**S**
Weather			**CLOUDY**				
Temp.			**75°**				
Wind			**5-10 MPH**				
Humidity			**69**				

Earth Tech Personnel On-Site: **Frank Mahalski, James Kearns**

Subcontractor (include names & responsibilities): **N/A**

Contract Materials and Equipment on site: **Ford Explorer, Veloci-Calc, PID, FID and general hand tools.**

Work Performed (include sampling; list by NAS number if applicable):

Bi-weekly air monitoring of SVE wells, sub slabs (except D), air stripper and the influent and system using PID and VelociCalc. Sub Slab D was blocked by a truck.

Quality Control Activities (including field calibrations): **Calibrated PID**

Health and Safety Levels and Activities: **Level D**

Problems Encountered/Correction Action Taken: **N/A**

Explain Developments Leading to Change in SOW or Finding of Fact: **N/A**

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of 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**

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: 8/9/05	**Earth Tech Project No.: 70536**

Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results): **N/A**

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.

Special Notes:

Air monitoring not done for Sub-slab D (blocked by vehicle)

Tomorrow's Expectations:

Weekly O&M Inspection

By: Frank Mahalski 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)

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**

Day	S	**M**	**T**	**W**	**T**	**F**	**S**
Weather		**CLOUDY**					
Temp.		**70°**					
Wind		**NONE**					
Humidity		**60%**					

Earth Tech Personnel On-Site: **Rob Derrick, Frank Mahalski**

Subcontractor (include names & responsibilities): **N/A**

Contract Materials and Equipment on site: **Horiba, vials, cooler**

Work Performed (include sampling; list by NAS number if applicable):

Monthly system sampling (influent, effluent, EPA-EXT-4R, EPA-EXT-2R, Trip Blank)

Weekly system monitoring

Quality Control Activities (including field calibrations): **calibrated Horiba**

Health and Safety Levels and Activities: **Level D**

Problems Encountered/Correction Action Taken: **N/A**

Explain Developments Leading to Change in SOW or Finding of Fact: **N/A**

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of 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 and actual results): **N/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: 8/16/05	**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.**	
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.	
Special Notes: **System was shut down over the weekend probably due to short power outage. It was restarted around 8AM.**	
Tomorrow's Expectations:	
Weekly system monitoring	
Bi-weekly air monitoring	
By: Rob 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)

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: 8/24/05				**Earth Tech Project No.: 70536**			
Day	S	**M**	**T**	**W**	**T**	**F**	**S**
Weather				**SUNNY**			
Temp.				**85°**			
Wind				**10-15**			
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**

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**

Health and Safety Levels and Activities: **Level D**

Problems Encountered/Correction Action Taken: **N/A**

Explain Developments Leading to Change in SOW or Finding of Fact: **N/A**

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of 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 and actual results): **N/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: 8/24/05	**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.**

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.

Special Notes: **none**

Tomorrow's Expectations:

Weekly system monitoring

Bi-weekly air monitoring

By: Rob 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)

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: 8/29/05 | **Earth Tech Project No.: 70536**

Day	S	**M**	**T**	**W**	**T**	**F**	**S**
Weather		**CLOUDY**					
Temp.		**82°**					
Wind		**NONE**					
Humidity							

Earth Tech Personnel On-Site: **James Kearns, Frank Mahalski, Rob Derrick, Leslee Alexander, Russ Reynolds, Todd Plating**

Subcontractor (include names & responsibilities): **N/A**

Contract Materials and Equipment on site: **PID, VelociCalc, pump, F-150, Ford Explorer, Mini-vans(2), Water sampling supplies(Grundfos pumps, gloves, bottles, vials etc.)**

Work Performed (include sampling; list by NAS number if applicable):
Weekly O&M ; Water sampling

Quality Control Activities (including field calibrations):

Health and Safety Levels and Activities: **Level D**

Problems Encountered/Correction Action Taken: **N/A**

Explain Developments Leading to Change in SOW or Finding of Fact: **N/A**

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of 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 and actual results): **N/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: 8/29/05	**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.**

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.

Special Notes: **none**

Tomorrow's Expectations:

Continuation of water sampling; cleaning equipment

By: Frank Mahalski 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)

Appendix B

Groundwater Treatment System Operation & Maintenance Checklists

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

1. A. Is any part of the system leaking? YES √ NO
If so, list where._____

B. Is there water on the floor? √ YES NO
If so, list where.
A little water on the floor near the air stripper.

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 sumps? YES √ NO
Note: If water is present, remove with shop vac or paper towels.

2. A. Display screen on computer will either show system or screen saver. If screen saver is on, tap screen with finger to show screen. If only the desktop is showing with no system screen, click the *Lookout – (Stanton)* icon on the taskbar at the bottom of the screen.

B. From the site display, monitor and record the following.

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 _____35_____ 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 _____7.4_____ pH
8. Air Stripper temperature _____158_____ deg. F
9. Air Stripper air flow _____135_____ CFM
10. Pre-vapor carbon pressure _____0_____ "wc (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 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 8-09-05

1. A. Is any part of the system leaking? YES √ NO
If so, list where._____

B. Is there water on the floor? √ 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 sumps? YES √ NO
Note: If water is present, remove with shop vac or paper towels.

2. A. Display screen on computer will either show system or screen saver. If screen saver is on, tap screen with finger to show screen. If only the desktop is showing with no system screen, click the *Lookout – (Stanton)* icon on the taskbar at the bottom of the screen.

B. From the site display, monitor and record the following.

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 _____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

1. A. Is any part of the system leaking? YES √ NO
If so, list where._____

B. Is there water on the floor? √ YES NO
If so, list where.
Some at base of air stripper.

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 sumps? YES √ NO
Note: If water is present, remove with shop vac or paper towels.

2. A. Display screen on computer will either show system or screen saver. If screen saver is on, tap screen with finger to show screen. If only the desktop is showing with no system screen, click the *Lookout – (Stanton)* icon on the taskbar at the bottom of the screen.

B. From the site display, monitor and record the following.

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 _____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

1. A. Is any part of the system leaking? YES √ NO
If so, list where._____

B. Is there water on the floor? YES √ NO
If so, list where.

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 sumps? YES √ NO
Note: If water is present, remove with shop vac or paper towels.

2. A. Display screen on computer will either show system or screen saver. If screen saver is on, tap screen with finger to show screen. If only the desktop is showing with no system screen, click the *Lookout – (Stanton)* icon on the taskbar at the bottom of the screen.

B. From the site display, monitor and record the following.

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 _____6.8_____ pH
6. Recovery Well conductivity _____56_____ cond
7. Air Stripper pH _____8.0_____ pH
8. Air Stripper temperature _____155_____ deg. F
9. Air Stripper air flow _____366_____ CFM
10. Pre-vapor carbon pressure _____0_____ "wc (inches of water)
11. Post carbon air flow _____2447_____ CFM
12. Discharge conductivity _____118_____ micromhos
13. Discharge pH _____8.2_____ pH
14. Discharge flow _____60_____ GPM
15. Discharge total gallons _102870783___ Gal
16. SVE inlet vacuum _____4_____ "Hg
19. SVE air flow _____75_____ CFM

[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

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 8-29-05

1. A. Is any part of the system leaking? YES √ NO
If so, list where._____

B. Is there water on the floor? YES √ NO
If so, list where.

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 sumps? YES √ NO
Note: If water is present, remove with shop vac or paper towels.

2. A. Display screen on computer will either show system or screen saver. If screen saver is on, tap screen with finger to show screen. If only the desktop is showing with no system screen, click the *Lookout – (Stanton)* icon on the taskbar at the bottom of the screen.

B. From the site display, monitor and record the following.

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 _____6.8_____ pH
6. Recovery Well conductivity _____56_____ cond
7. Air Stripper pH _____8.0_____ pH
8. Air Stripper temperature _____159_____ deg. F
9. Air Stripper air flow _____397_____ CFM
10. Pre-vapor carbon pressure _____0_____ "wc (inches of water)
11. Post carbon air flow _____2554_____ CFM
12. Discharge conductivity _____123_____ micromhos
13. Discharge pH _____8.2_____ pH
14. Discharge flow _____60_____ GPM
15. Discharge total gallons _103300747___ Gal
16. SVE inlet vacuum _____4_____ "Hg
19. SVE air flow _____86_____ CFM

[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 _1659500_____ Gal
2. Recovery Well EPA-EXT-4R total flow _____6716700____ Gal
3. Recovery Well pH _____6.85_____ Ph
4. Recovery Well conductivity _____0.58_____ cond
5. Air Stripper pH _____8.09_____ pH
6. Air Stripper temperature _____15.96_____ deg. F
7. Air Stripper Pump water flow _____550_____ GPM
8. Air Stripper Pump pressure _____35_____ PSI
9. Discharge conductivity _____1.15_____ cond
10. Discharge pH _____8.27_____ pH
11. SVE inlet vacuum (digital readout) _____2.1_____”Hg
12. SVE inlet vacuum _____5.5_____”Hg
13. SVE post knockout vacuum _____-7_____ “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:

Appendix C

Groundwater Treatment System Downloaded Operational Data

Stanton Cleaners Groundwater Contamination Site - August 2005 - Site Operation Data

	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	19	0	36	68	1065	156	55	117	6.8	7.5	7.8	100885609.5	110	1065	75
8/1/2005 8:00	19	0	37	66	1094	156	54	117	6.8	7.4	7.8	100899939.3	150	1094	87
8/1/2005 12:00	19	0	36	0	961	157	55	119	6.8	7.4	7.8	100914360.5	109	961	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	19	0	36	70	991	157	55	119	6.8	7.4	7.7	100971982.7	87	991	72
8/2/2005 8:00	19	0	38	70	1062	157	55	119	6.8	7.4	7.7	100986528.4	82	1062	66
8/2/2005 12:00	19	0	36	65	2608	159	55	122	6.8	7.8	7.8	101000786.6	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	19	0	37	67	2254	158	54	120	6.8	7.9	8	101058367.9	326	2254	75
8/3/2005 8:00	19	0	36	66	2300	158	55	120	6.8	7.9	8	101072590.3	326	2300	76
8/3/2005 12:00	19	0	37	69	2111	157	55	120	6.8	8	8.1	101087034.5	291	2111	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	19	0	37	65	2183	158	55	120	6.8	7.9	8.1	101144270.4	308	2183	86
8/4/2005 8:00	19	0	37	8	2160	158	55	121	6.8	8	8.1	101158707.5	322	2160	71
8/4/2005 12:00	19	0	36	67	2157	159	55	122	6.8	8	8.2	101172924.4	300	2157	69
8/4/2005 16:00	19	0	35	67	2307	158	56	121	6.8	8	8.2	101187327.2	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
8/5/2005 4:00	19	0	35	70	2254	159	55	121	6.8	8	8.2	101230355.4	298	2254	84
8/5/2005 8:00	19	0	36	66	2100	159	55	122	6.8	8	8.2	101244787.3	308	2100	71
8/5/2005 12:00	19	0	37	66	1950	159	55	122	6.8	8	8.2	101259155.3	308	1950	70
8/5/2005 16:00	19	0	35	64	2183	159	55	121	6.8	8	8.2	101273519.3	312	2183	81
8/5/2005 20:00	19	0	35	66	2100	158	55	121	6.8	8	8.2	101287860.2	288	2100	82
8/6/2005 0:00	19	0	38	65	2157	158	55	120	6.8	8	8.2	101302211.3	338	2157	69
8/6/2005 4:00	19	0	39	66	2100	157	55	118	6.8	8	8.2	101316551.9	296	2100	78
8/6/2005 8:00	19	0	37	64	2157	157	55	118	6.8	8	8.2	101330918.8	386	2157	70
8/6/2005 12:00	20	0	35	64	2100	157	55	119	6.8	8	8.2	101345251.2	286	2100	75
8/6/2005 16:00	19	0	36	64	2035	158	55	119	6.8	8	8.2	101359569.8	320	2035	76
8/6/2005 20:00	19	0	37	64	1881	157	55	119	6.8	8	8.2	101373896.9	358	1881	80
8/7/2005 0:00	19	0	36	66	2300	158	55	120	6.8	8	8.2	101388246.5	333	2300	70
8/7/2005 4:00	19	0	40	0	2100	158	54	120	6.8	8	8.2	101402651.1	354	2100	76
8/7/2005 8:00	19	0	35	67	2183	158	55	119	6.8	8	8.2	101417223.9	328	2183	77
8/7/2005 12:00	19	0	35	66	2155	157	55	119	6.8	8	8.2	101431578.1	300	2155	77
8/7/2005 16:00	19	0	38	64	2183	157	55	120	6.8	8	8.2	101445898.3	342	2183	75
8/7/2005 20:00	19	0	37	68	2100	157	55	120	6.8	8	8.2	101460233	361	2100	71
8/8/2005 0:00	19	0	37	64	2298	158	55	120	6.8	8	8.2	101474584.8	377	2298	71
8/8/2005 4:00	19	0	36	66	2183	158	55	121	6.8	8	8.2	101488951.2	322	2183	76
8/8/2005 8:00	19	0	37	8	2183	158	55	121	6.8	8	8.2	101503520.1	302	2183	70
8/8/2005 12:00	19	0	37	66	2097	159	56	122	6.8	8	8.2	101517884.6	313	2097	75
8/8/2005 16:00	19	0	38	66	2180	158	55	121	6.8	8	8.2	101532202.7	295	2180	86
8/8/2005 20:00	19	0	38	68	2047	158	55	121	6.8	8	8.2	101546512.3	292	2047	71
8/9/2005 0:00	19	0	39	68	2183	158	55	121	6.8	8	8.2	101561093.8	285	2183	75
8/9/2005 4:00	19	0	39	67	2155	158	55	120	6.8	8	8.2	101575394.1	344	2155	76
8/9/2005 8:00	19	0	35	66	2157	158	56	121	6.8	7.9	8.2	101589647.3	285	2157	76
8/9/2005 12:00	19	0	36	65	2302	157	56	120	6.8	8	8.2	101604158.2	338	2302	70
8/9/2005 16:00	19	0	36	69	2100	157	55	118	6.8	8	8.2	101618421.1	286	2100	69
8/9/2005 20:00	19	0	35	70	1962	157	56	120	6.8	8	8.2	101632620.9	346	1962	70
8/10/2005 0:00	19	0	38	68	2212	158	56	119	6.8	8	8.2	101647081	361	2212	79
8/10/2005 4:00	19	0	36	0	2155	158	55	120	6.8	7.9	8.2	101661358	354	2155	80
8/10/2005 8:00	19	0	38	65	2256	158	55	120	6.8	7.9	8.2	101675686.4	295	2256	75
8/10/2005 12:00	19	0	36	5	2104	158	56	121	6.8	8	8.2	101690111	331	2104	76
8/10/2005 16:00	19	0	37	65	2162	158	56	121	6.8	8	8.2	101704412.9	338	2162	70
8/10/2005 20:00	19	0	37	64	2558	158	56	121	6.8	8	8.2	101718430.9	392	2558	70
8/11/2005 0:00	19	0	36	66	2447	158	56	121	6.8	8	8.2	101732799.3	359	2447	72
8/11/2005 4:00	19	0	37	66	2555	158	56	121	6.8	7.9	8.2	101747218.1	428	2555	78
8/11/2005 8:00	19	0	37	66	2396	159	55	121	6.8	7.9	8.2	101761621.5	412	2396	75
8/11/2005 12:00	19	0	37	65	2537	159	56	122	6.8	8	8.2	101775799.4	321	2537	71
8/11/2005 16:00	19	0	36	64	2512	159	55	123	6.8	8	8.2	101790203.7	359	2512	70
8/11/2005 20:00	19	0	37	63	2604	159	55	123	6.8	8	8.2	101804601.9	397	2604	74
8/12/2005 0:00	19	0	36	64	2396	159	56	123	6.8	7.9	8.2	101818982.6	374	2396	65
8/12/2005 4:00	19	0	37	64	2341	158	56	121	6.8	7.9	8.2	101833361.4	468	2341	76
8/12/2005 8:00	19	0	36	8	2300	158	56	120	6.8	7.9	8.2	101847735	403	2300	71
8/12/2005 12:00	19	0	36	68	2447	159	55	123	6.8	8	8.2	101861884.3	434	2447	70
8/12/2005 16:00	19	0	38	64	2254	160	56	124	6.8	8	8.2	101876253.6	367	2254	74
8/12/2005 20:00	19	0	35	63	2445	160	56	123	6.8	8	8.2	101890612.8	347	2445	77
8/13/2005 0:00	19	0	35	65	2396	160	55	123	6.8	8	8.2	101904959.2	366	2396	75
8/13/2005 4:00	19	0	36	0	2555	160	55	123	6.8	8	8.2	101916438	407	2555	77
8/13/2005 8:00	19	0	37	65	2183	160	56	123	6.8	8	8.2	101930098.4	478	2183	86
8/13/2005 12:00	19	0	36	64	2452	160	55	124	6.8	8	8.2	101945319.6	401	2452	75
8/13/2005 16:00	19	0	36	65	2447	160	56	125	6.8	8	8.2	101959650.7	406	2447	80

8/13/2005 20:00	19	0	36	68	2254	160	56	124	6.8	8	8.2	101973986.6	387	2254	70
8/14/2005 0:00	19	0	39	64	2394	160	55	123	6.8	8	8.2	101988294.8	419	2394	69
8/14/2005 4:00	19	0	40	68	2447	159	56	123	6.8	8	8.2	102002855.4	368	2447	81
8/14/2005 8:00	19	0	37	66	2507	159	55	123	6.8	8	8.2	102017149.9	358	2507	71
8/14/2005 12:00	19	0	35	68	2507	160	56	125	6.8	8	8.2	102031418.8	342	2507	76
8/14/2005 16:00	19	0	35	64	2304	160	56	124	6.8	8	8.2	102045942.3	407	2304	75
8/14/2005 20:00	19	0	35	64	2396	158	55	122	6.8	8	8.2	102060188.7	469	2396	75
8/15/2005 4:00	0	0	0	0	18	159	61	136	6.7	7.9	8.1	102068836.9	29	18	25
8/15/2005 8:00	19	0	36	63	2544	158	55	121	6.8	7.9	8	102071355.6	437	2544	72
8/15/2005 12:00	19	0	38	63	2555	158	55	121	6.8	7.9	8.2	102085538.9	435	2555	87
8/15/2005 16:00	19	0	35	63	2507	158	55	121	6.8	7.9	8.2	102099995.7	434	2507	75
8/15/2005 20:00	19	0	39	63	2691	157	56	119	6.8	7.9	8.2	102114225.7	470	2691	75
8/16/2005 0:00	19	0	37	66	2447	157	56	120	6.8	7.9	8.2	102128718.7	427	2447	72
8/16/2005 4:00	19	0	38	63	2394	157	55	119	6.8	8	8.2	102142975.8	402	2394	81
8/16/2005 8:00	19	0	36	68	2447	157	55	119	6.8	7.9	8.2	102157480.2	432	2447	77

8/16/2005 12:00	19	0	37	0	2601	158	56	119	6.8	8	8.2	102171765.1	434	2601	66
8/16/2005 16:00	19	0	35	65	2544	157	55	119	6.8	8	8.2	102186230.7	420	2544	69
8/16/2005 20:00	19	0	35	64	2447	157	55	119	6.8	8	8.2	102200863.5	469	2447	76
8/17/2005 0:00	19	0	38	63	2396	157	55	120	6.8	7.9	8.2	102215091.7	458	2396	82
8/17/2005 4:00	19	0	36	64	2553	157	55	119	6.8	7.9	8.2	102229574.9	476	2553	71
8/17/2005 8:00	19	0	39	65	2601	157	55	119	6.8	7.9	8.1	102243826.5	422	2601	82
8/17/2005 12:00	19	0	35	63	2601	157	56	118	6.8	8	8.2	102258303.6	376	2601	76
8/17/2005 16:00	19	0	35	65	2544	157	55	120	6.8	8	8.2	102272755.6	327	2544	80
8/17/2005 20:00	19	0	38	63	2558	156	56	119	6.8	8	8.2	102286927.3	448	2558	69
8/18/2005 0:00	19	0	36	64	2544	156	56	118	6.8	7.9	8.2	102301340.5	447	2544	82
8/18/2005 4:00	19	0	38	65	2544	156	56	117	6.8	7.9	8.2	102315770.7	384	2544	77
8/18/2005 8:00	19	0	40	66	2601	156	55	117	6.8	7.9	8.2	102329969.2	417	2601	75
8/18/2005 12:00	19	0	36	65	2601	156	55	117	6.8	8	8.2	102344390.7	397	2601	64
8/18/2005 16:00	19	0	37	63	2544	156	56	117	6.8	8	8.2	102358842.5	392	2544	76
8/18/2005 20:00	19	0	37	63	2601	156	55	117	6.8	8	8.2	102373273.8	353	2601	76
8/19/2005 0:00	19	0	36	65	2447	157	56	119	6.8	8	8.2	102387409.9	398	2447	82
8/19/2005 4:00	19	0	37	63	2601	157	55	119	6.8	7.9	8.2	102401813.6	470	2601	75
8/19/2005 8:00	19	0	38	66	2601	157	55	119	6.8	8	8.2	102416236	412	2601	71
8/19/2005 12:00	19	0	38	63	2447	158	55	119	6.8	8	8.2	102430662.2	399	2447	77
8/19/2005 16:00	19	0	35	65	2553	158	55	120	6.8	8	8.2	102445095	344	2553	72
8/19/2005 20:00	19	0	37	67	2553	158	55	120	6.8	8	8.2	102459515.9	403	2553	75
8/20/2005 0:00	19	0	37	0	2691	158	55	120	6.8	8	8.2	102473802.3	452	2691	85
8/20/2005 4:00	19	0	37	64	2601	158	55	120	6.8	8	8.2	102488063.6	386	2601	72
8/20/2005 8:00	19	0	35	66	2774	158	55	121	6.8	8	8.2	102502508.6	388	2774	71
8/20/2005 12:00	20	0	37	63	2610	158	56	121	6.8	8	8.2	102516903.7	357	2610	69
8/20/2005 16:00	19	0	36	65	2555	159	55	121	6.8	8	8.2	102531303.1	353	2555	76
8/20/2005 20:00	19	0	37	64	2555	159	55	122	6.8	8	8.2	102545714	397	2555	72
8/21/2005 0:00	19	0	36	64	2555	159	55	121	6.8	8	8.2	1025601144	449	2555	81
8/21/2005 4:00	20	0	37	66	2691	159	56	122	6.8	8	8.2	1025745594	354	2691	81
8/21/2005 8:00	19	0	36	66	2601	159	55	122	6.8	8	8.2	102588947.3	331	2601	76
8/21/2005 12:00	19	0	37	64	2555	160	55	122	6.8	8	8.2	102603341.3	343	2555	64
8/21/2005 16:00	19	0	37	65	2447	159	56	122	6.8	8	8.2	102617735	388	2447	70
8/21/2005 20:00	19	0	35	62	2256	158	56	120	6.8	8	8.2	102632092.6	363	2256	69
8/22/2005 0:00	19	0	36	66	2601	158	56	121	6.8	8	8.2	102646425.4	399	2601	75
8/22/2005 4:00	20	0	36	62	2408	157	55	120	6.8	7.9	8.2	102660998.5	374	2408	82
8/22/2005 8:00	19	0	37	65	2546	157	55	120	6.8	7.9	8.2	102675301	372	2546	70
8/22/2005 12:00	19	0	37	64	2555	157	56	119	6.8	8	8.2	102689607.5	397	2555	75
8/22/2005 16:00	19	0	37	66	2548	157	56	121	6.8	8	8.2	102703889.6	404	2548	81
8/22/2005 20:00	19	0	35	62	2558	156	56	118	6.8	8	8.2	102718390.3	348	2558	75
8/23/2005 0:00	19	0	37	63	2447	156	55	117	6.8	8	8.2	102732668.5	399	2447	71
8/23/2005 4:00	19	0	37	0	2601	156	55	117	6.8	7.9	8.2	102747009	384	2601	82
8/23/2005 8:00	19	0	38	63	2601	156	55	118	6.8	7.9	8.2	102761458.2	396	2601	70
8/23/2005 12:00	19	0	37	62	2581	157	55	118	6.8	8	8.2	102775720	377	2581	74
8/23/2005 16:00	19	0	35	64	2592	157	56	118	6.8	8	8.2	102789921.8	384	2592	74
8/23/2005 20:00	19	0	37	63	2445	157	56	119	6.8	8	8.2	102804332	425	2445	75
8/24/2005 0:00	19	0	35	65	2601	156	55	118	6.8	7.9	8.2	102818522.5	450	2601	71
8/24/2005 4:00	19	0	35	65	2548	156	55	117	6.8	7.9	8.2	102832904.4	399	2548	82
8/24/2005 8:00	19	0	35	63	2413	156	55	117	6.8	7.9	8.2	102847066.9	349	2413	70
8/24/2005 12:00	19	0	39	62	2689	156	56	117	6.8	8	8.2	102861509.1	418	2689	69
8/24/2005 16:00	19	0	36	65	2604	156	56	117	6.8	8	8.2	102875676.2	460	2604	81
8/24/2005 20:00	19	0	38	63	2555	156	56	117	6.8	8	8.2	102890077	393	2555	71
8/25/2005 0:00	19	0	35	62	2546	155	56	116	6.8	8	8.2	102904463.4	412	2546	75
8/25/2005 4:00	19	0	38	62	2691	155	55	116	6.8	7.9	8.2	102918659.6	415	2691	72
8/25/2005 8:00	19	0	37	63	2746	156	55	117	6.8	8	8.2	102933081.4	409	2746	65
8/25/2005 12:00	19	0	35	0	2546	156	55	117	6.8	8	8.2	102947387.5	428	2546	70
8/25/2005 16:00	19	0	35	62	2555	156	56	118	6.8	8	8.2	102961693.8	363	2555	80
8/25/2005 20:00	19	0	38	62	2555	156	56	118	6.8	8	8.2	102976105.6	348	2555	77
8/26/2005 0:00	19	0	35	65	2873	156	55	117	6.8	8	8.2	102990515	464	2873	71
8/26/2005 4:00	19	0	38	5	2691	156	55	117	6.8	8	8.2	103004858.3	397	2691	73
8/26/2005 8:00	19	0	37	63	2771	156	56	117	6.8	7.9	8.2	103019079.2	437	2771	87
8/26/2005 12:00	19	0	36	63	2555	157	55	119	6.8	8	8.2	103033472	389	2555	83
8/26/2005 16:00	19	0	38	64	2344	157	55	119	6.8	8	8.2	103047815	468	2344	69
8/26/2005 20:00	19	0	37	61	2601	157	56	119	6.8	8	8.2	103062164.6	369	2601	73
8/27/2005 0:00	19	0	37	65	2553	157	56	118	6.8	8	8.2	103076530.5	402	2553	82
8/27/2005 4:00	19	0	37	61	2502	156	55	119	6.8	8	8.2	103090897.9	382	2502	75
8/27/2005 8:00	19	0	35	63	2553	157	56	118	6.8	7.9	8.2	103105245.9	383	2553	78
8/27/2005 12:00	19	0	38	62	2553	157	56	119	6.8	8	8.2	103119593.9	413	2553	70
8/27/2005 16:00	19	0	38	65	2447	157	56	120	6.8	8	8.2	103133945.7	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
8/28/2005 0:00	19	0	36	61	2555	158	56	120	6.8	8	8.2	103162890.1	481	2555	72

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 Point(SCP)

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

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

Case No: R
DAS No:

Region:	2
Project Code:	
Account Code:	,
CERCLIS ID:	NYD047650197
Spill ID:	02LH
Site Name/State:	Stanton Cleaners Area Groundwater Contai
Project Leader:	James Kearns
Action:	Operations and Maintenance
Sampling Co:	Earth Tech

Date Shipped:	8/15/2005
Carrier Name:	FedEx
Airbill:	851611551479
Shipped to:	USEPA Region II DESA Lab Building 209, MS-230 2890 Woodbridge Avenue Edison NJ 08837 (732) 906-6886

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Robert Derrick	8-15-05/11:00AM		
2			
3			
4			

Sampler Signature: Robert Derrick

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	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		Field Duplicate
EPA-EXT-02	Ground Water/ Robert Derrick	L/G	VOA (14)	(HCL) (3)	EPA-EXT-02	S: 8/15/2005 8:24		--
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		--
TB	Field QC/ Robert Derrick	L/G	VOA (14)	(HCL) (3)	Trip Blank	S: 8/15/2005 8:25		Trip Blank

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

TR Number: 2-411563104-080805-0001

REGION COPY

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

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

Case No: L
DAS No:
SDG No:

Date Shipped:	8/15/2005
Carrier Name:	FedEx
Airbill:	851611551479
Shipped to:	USEPA Region II DESA Lab Building 209, MS-230 2890 Woodbridge Avenue Edison NJ 08837 (732) 906-6886

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Robert Derrick	8-15-05 / 11:00 AM		
2			
3			
4			

Sampler Signature: Robert Derrick

For Lab Use Only

Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	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	Ground Water/ Robert Derrick	L/G	VOA (14)	(HCL) (3)	Effluent-A	S: 8/15/2005	8:56		
EPA-EXT-02	Ground Water/ Robert Derrick	L/G	VOA (14)	(HCL) (3)	EPA-EXT-02	S: 8/15/2005	8:24		
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		
TB	Field QC/ Robert Derrick	L/G	VOA (14)	(HCL) (3)	Trip Blank	S: 8/15/2005	8:25		

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:	
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					

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

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

Case No: R
DAS No:

Region:	2	Date Shipped:	8/15/2005	**Chain of Custody Record**	Sampler Signature: Robert Derrick
Project Code:		Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:		Airbill:	851611551479	1 Robert Derrick 8-15-05/11:00AM	
CERCLIS ID:	NYD047650197	Shipped to:	USEPA Region II DESA Lab Building 209, MS-230 2890 Woodbridge Avenue Edison NJ 08837 (732) 906-6886	2	
Spill ID:	02LH			3	
Site Name/State:	Stanton Cleaners Area Groundwater Contai			4	
Project Leader:	James Kearns				
Action:	Operations and Maintenance				
Sampling Co:	Earth Tech				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	QC Type
EFFLUENT	Ground Water/ Robert Derrick	L/G	VOA (14)	(HCL) (3)	Effluent	S: 8/15/2005 8:58		--

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? _____
VOA = CLP TCL Volatiles			

TR Number: 2-411563104-080905-0001

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

REGION COPY

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

Case No: L
DAS No:
SDG No:

Date Shipped:	8/15/2005
Carrier Name:	FedEx
Airbill:	851611551479
Shipped to:	USEPA Region II DESA Lab Building 209, MS-230 2890 Woodbridge Avenue Edison NJ 08837 (732) 906-6886

Chain of Custody Record

	Relinquished By	(Date / Time)	Received By	(Date / Time)
1	Robert Derrick	8-15-05/11:00AM		
2				
3				
4				

Sampler Signature: Robert Derrick

For Lab Use Only

Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
EFFLUENT	Ground Water/ Robert Derrick	L/G	VOA (14)	(HCL) (3)	Effluent	S: 8/15/2005 8:58		

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:	
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

TR Number: 2-411563104-080905-0001

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

Appendix B

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

FedEx. US Airbill
Express

FedEx Tracking Number 851611551479

Form ID No. 0200

1 From Please print and press hard.

Date 8-15-05 Sender's FedEx Account Number 2374-4259-8

Sender's Name James Kearns Phone (804) 283-5981

Company Earth Tech, Inc.

Address 110 Cutter Mill Rd. Dept/Floor/Suite/Room

City Great Neck State NY ZIP 11021

2 Your Internal Billing Reference First 24 characters will appear on invoice. 5442001

3 To

Recipient's Name Sample Custodian Phone (732) 906-6886

Company USEPA Region II DERA Lab

Recipient's Address Building 209 MS230

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address 2890 Woodbridge Avenue

To request a package be held at a specific FedEx location, print FedEx address here.

City Edison State NJ ZIP 08837

4a Express Package Service *Packages up to 150 lbs.* * To most locations

- [x] 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 Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation:

5 Packaging * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
1	4/8	$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

467

Try online shipping at fedex.com

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 liability.

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

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

	pH	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/Ethene, 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/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/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)

MONITORING WELL ID	CLP SAMPLE #	DATE COLLECTED	COMMENTS
EPA-MW-33	B36W4	8/29/05	
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	
CL-1D	B36W9	8/30/05	
CL-1S	B36X8	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-27-A	B3709	8/31/05	**FIELD DUPLICATE**
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

USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case: 34578 R
Client No:

Region:	2	Date Shipped:	8/29/2005
Project Code:		Carrier Name:	FedEx
Account Code:	,	Airbill:	851113789558
CERCLIS ID:	NYD047650197	Shipped to:	USEPA Region II DESA Lab Building 209, MS-230 2890 Woodbridge Avenue Edison NJ 08837 (732) 906-6886
Spill ID:	O2LH		
Site Name/State:	Stanton Cleaners Area Groundwater Contai		
Project Leader:	Leslee Alexander		
Action:	Operations and Maintenance		
Sampling Co:	Earth Tech		

Chain of Custody Record — Sampler Signature: [signature] (James [illegible])

	Relinquished By	(Date / Time)	Received By	(Date / Time)
1	[signature]	8/29/05 18:00		
2				
3				
4				

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	QC Type
EPA-MW-11D	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	~~(Zinc Acetate& Sodium Hyroxide) (6)~~ see note	EPA-MW-11D	S: 8/29/2005 14:00	Spike
EPA-MW-32	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	~~(Ice Only) (6)~~ see note	EPA-MW-32	S: 8/29/2005 16:15	--
EPA-MW-33	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	~~(Ice Only) (6)~~ See note	EPA-MW-33	S: 8/29/2005 14:20	--

Ø The following are the requested analyses, # of bottles for analyses and preservative.

Analysis	# of Bottles	Preservative
Alkalinity	1	unpreserved
Nitrate	1	unpreserved
Sulfide	2	Zinc acetate and Sodium Hydrox
Sulfate/Chloride	1	unpreserved
TOC	1	Sulfuric acid

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: ~~EPA-MW-11D MS/MSD~~	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/Cl = Sulfate/Chloride, TOC = 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

USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case 34578
Client No:
SDG No:

L

Date Shipped:	8/29/2005
Carrier Name:	FedEx
Airbill:	851113789558
Shipped to:	USEPA Region II DESA Lab Building 209, MS-230 2890 Woodbridge Avenue Edison NJ 08837 (732) 906-6886

Chain of Custody Record

Sampler Signature: [signature] (James Kearny, Earth Tech)

	Relinquished By	(Date / Time)	Received By	(Date / Time)
1	[signature]	8/29/05 1800		
2				
3				
4				

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		FOR LAB USE ONLY Sample Condition On Receipt
EPA-MW-11D	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	~~(Zinc Acetate& Sodium Hyroxide) (6)~~ (initials) See note	EPA-MW-11D	S: 8/29/2005	14:00	
EPA-MW-32	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	~~(Ice Only) (6)~~ (initials) See note	EPA-MW-32	S: 8/29/2005	16:15	
EPA-MW-33	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	~~(Ice Only) (6)~~ (initials) See note	EPA-MW-33	S: 8/29/2005	14:20	

Ø The following are the requested analyses, # of bottles for analyses, and preservative.

Analysis	# of Bottles	Preservative
Alkalinity	1	Unpreserved
Nitrate	1	Unpreserved
Sulfide	2	Zinc acetate and sodium Hydroxide
Sulfate/chloride	1	unpreserved
TOC	1	Sulfuric Acid

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC: ~~EPA-MW-11D - MS/MSD volume provided~~ (initials)	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? ___

Alkalinity = Alkalinity, NO3 = Nitrate, S- = Sulfide, SO4/Cl = Sulfate/Chloride, TOC = 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-[illegible]

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

Case No: 34578
DAS No:
SDG No:

L

Date Shipped:	8/29/2005
Carrier Name:	FedEx
Airbill:	853166420760
Shipped to:	A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1			
2			
3			
4			

Sampler Signature:

For Lab Use Only

Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
B36W3	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	EPA-MW-32	S: 8/29/2005	16:15		
B36W4	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	EPA-MW-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: 8/29/2005	13:00		
B3710	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	EPA-MW-11D-A	S: 8/29/2005	14:00		

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC: 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? ___

VOA = CLP TCL Volatiles

R Number: 2-411563104-082905-0002

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

EPA USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case: 34578 **R**
Client No:

Region:	2	Date Shipped:	8/30/2005	**Chain of Custody Record**	Sampler Signature: James Hearn (Tetra Tech)
Project Code:		Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:		Airbill:	853166420818	1 James Hearn 9/30/05 18:00	
CERCLIS ID:	NYD047650197	Shipped to:	USEPA REGION II DESA LAB Building 209, MS-230 2890 Woodbridge Ave. Edison NJ 08837 (732) 906-6856	2	
Spill ID:	O2LH			3	
Site Name/State:	Stanton Cleaners Area Groundwater Contami			4	
Project Leader:	Leslee Alexander				
Action:	Operations and Maintenance				
Sampling Co:	Earth Tech				

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		QC Type
CL-1D	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	(~~Zinc Acetate& Sodium Hydroxide~~) (~~6~~) (1) See note	CL-1D	S: 8/30/2005	9:10	--
CL-3	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	(~~Zinc Acetate& Sodium Hydroxide~~) (~~6~~) (2) See note	CL-3	S: 8/30/2005	13:25	--
CL-4D	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	(~~Ice Only~~) (~~5~~) (3) See note	CL-4D	S: 8/30/2005	11:25	--
CL-4S	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	(~~Ice Only~~) (~~5~~) (4) See note	CL-4S	S: 8/30/2005	12:15	--
EPA-MW-29	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	(~~Ice Only~~) (~~5~~) (5) See note	EPA-MW-29	S: 8/30/2005	11:30	--
EPA-MW-31	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	(~~Ice Only~~) (~~6~~) (6,7) See note	EPA-MW-31	S: 8/30/2005	9:30	--

Note: The following are the requested analysis, # of bottles for each analysis, and preservative

Analysis	# of bottles	Preservative
Alkalinity	1	Ice only
Nitrate	1	Ice only
4 Sulfide	2	Zinc Acetate and Sodium Hydroxide
## Sulfide	1	Zinc Acetate and Sodium Hydroxide
Sulfate/chloride	1	Ice only
TOC	1	Sulfuric Acid

CL-1D and EPA-MW-31 had a 250m preserved bottle for sulfide

CL-3D, CL-4D, CL-4S and EPA-MW had 1 bottle 500 mL preserved for S

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? _____

Alkalinity = Alkalinity, NO3 = Nitrate, S- = Sulfide, SO4/Cl = Sulfate/Chloride, TOC = Total Organic Carbon

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 Fax 703/264-9222

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

Case No: 34578 **R**
DAS No:

Region:	2	Date Shipped:	8/30/2005	**Chain of Custody Record**	Sampler Signature:
Project Code:		Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:		Airbill:	853166420770	1	
CERCLIS ID:	NYD047650197	Shipped to:	A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	2	
Spill ID:	O2LH			3	
Site Name/State:	Stanton Cleaners Area Groundwater Contami			4	
Project Leader:	Leslee Alexander				
Action:	Operations and Maintenance				
Sampling Co:	Earth Tech				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	QC Type
B36W2	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	EPA-MW-31	S: 8/30/2005 9:30		--
B36W5	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	CL-4S	S: 8/30/2005 12:15		--
B36W6	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	CL-4D	S: 8/30/2005 11:25		--
B36W7	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	CL-3	S: 8/30/2005 13:25		--
B36W9	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	CL-1D	S: 8/30/2005 9:10		--
B36X0	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	EPA-MW-29	S: 8/30/2005 11:30		--
B36X8	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	CL-1S	S: 8/30/2005 10:05		--
B36Y4	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	ST-MW-11	S: 8/30/2005 15:20		--
B36Z0	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	ST-MW-18	S: 8/30/2005 15:30		--
B36Z4	Field QC/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	TB-2	S: 8/30/2005 7:00		Trip Blank

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

TR Number: 2-500684269-083005-0002

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

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

Case No: 34578
DAS No:

K

Region:	2	Date Shipped:	8/30/2005	**Chain of Custody Record**	Sampler Signature:
Project Code:		Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:		Airbill:	853166420770	1	
CERCLIS ID:	NYD047650197	Shipped to:	A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	2	
Spill ID:	O2LH			3	
Site Name/State:	Stanton Cleaners Area Groundwater Contami			4	
Project Leader:	Leslee Alexander				
Action:	Operations and Maintenance				
Sampling Co:	Earth Tech				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	QC Type
B36Z9	Field QC/ Leslee 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 Blank-2	S: 8/30/2005	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 Iced? _____
VOA = CLP TCL Volatiles			

TR Number: 2-500684269-083005-0002

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

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

Case No: 34578
DAS No:
SDG No:

L

Date Shipped:	8/30/2005
Carrier Name:	FedEx
Airbill:	853166420770
Shipped to:	A4 Scientific 1644 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1			
2			
3			
4			

Sampler Signature:

For Lab Use Only

Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
B36W2	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	EPA-MW-31	S: 8/30/2005	9:30		
B36W5	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	CL-4S	S: 8/30/2005	12:15		
B36W6	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	CL-4D	S: 8/30/2005	11:25		
B36W7	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	CL-3	S: 8/30/2005	13:25		
B36W9	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	CL-1D	S: 8/30/2005	9:10		
B36X0	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	EPA-MW-29	S: 8/30/2005	11:30		
B36X8	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	CL-1S	S: 8/30/2005	10:05		
B36Y4	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	ST-MW-11	S: 8/30/2005	15:20		
B36Z0	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	ST-MW-18	S: 8/30/2005	15:30		
B36Z4	Field QC/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	TB-2	S: 8/30/2005	7:00		

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:	
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

R Number: 2-500684269-083005-0002

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

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

Case No: 34578
DAS No:
SDG No:
L

Date Shipped:	8/30/2005
Carrier Name:	FedEx
Airbill:	853166420770
Shipped to:	A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1			
2			
3			
4			

Sampler Signature:

For Lab Use Only

Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
B36Z9	Field QC/ Leslee 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		

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:	
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					

TR Number: 2-500684269-083005-0002

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

USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case 34578
Client No:
SDG No: L

Date Shipped:	8/30/2005
Carrier Name:	FedEx
Airbill:	853166420818
Shipped to:	USEPA REGION II DESA LAB Building 209, MS-230 2890 Woodbridge Ave. Edison NJ 08837 (732) 906-6886

Chain of Custody Record

	Relinquished By	(Date / Time)	Received By	(Date / Time)
1	James Hearn	8/30/05 18:00		
2				
3				
4				

Sampler Signature: James Hearn (James Kearns) Earth Tech

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT 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/Cl (14), TOC (14)	(~~Zinc Acetate& Sodium Hydroxide) (6)~~ see note	CL-1D	S: 8/30/2005	9:10
CL-3	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	(~~Zinc Acetate& Sodium Hydroxide) (5)~~ see note	CL-3	S: 8/30/2005	13:25
CL-4D	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	(~~Ice Only) (5)~~ see note	CL-4D	S: 8/30/2005	11:25
CL-4S	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	(~~Ice Only) (5)~~ see note	CL-4S	S: 8/30/2005	12:15
EPA-MW-29	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	(~~Ice Only) (6)~~ see note	EPA-MW-29	S: 8/30/2005	11:30
EPA-MW-31	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4/Cl (14), TOC (14)	(~~Ice Only) (6)~~ see note	EPA-MW-31	S: 8/30/2005	9:30

Notes

The following are the requested analyses, # of bottles for each analysis, and preservative.

Analysis	# of Bottles	preservative
Alkalinity	1	Ice only
Nitrate	1	Ice only
* Sulfide	2	Zinc Acetate & Sodium Hydroxide
** Sulfide	1	Zinc Acetate & Sodium Hydroxide
Sulfate/Chloride	1	Ice only
TOC	1	sulfuric Acid

* CL-1D, EPA-MW-31 had 2 250mL preserved bottles for Sulfide
** CL-3, CL-4D, CL-4S and EPA-MW-29 had 1 500mL preserved bottle for Sulfide

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:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? ___ Shipment Iced? ___

Alkalinity = Alkalinity, NO3 = Nitrate, S- = Sulfide, SO4/Cl = Sulfate/Chloride, TOC = Total Organic Carbon

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 Fax 703/264-9222

EQ/9.1-1/42

USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case 34578
Client No:
SDG No:

L

Date Shipped:	8/31/2005	**Chain of Custody Record**	Sampler Signature:
Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Airbill:	853166420829	1 8/31/05 1810	
Shipped to:	USEPA REGION II DESA LAB Building 209, MS-230 2890 Woodbridge Ave. Edison NJ 08837 (732) 906-6866	2	
		3	
		4	

For Lab Use Only

Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		FOR LAB USE ONLY Sample Condition On Receipt
EPA-MW-26	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(Zinc Acetate & Sodium Hydroxide) (5)~~ (A)	EPA-MW-26	S: 8/31/2005	15:45	
EPA-MW-27	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(Ice Only) (5)~~ (A)	EPA-MW-27	S: 8/31/2005	12:15	
EPA-MW-9A	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(H2SO4) (5)~~ (A)	EPA-MW-9A	S: 8/31/2005	9:00	
ST-MW-12	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(Ice Only) (5)~~ (A)	ST-MW-12	S: 8/31/2005	12:05	
ST-MW-17	Monitor Well	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(Ice Only) (5)~~ (A)	ST-MW-17	S: 8/31/2005	10:35	
ST-MW-19	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(Ice Only) (5)~~ (A)	ST-MW-19	S: 8/31/2005	16:30	
ST-MW-20	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(Ice Only) (5)~~ (A)	ST-MW-20	S: 8/31/2005	14:35	

See Note

Note - The following are the requested analyses, # of bottles for analyses, and corresponding preservative

Analysis	# of Bottles	Preservative
Alkalinity	1	Ice Only
Nitrate	1	Ice only
Sulfide	1	Zinc Acetate and Sodium hydroxide
Sulfate/Chloride	1	Ice only
TOC	1	Sulfuric Acid

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:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal intact? ___ Shipment Iced? ___

Alkalinity = Alkalinity, NO3 = Nitrate, S- = Sulfide, SO4Cl = Sulfate/Chloride, TOC = Total Organic Carbon

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 703/264-9222

EPA Contract Laboratory Program
Generic Chain of Custody

Reference Case: 34578
Client No:

R

Region:	2	Date Shipped:	8/31/2005	**Chain of Custody Record**	Sampler Signature:
Project Code:		Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:		Airbill:	853166420829	1 8/31/05 1800	
CERCLIS ID:	NYD047650197	Shipped to:	USEPA REGION II DESA LAB Building 209, MS-230 2890 Woodbridge Ave. Edison NJ 08837 (732) 906-6886	2	
Spill ID:	O2LH			3	
Site Name/State:	Stanton Cleaners Area Groundwater Contami			4	
Project Leader:	Leslee Alexander				
Action:	Operations and Maintenance				
Sampling Co:	Earth Tech				

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		QC Type
EPA-MW-26	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(Zinc Acetate& Sodium Hydroxide) (5)~~ See Fig note	EPA-MW-26	S: 8/31/2005	15:45	--
EPA-MW-27	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(Ice Only) (5)~~ See Fig note	EPA-MW-27	S: 8/31/2005	12:15	~~Spike~~ Fig
EPA-MW-9A	Monitor Well/ Russ Reynolds	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(H2SO4) (5)~~ See Fig note	EPA-MW-9A	S: 8/31/2005	9:00	--
ST-MW-12	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(Ice Only) (5)~~ See Fig note	ST-MW-12	S: 8/31/2005	12:05	--
ST-MW-17	Monitor Well	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(Ice Only) (5)~~ See Fig note	ST-MW-17	S: 8/31/2005	10:35	--
ST-MW-19	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(Ice Only) (5)~~ See Fig note	ST-MW-19	S: 8/31/2005	16:30	--
ST-MW-20	Monitor Well/ Leslee Alexander	L/G	Alkalinity (14), NO3 (14), S- (14), SO4Cl (14), TOC (14)	~~(Ice Only) (5)~~ See Fig note	ST-MW-20	S: 8/31/2005	14:35	--

The following are the requested analyses, # of bottles for analysis, and preservative

Analysis	# of Bottles	Preservative
Alkalinity	1	Ice only
N Trate	1	Ice only
Sulfide	1	zinc acetate & Sodium Hydroxide
TOC	1	Sulfuric acid
Sulfide/Chloride	1	Ice only

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? _____

Alkalinity = Alkalinity, NO3 = Nitrate, S- = Sulfide, SO4Cl = Sulfate/Chloride, TOC = Total Organic Carbon

TR Number: 2-500684269-083105-0001

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

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

Case No.: [illegible]
DAS No:
SDG No:

L

Date Shipped:	8/31/2005
Carrier Name:	FedEx
Airbill:	853166420781
Shipped to:	A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record

Sampler Signature: [signature] 08/31/05

Relinquished By (Date / Time)	Received By (Date / Time)
1 [signature] 8/31/05 [illegible]	
2	
3	
4	

For Lab Use Only

Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
B36X1	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	ST-MW-20	S: 8/31/2005 14:35		
B36X3	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (6)	EPA-MW-27	S: 8/31/2005 12:15		
B36X4	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	EPA-MW-26	S: 8/31/2005 15:45		
B36X5	Monitor Well Leslee Alexander	L/G	VOA (14)	(HCL) (3)	ST-MW-17	S: 8/31/2005 10:35		
B36X6	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	ST-MW-12	S: 8/31/2005 12:05		
B36X7	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	EPA-MW-9A	S: 8/31/2005 9:00		
B36Y3	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	ST-MW-06	S: 8/31/2005 10:20		
B36Y6	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	ST-MW-14	S: 8/31/2005 11:20		
B36Z1	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	ST-MW-19	S: 8/31/2005 16:30		
B36Z5	Field QC/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	TB-3	S: 8/31/2005 8:00		

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

TR Number: 2-500684269-083105-0002

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

Case No:
DAS No:
SDG No:

L

Date Shipped:	8/31/2005	**Chain of Custody Record**	Sampler Signature:
Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Airbill:	853166420781	1 8/31/05 1800	
Shipped to:	A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	2	
		3	
		4	

For Lab Use Only

Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
B3700	Field QC/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	FB-3	S: 8/31/2005	12:15		
B3705	Field QC/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	Equipment Blank-3	S: 8/31/2005	9:00		
B3709	Field QC/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	EPA-MW-27-A	S: 8/31/2005	12:15		

Shipment for Case Complete?Y	Sample(s) to be used for laboratory QC: B36X3, B3709	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? ___
VOA = CLP TCL Volatiles				

TR Number: 2-500684269-083105-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
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USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 34578
DAS No:
R

Region:	2	Date Shipped:	8/31/2005	Chain of Custody Record	Sampler Signature:
Project Code:		Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:		Airbill:	853166420781	1 8/31/05 1730	
CERCLIS ID:	NYD047650197	Shipped to:	A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	2	
Spill ID:	02LH			3	
Site Name/State:	Stanton Cleaners Area Groundwater Contami			4	
Project Leader:	Leslee Alexander				
Action:	Operations and Maintenance				
Sampling Co:	Earth Tech				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	QC Type
B36X1	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	ST-MW-20	S: 8/31/2005	14:35		--
B36X3	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (6)	EPA-MW-27	S: 8/31/2005	12:15		Spike
B36X4	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	EPA-MW-26	S: 8/31/2005	15:45		--
B36X5	Monitor Well Leslee Alexander	L/G	VOA (14)	(HCL) (3)	ST-MW-17	S: 8/31/2005	10:35		--
B36X6	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	ST-MW-12	S: 8/31/2005	12:05		--
B36X7	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	EPA-MW-9A	S: 8/31/2005	9:00		--
B36Y3	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	ST-MW-06	S: 8/31/2005	10:20		--
B36Y6	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	ST-MW-14	S: 8/31/2005	11:20		--
B36Z1	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	ST-MW-19	S: 8/31/2005	16:30		--
B36Z5	Field QC/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	TB-3	S: 8/31/2005	8:00		Trip Blank

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

TR Number: 2-500684269-083105-0002

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

Case No: 34578
DAS No:

R

Region:	2	Date Shipped:	8/31/2005
Project Code:		Carrier Name:	FedEx
Account Code:	,	Airbill:	853166420781
CERCLIS ID:	NYD047650197	Shipped to:	A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277
Spill ID:	O2LH		
Site Name/State:	Stanton Cleaners Area Groundwater Contami		
Project Leader:	Leslee Alexander		
Action:	Operations and Maintenance		
Sampling Co:	Earth Tech		

Chain of Custody Record — Sampler Signature: [signature]

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [signature]	28/4/05 1800		
2			
3			
4			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	QC Type
B3700	Field QC/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	FB-3	S: 8/31/2005 12:15		Lab QC
B3705	Field QC/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	Equipment Blank-3	S: 8/31/2005 9:00		Rinsate
B3709	Field QC/ Russ Reynolds	L/G	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 used for laboratory QC: B36X3, B3709	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? ______
VOA = CLP TCL Volatiles			

TR Number: **2-500684269-083105-0002**

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F2V5.1.045

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

Case No: 34578
DAS No:
SDG No: L

Date Shipped:	9/1/2005	**Chain of Custody Record**		Sampler Signature:	**For Lab Use Only**
Carrier Name:	FedEx	Relinquished By	(Date / Time)	Received By	(Date / Time)	Lab Contract No:
Airbill:	853166420792		9/1/05-1520		Unit Price:
Shipped to:	A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	2			Transfer To:
		3			Lab Contract No:
		4			Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
B36X9	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	EPA-MW-21	S: 9/1/2005	13:55		
B36Y0	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (6)	EPA-MW-23	S: 9/1/2005	14:05		
B36Y2	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	ST-MW-02	S: 9/1/2005	15:10		
B36Y5	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	ST-MW-13	S: 9/1/2005	11:55		
B36Y7	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	ST-MW-15	S: 9/1/2005	9:15		
B36Y8	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	ST-MW-16	S: 9/1/2005	10:10		
B36Z6	Field QC/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	TB-4	S: 9/1/2005	7:50		
B3701	Field QC/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	FB-4	S: 9/1/2005	8:00		
B3706	Field QC/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	Equipment Blank-4	S: 9/1/2005	10:00		
B3708	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	EPA-MW-23-A	S: 9/1/2005	14:05		

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:	
	B36Y0				
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					

TR Number: 2-500684269-090105-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
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USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 34578
DAS No:
SDG No: L

Date Shipped:	9/1/2005	**Chain of Custody Record**		Sampler Signature:	**For Lab Use Only**
Carrier Name:	FedEx	Relinquished By	(Date / Time)	Received By (Date / Time)	Lab Contract No:
Airbill:	853166420792	1	09/01/05/1500		Unit Price:
Shipped to:	A4 Scientific 1644 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	2			Transfer To:
		3			Lab Contract No:
		4			Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
B3711	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	EPA-MW-22	S: 9/1/2005	11:30		
B3712	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	EPA-MW-25	S: 9/1/2005	9:00		

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:	
	B36Y0				
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

TR 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 Halley Dr., Reston, VA. 20191-3400 Phone 703/264-9348 Fax 703/264-9222

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

Case No: 34578
DAS No:
R

Region:	2	Date Shipped:	9/1/2005
Project Code:		Carrier Name:	FedEx
Account Code:	,	Airbill:	853166420792
CERCLIS ID:	NYD047650197	Shipped to:	A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277
Spill ID:	02LH		
Site Name/State:	Stanton Cleaners Area Groundwater Contami		
Project Leader:	Leslee Alexander		
Action:	Operations and Maintenance		
Sampling Co:	Earth Tech		

Chain of Custody Record

Sampler Signature:

	Relinquished By (Date / Time)	Received By (Date / Time)
1	9/6/05 1500	
2		
3		
4		

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	QC Type
B36X9	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	EPA-MW-21	S: 9/1/2005	13:56		--
B36Y0	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (6)	EPA-MW-23	S: 9/1/2005	14:05		Spike
B36Y2	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	ST-MW-02	S: 9/1/2005	15:10		--
B36Y5	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	ST-MW-13	S: 9/1/2005	11:55		--
B36Y7	Monitor Well/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	ST-MW-15	S: 9/1/2005	9:15		--
B36Y8	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	ST-MW-18	S: 9/1/2005	10:10		--
B36Z8	Field QC/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	TB-4	S: 9/1/2005	7:50		Trip Blank
B3701	Field QC/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	FB-4	S: 9/1/2005	8:00		Lab QC
B3706	Field QC/ Russ Reynolds	L/G	VOA (14)	(HCL) (3)	Equipment Blank-4	S: 9/1/2005	10:00		Rinsate
B3708	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	EPA-MW-23-A	S: 9/1/2005	14:05		Field Duplicate

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: B36Y0	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key: VOA = CLP TCL Volatiles	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR 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 Halley Dr., Reston VA 20191-2400 Phone: 703/[illegible]

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

Case No: 34578 **R**
DAS No:

Region:	2
Project Code:	
Account Code:	'
CERCLIS ID:	NYD047650197
Spill ID:	O2LH
Site Name/State:	Stanton Cleaners Area Groundwater Contami
Project Leader:	Leslee Alexander
Action:	Operations and Maintenance
Sampling Co:	Earth Tech

Date Shipped:	9/1/2005
Carrier Name:	FedEx
Airbill:	853166420792
Shipped to:	A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record Sampler Signature: [signature]

Relinquished By	(Date / Time)	Received By	(Date / Time)
[signature] 09/06/05 1500			
2			
3			
4			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	QC Type
B3711	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	EPA-MW-22	S: 9/1/2005	11:30		--
B3712	Monitor Well/ Leslee Alexander	L/G	VOA (14)	(HCL) (3)	EPA-MW-25	S: 9/1/2005	9:00		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: B36Y0	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key: VOA = CLP TCL Volatiles	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? ______

TR 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 Halley Dr. Reston, VA 20191-3400 Phone [illegible]

Attachment C

August 29-September 1 Sampling Event

MUR13

FedEx Express US Airbill

FedEx Tracking Number 8468 9469 3893

Form ID No. 0215

1 From Please print and press hard.

Date [redacted]/05 Sender's FedEx Account Number 2379-4259-8

Sender's Name James Kearns Phone (201) 285-5981

Company Earth Tech

Address 110 Cutter Mill Road Dept./Floor/Suite/Room

City Great Neck State NY ZIP 11021

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To

Recipient's Name Sample Custodian Phone (918) 829-0101

Company ANALYTICAL MGMT LAB INC

Recipient's Address 9130 S MAELER ST
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address
To request this package be held at a specific FedEx location, print FedEx address here.

City TULSA State KS ZIP 66062-2716

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 Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation

5 Packaging * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [✓] Other

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery Available ONLY for** FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] **HOLD Weekday at FedEx Location NOT Available for** FedEx First Overnight
- [ ] **HOLD Saturday at FedEx Location Available ONLY for** FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [✓] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- [✓] Sender — Acct. No. in Section 1 will be billed
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. ____ Exp. Date ____

Total Packages	Total Weight	Total Declared Value†
1		$ .00

†Liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

466

Try online shipping at fedex.com

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 liability.

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

028564457 30

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE.

FedEx Express **US Airbill**

FedEx Tracking Number: 8531 6642 0760

Form ID No.: 0200

1 From (Please print and press hard.)

Date: 8/2/05 Sender's FedEx Account Number: 237442598

Sender's Name: James Kearns Phone: (804) 283-5981

Company: Earth Tech

Address: 110 Cutter Mill Rd. Dept/Floor/Suite/Room

City: Great Neck State: NY ZIP: 11021

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To

Recipient's Name: Sample Custodian/Cleaning Crew Phone: (281) 292-5277

Company: A4 Scientific

Recipient's Address: 1544 Sawdust Rd. Suite 505
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

Address:
To request a package be held at a specific FedEx location, print FedEx address here.

City: The Woodlands State: TX ZIP: 77380

Try online shipping at fedex.com

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 liability.

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

4a Express Package Service — *Packages up to 150 lbs.* * To most locations

- [X] 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*
- [X] FedEx Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service — *Packages over 150 lbs.* ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation

5 Packaging * One declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery Available ONLY for** FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] **HOLD Weekday at FedEx Location NOT Available for** FedEx First Overnight
- [ ] **HOLD Saturday at FedEx Location Available ONLY for** FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No.: 2 Exp. Date:

Total Packages	Total Weight	Total Declared Value†
1		$ .00

† Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

467

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PRINT THIS COPY FOR YOUR RECORDS

FedEx Express US Airbill

FedEx Tracking Number: 851113789558

Form ID No. 0200

1 From Please print and press hard.

Date: 8/24/05 Sender's FedEx Account Number: 237442598

Sender's Name: James Kearns Phone: (804) 283-5981

Company: Earth Tech

Address: 110 Cutter Mill Rd. Dept./Floor/Suite/Room: 6th

City: Great Neck State: NY ZIP: 11021

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To

Recipient's Name: Sample Custodian: John Bizzi Phone: (732) 906-6886

Company: USEPA Region II DESA Lab

Recipient's Address: 2890 Woodbridge Avenue
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address: Building 209, MS-230
To request a package be held at a specific FedEx location, print FedEx address here.

City: Edison State: NJ ZIP: 08837

Try online shipping at fedex.com

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 liability.

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

4a Express Package Service *Packages up to 150 lbs.* *To most locations

- [x] 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 Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation.

5 Packaging * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling Enter in Fed Ex Address in Section 3.

- [ ] SATURDAY Delivery — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — NOT Available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods including Dry Ice cannot be shipped in FedEx packaging. [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Cred't Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
1		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

467

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RETAIN THIS COPY FOR YOUR RECORDS

FedEx Express · US Airbill

FedEx Tracking Number 8531 6642 0770

Form ID No. 0200

1 From Please print and press hard.

Date 8/30/05 | Sender's FedEx Account Number 237442598

Sender's Name James Kearns | Phone (804) 283-5981

Company Earth Tech

Address 110 Cutter Mill Rd. | Dept./Floor/Suite/Room

City Great Neck, | State NY | ZIP 11021

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To

Recipient's Name Elena Cruz | Phone (281) 292-5277

Company A4 Scientific

Recipient's Address 1544 Sawdust Rd.
We cannot deliver to P.O. boxes or P.O. ZIP codes. | Dept./Floor/Suite/Room

Address Suite 505
To request a package be held at a specific FedEx location, print FedEx address here.

City The Woodlands | State TX | ZIP 77380

Try online shipping at fedex.com

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 liability.

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

4a Express Package Service — *Packages up to 150 lbs.* * To most locations

- [x] 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 Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service — *Packages over 150 lbs.* ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation:

5 Packaging — * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — NOT Available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ___ x ___ kg

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. | Exp. Date

Total Packages	Total Weight	Total Declared Value†
1		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

467

RETAIN THIS COPY FOR YOUR RECORDS.

FedEx Express — US Airbill

FedEx Tracking Number: 8531 6642 0818

Form ID No.: 0200

1 From Please print and press hard.

Date: 8/30/05

Sender's FedEx Account Number: 237442598

Sender's Name: James Kearns Phone: (804) 283-5981

Company: Earth Tech

Address: 110 Cutler Mill Rd. Dept./Floor/Suite/Room

City: Great Neck State: NY ZIP: 11021

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To

Recipient's Name: Sample Custodian - John Birn Phone: (732) 906 6886

Company: USEPA Region II DESA Lab

Recipient's Address: 2890 Woodbridge Avenue
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address: Building 209 MS-230
To request a package be held at a specific FedEx location, print FedEx address here.

City: Edison State: NJ ZIP: 08837

4a Express Package Service — *Packages up to 150 lbs.* * To most locations

- [x] 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 Express Saver — Third business day*

FedEx envelope rate not available. Minimum charge. One-pound rate.

4b Express Freight Service — *Packages over 150 lbs.* ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation

5 Packaging *Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. ____ Exp. Date ____

Total Packages	Total Weight	Total Declared Value†
1		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

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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 liability.

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

MUR13

FedEx Express US Airbill

FedEx Tracking Number 8468 9469 3908

Form ID No. 0215

1 From Please print and press hard.

Date 8/30/05 Sender's FedEx Account Number 2374-12548

Sender's Name James Kearns Phone (801) 283-5981

Company Earth Tech

Address 110 Cutter Mill Road Dept./Floor/Suite/Room

City Great Neck State NY ZIP 11024

2 Your Internal Billing Reference
First 24 characters will appear on invoice

3 To

Recipient's Name Sample Custodian Phone (913) 829-0101

Company ANALYTICAL MGMT GRP INC

Recipient's Address 1810 S MEELER ST
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address
To request a package be held at a specific FedEx location, print FedEx address here

City OLATHE State KS ZIP 66062-2716

4a Express Package Service *Packages up to 150 lbs. *To most locations*

- [x] 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 Express Saver — Third business day*

FedEx Envelope rates apply. Minimum charge. One pound rate.

4b Express Freight Service *Packages over 150 lbs. *To most locations*

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

**Call for Confirmation.

5 Packaging * Declared Value Limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Sleeve Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery Available ONLY for** FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] **HOLD Weekday at FedEx Location NOT Available for** FedEx First Overnight
- [ ] **HOLD Saturday at FedEx Location Available ONLY for** FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. ____ Exp. Date ____

Total Packages	Total Weight	Total Declared Value†	
1		$ .00	FedEx Use Only

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

Try online shipping at fedex.com

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 liability.

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

0285645730

466

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE.

FedEx Express US Airbill

FedEx Tracking Number 8531 6642 0781

Form ID No. 0200

1 From Please print and press hard.

Date 8/31/05 Sender's FedEx Account Number 137442598

Sender's Name James Kearns Phone (804) 283-5981

Company Earth Tech

Address 110 Cutter Mill Rd. Dept./Floor/Suite/Room

City Great Neck State NY ZIP 11021

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To

Recipient's Name Eleana Cruz Phone (281) 292-5277

Company A4 Scientific

Recipient's Address 1544 Sawdust Road, Suite 505
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address
To request a package be held at a specific FedEx location, print FedEx address here.

City The Woodlands State TX ZIP 77380

Try online shipping at fedex.com

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 liability.

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

4a Express Package Service *Packages up to 150 lbs.* * To most locations

- [x] 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 Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation:

5 Packaging * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — NOT Available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ___ x ___ kg

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.
- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
1		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

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RETAIN THIS COPY FOR YOUR RECORDS.

FedEx Express US Airbill

FedEx Tracking Number 8531 6642 0829

Form ID No. 0200

1 From *Please print and press hard*

Date 8/31/05 Sender's FedEx Account Number 237442598

Sender's Name James Kearns Phone (804) 283-5981

Company Earth Tech

Address 110 Cutter Mill Rd. Dept./Floor/Suite/Room

City Great Neck State NY ZIP 11021

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To

Recipient's Name Sample Custodian: John Bir Phone (732) 906-6896

Company USEPA Region II DESA Lab

Recipient's Address 2890 Woodbridge Avenue
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address Building 209 MS-230
To request a package be held at a specific FedEx location, print FedEx address here.

City Edison State NJ ZIP 08837

4a Express Package Service — *Packages up to 150 lbs.* * To most locations

- [x] 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 Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service — *Packages over 150 lbs.* ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation:

5 Packaging * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] **HOLD Weekday** at FedEx Location — NOT Available for FedEx First Overnight
- [ ] **HOLD Saturday** at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages **Total Weight** **Total Declared Value†** $ .00

FedEx Use Only

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MUR13

FedEx Express *US Airbill*

FedEx Tracking Number 8468 9469 3919

Form ID No. 0215

1 From

Date 08/31/05 — Sender's FedEx Account Number 2374-4259-8

Sender's Name James Kearns — Phone (801) 284-5981

Company Earth Tech

Address 110 Cutter Mill Road — Dept/Floor/Suite/Room

City Great Neck — State NY — ZIP 11021

2 Your Internal Billing Reference

3 To

Recipient's Name Sample Custodian — Phone (913) 829-0101

Company ANALYTICAL MGMT LAB INC

Recipient's Address 1130 S KEELER ST

We cannot deliver to P.O. boxes or P.O. ZIP codes. — Dept/Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City OLATHE — State KS — ZIP 66062-2716

4a Express Package Service — *Packages up to 150 lbs.*

[x] 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 Express Saver (Third 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 — *Declared value limit $500

[ ] FedEx Envelope* [ ] FedEx Pak* (Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak) [ ] FedEx Box [ ] FedEx Tube [x] Other

6 Special Handling — Include FedEx address in Section 3.

[ ] SATURDAY Delivery — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
[ ] HOLD Weekday at FedEx Location — NOT Available for FedEx First Overnight
[ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

[x] No [ ] Yes As per attached Shipper's Declaration [ ] Yes Shipper's Declaration not required [ ] Dry Ice Dry Ice, 9, UN 1845 ___ x ___ kg

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging. [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

[x] Sender (Acct. No. in Section 1 will be billed.) [ ] Recipient [ ] Third Party [ ] Credit Card [ ] Cash/Check

FedEx Acct. No. / Credit Card No. — Exp. Date

Total Packages	Total Weight	Total Declared Value†
1		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

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0285645730

FedEx Express — US Airbill

FedEx Tracking Number: 8531 6642 0792

Form ID No.: 0200

1 From *Please print and press hard.*

Date: 9/1/05

Sender's FedEx Account Number: 2374-4259-8

Sender's Name: James Kearns Phone: (804) 283-5981

Company: Earth Tech

Address: 110 Cutter Mill Rd. Dept./Floor/Suite/Room:

City: Great Neck State: NY ZIP: 11021

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To

Recipient's Name: Eleana Cruz Phone: (281) 292-5277

Company: A4 Scientific

Recipient's Address: 1544 Sawdust Rd. Suite 505
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room:

Address:
To request a package be held at a specific FedEx location, print FedEx address here.

City: The Woodlands State: TX ZIP: 77380

4a Express Package Service — *Packages up to 150 lbs.* *To most locations

- [x] 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 Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service — *Packages over 150 lbs.* ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

*Call for Confirmation

5 Packaging — *Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 x ____ kg

Dangerous goods including Dry Ice cannot be shipped in FedEx packaging. [ ] Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No.: Exp. Date:

Total Packages	Total Weight	Total Declared Value†
1		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

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

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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
CLIENT:	USACE / USEPA	**MEASURED BY:**	Leslee Alexander
SURVEY DATUM:	ft msl		
MEASURING DEVICE:	Solinst Water Level Indicator S/N# 34407		

	Time (Military)	MEASURING POINT		DEPTH TO WATER (FT)	ELEVATION OF WATER (FT)	COMMENTS
		Description	Elevation (FT)			
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

PROJECT:	Stanton Cleaners Great Neck, NY	**JOB NUMBER:**	70536
LOCATION:		**DATE:**	8/29/2005
CLIENT:	USACE / US EPA	**MEASURED BY:**	Leslee Alexander
SURVEY DATUM:	ft msl		
MEASURING DEVICE:	Solinst Water Level Indicator S/N# 34407		

WELL NUMBER	TIME (Military)	MEASURING POINT		DEPTH TO WATER (FT)	ELEVATION OF WATER (FT)	COMMENTS
		Description	Elevation (FT)			
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	TOC	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

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**
Influent	SC-01	B0001	10/27/2003	MTBE	2	J
				cis -1,2-Dichloroethene	2	J
				Trichloroethene (TCE)	3	J
				Toluene	3	J
				Tetrachloroethene	350 (D)	
Effluent	SC-04	B0002	10/27/2003	None		
Trip Blank	SC-TB	B0003	10/27/2003	Acetone	61	J
				Methylene chloride	2	J
Influent	SC-01	B0177	11/12/2003	Tetrachloroethene (PCE)	240	
				Chlorodifluoromethane	8.6	NJ
				1,2-Dichloroethene	3.3	NJ
Effluent	SC-04	B0178	11/12/2003	Chlorodifluoromethane	22	NJ
Influent Dup	SC-60	B0179	11/12/2003	Tetrachloroethene	250	
				Chlorodifluoromethane	29	NJ
				1,2-Dichloroethene	3.4	NJ
Trip Blank	SC-TB	B0180	11/12/2003	Tetrachloroethene	9.4	
				Chlorodifluoromethane	4.3	NJ
Influent	SC-01	B17J3	12/10/2003	Tetrachloroethene	290 (D)	
				cis -1,2-Dichloroethene	2	J
				Trichloroethene	3	J
Effluent	SC-04	B17J4	12/10/2003	None		
Influent Dup	SC-61	B17J5	12/10/2003	Tetrachloroethene	280 (D)	
				cis -1,2-Dichloroethene	2	J
				Trichloroethene	3	J
Trip Blank	SC-TB	B17J6	12/10/2003	MTBE	5	J
				Toluene	2	J
				Ethylbenzene	2	J
Influent	SC-01	B1000	1/12/2004	MTBE	2.7	
				cis -1,2-Dichloroethene	1.5	
				Trichloroethene	2.5	
				Tetrachloroethene	280	
Effluent	SC-04	B1001	1/12/2004	None		
Influent Dup	SC-62	B1002	1/12/2004	MTBE	2.6	
				cis -1,2-Dichloroethene	1.5	
				Trichloroethene	2.5	
				Tetrachloroethene	300	
Trip Blank	SC-TB	B1003	1/12/2004	Methylene chloride	0.6	K
				MTBE	3.7	
				Tetrachloroethene	7.9	
				m&p-Xylene	0.7	
Influent	SC-01	B17Z0	2/12/2004	*cis* -1,2-Dichloroethene	1.7	
				Trichloroethene	3.0	
				Tetrachloroethene	610 (D)	
				Unknown TIC	0.53	J
Effluent	SC-04	B17Z1	2/12/2004	Acetone	3.8	J
Influent Dup	SC-63	B17Z2	2/12/2004	Acetone	25	J
				cis -1,2-Dichloroethene	1.7	
				Trichloroethene	2.8	
				Tetrachloroethene	440 (D)	

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**
Trip Blank	SC-TB	B17Z3	2/12/2004	Methylene chloride	0.16	J
				MTBE	4.7	
				Chloroform	0.26	J
				Tetrachloroethene	7.1	
				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
Influent	SC-01	B17Z6	3/10/2004	MTBE	2.7	
				cis -1,2-Dichloroethene	1.2	
				Trichloroethene	2.3	
				Tetrachloroethene	260	
Effluent	SC-04	B17Z7	3/10/2004	Tetrachloroethene	0.70	
Influent Dup	SC-64	B17Z8	3/10/2004	MTBE	2.8	
				cis -1,2-Dichloroethene	1.2	
				Trichloroethene	2.3	
				Tetrachloroethene	260	
Trip Blank	SC-TB	B17Z9	3/10/2004	Acetone	1.8	
				Toluene	0.50	
				Isobutane	41	NJ
Influent	SC-01	B1BS2	4/14/2004	MTBE	1.9	
				cis -1,2-Dichloroethene	0.83	
				Trichloroethene	1.5	
				Tetrachloroethene	380 (D)	
Effluent	SC-04	B1BS3	4/14/2004	Tetrachloroethene	1.9	
Influent Dup	SC-65	B1BS4	4/14/2004	Acetone	1.2	J
				MTBE	1.5	
				cis -1,2-Dichloroethene	0.67	J
				Trichloroethene	1.1	
				Tetrachloroethene	260 (D)	
Trip Blank	SC-TB	B1BS5	4/14/2004	Methylene chloride	0.17	J
				Chloroform	2.8	
				Bromodichloromethane	0.80	
Influent	SC-01	B1BS6	5/20/2004	MTBE	2.1	
				cis -1,2-Dichloroethene	1.0	
				Trichloroethene	1.8	
				Tetrachloroethene	190	
Effluent	SC-04	B1BS7	5/20/2004	Acetone	1.2	
Influent Dup	SC-66	B1BS8	5/20/2004	Acetone	0	
				MTBE	2.1	
				cis -1,2-Dichloroethene	0.9	
				Trichloroethene	1.6	
				Tetrachloroethene	200	
Trip Blank	SC-TB	B1BS9	5/20/2004	Acetone	1	
				Chloroform	0	
				Bromodichloromethane	0	
Influent	SC-01	B1BS6	6/15/2004	Carbon Disulfide	1.1	
				MTBE	2.7	
				cis -1,2-Dichloroethene	1.3	
				Trichloroethene	2.4	
				Tetrachloroethene	320	

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**
Effluent	SC-04	B1BS7	6/15/2004	Tetrachloroethene	2.1	
Influent Dup	SC-67	B1BS8	6/15/2004	MTBE	2.3	
				cis -1,2-Dichloroethene	1.2	
				Trichloroethene	2.2	
				Tetrachloroethene	330	
Trip Blank	SC-TB	B1BS9	6/15/2004	None		
Influent	SC-01	B1FJ2	7/13/2004	Acetone	0.8	
				MTBE	2.3	
				cis -1,2-Dichloroethene	1.1	
				Trichloroethene	1.7	
				Tetrachloroethene	170	
Effluent	SC-04	B1FJ3	7/13/2004	Acetone	0.72	
				Tetrachloroethene	2	
Influent Dup	SC-67	B1FJ4	7/13/2004	MTBE	2.4	
				cis -1,2-Dichloroethene	1.1	
				Trichloroethene	1.8	
				Tetrachloroethene	160	
Trip Blank	SC-TB	B1FJ5	7/13/2004	Acetone	0.73	
				Acetic Acid, Ethyl Ester	2.5	NJ
Influent	SC-01	B1GH2	8/16/2004	MTBE	1.9	
				cis -1,2-Dichloroethene	0.7	
				Trichloroethene	1.5	
				Tetrachloroethene	200	
				Acetone	2	
Effluent	SC-04	B1GH3	8/16/2004	Tetrachloroethene	5.4	
				Acetone	1.6	
Influent Dup	SC-69	B1GH4	8/16/2004	Acetone	1.2	
				MTBE	2	
				cis -1,2-Dichloroethene	0.7	
				Trichloroethene	1.5	
				Tetrachloroethene	210	
Influent	SC-01			Chloromethane	0.80	
				Acetone	1.0	
				MTBE	1.5	
				cis- 1,2-Dichloroethene	0.70	
				Trichloroethene	1.4	
				Tetrachloroethene	200	
Effluent	SC-04			Chloromethane	0.80	
				Acetone	2.1	
				Tetrachloroethene	1.7	
Influent Dup	SC-70			Acetone	1.0	
				MTBE	1.3	
				cis- 1,2-Dichloroethene	0.60	
				Trichloroethene	1.4	
				Tetrachloroethene	210	
Trip Blank	SC-TB			Acetone	2.2	
				2-Butanone	1.5	
Influent	SC-01	B1LZ2	10/21/2004	Acetone	5	J
				Methylene chloride	0.2	J
				MTBE	0.82	
				cis -1,2-Dichloroethene	0.5	
				Trichloroethene	1.2	
				Tetrachloroethene	220	

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**
Effluent	SC-04	B1LZ3	10/21/2004	Acetone	5	J
				Methylene chloride	0.5	UJ
				Tetrachloroethene	0.2	J
Influent Dup	SC-71	B1LZ4	10/21/2004	Acetone	5	J
				Methylene chloride	1.1	
				MTBE	1.1	
				cis -1,2-Dichloroethene	0.64	
				Trichloroethene	1.1	
				Tetrachloroethene	210	(D)
Trip Blank	SC-TB	B1LZ5	10/21/2004	Acetone	5.7	
				Methylene chloride	0.68	
				Toluene	0.39	J
Influent	SC-01	B1T22	11/17/2004	Acetone	3	J
				Methylene chloride	1.3	U
				MTBE	1.3	
				cis -1,2-Dichloroethene	0.64	
				Trichloroethene	1.2	
				Tetrachloroethene	170	(D)
Effluent	SC-04	B1T23	11/17/2004	Methyl Acetate	0.5	UJ
				Methylene chloride	0.5	U
Influent Dup	SC-72	B1T24	11/17/2004	Methylene chloride	0.85	U
				MTBE	1.3	
				cis -1,2-Dichloroethene	0.5	
				Trichloroethene	0.83	
				Tetrachloroethene	160	(D)
Trip Blank	SC-TB	B1T25	11/17/2004	Acetone	3	J
				Methyl Acetate	0.5	UJ
				Methylene chloride	0.46	J
				2-Butanone	2.4	J
				Tetrachloroethene	9.6	
				1,2,3-Trichlorobenzene	0.5	UJ
Influent	SC-01	B1T79	12/15/2004	MTBE	1.6	
				cis -1,2-Dichloroethene	0.45	J
				Trichloroethene (TCE)	1.0	J
				Tetrachloroethene	100	(D)
				Methylcyclohexane	1	UJ
				Bromomethane	1	UJ
				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
Effluent	SC-04	B1T81	12/15/2004	Benzene	0.5	JB
				1,2,4-Trichlorobenzene	0.5	JB
				1,2,3-Trichlorobenzene	0.5	JB
Influent Dup	SC-73	B1T80	12/15/2004	Methyl tert-Butyl Ether	1.6	
				cis-1,2-Dichloroethene	0.48	J
				Trichloroethene	0.98	J
				4-Methyl-2-pentanone	10	R
				Tetrachloroethene	98	(D)
				2-Hexanone	10	R

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**
Trip Blank	SC-TB	B1T82	12/15/2004	Chloroform	0.1	J
				Cyclohexane	0.15	J
				Benzene	0.5	JB
				Toluene	0.21	J
Influent	SC-01	B1W00	1/21/2005	MTBE	1.5	
				cis -1,2-Dichloroethene	0.7	
				Trichloroethene (TCE)	1.4	
				Tetrachloroethene	160	
Effluent	SC-04	B1W02	1/21/2005	Acetone	1.8	
Influent Dup	SC-74	B1W01	1/21/2005	Methyl tert-Butyl Ether	1.4	
				cis-1,2-Dichloroethene	0.7	
				Trichloroethene	1.4	
				Tetrachloroethene	150	
				Acetone	10	
Trip Blank	SC-TB	B1W03	1/21/2005	Acetone	3.5	
Influent	SC-01	AG00197	2/3/2005	MTBE	1.4	
				cis -1,2-Dichloroethene	0.5	
				Trichloroethene (TCE)	1.1	
				Tetrachloroethene	140	
Effluent	SC-04	AG00198	2/3/2005	Acetone	1.2	
Influent Dup	SC-75	AG00199	2/3/2005	Methyl tert-Butyl Ether	1.5	
				cis-1,2-Dichloroethene	0.54	
				Trichloroethene	1.1	
				Tetrachloroethene	140	
				Acetone	1.1	
Trip Blank	SC-TB	AG00200	2/3/2005	Acetone	4.3	
				4-Methyl-2-pentanone	1.2	
Influent	SC-01	AG00468	3/9/2005	MTBE	1.4	
				Acetone	2.5	
				Trichloroethene (TCE)	1.1	
				Tetrachloroethene	130	
Effluent	SC-04	AG00469	3/9/2005	Acetone	1.8	
Influent Dup	SC-76	AG00470	3/9/2005	MTBE	1.4	
				Acetone	1.2	
				Trichloroethene	1.1	
				Tetrachloroethene	130	
Trip Blank	SC-TB	AG00471	3/9/2005	Acetone	1.7	
				Chloroform	1.6	
Influent (EPA-EXT-02)	SC-01	AG00825	4/22/2005	MTBE	1.7	
				2-Butanone	2.2	
				Acetone	2.4	
				Trichloroethene (TCE)	1.1	
				Tetrachloroethene	65	
Influent (EPA-EXT-4R)	SC-02	AG00826	4/22/2005	2-Butanone	2.5	
				Acetone	5.1	
				Trichloroethene (TCE)	1.3	
				Tetrachloroethene	9.5	
Effluent	SC-04	AG00827	4/22/2005	None		
Influent Dup ~~(EPA-EXT-02)~~ (EPA-EXT-4R)	SC-77	AG00828	4/22/2005	2-Butanone	2.8	
				Acetone	4.9	
				Trichloroethene	1.3	
				Tetrachloroethene	9	

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**
Trip Blank	SC-TB	AG00829	4/22/2005	Acetone	1	
				Chloroform	1.7	
				Trichloroethene (TCE)	0.84	
Influent (EPA-EXT-02)	SC-01	AG01320	5/24/2005	MTBE	1.1	
				Trichloroethene (TCE)	1.0	
				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	
Trip Blank	SC-TB	AG01324	5/24/2005	Acetone	1.3	
				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.

µg/L = micrograms per liter

MTBE = Tert-butyl-methyl-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

	MultiRAE Plus PGM-50					VelociCalc Plus				
	VOC	CO	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

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

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
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

	MultiRAE Plus PGM-50					VelociCalc Plus				
	VOC	**CO**	**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

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

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
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					VelociCalc Plus				
	VOC	CO	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)

EARTH TECH
A Tyco Infrastructure Services Company

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

WELL NUMBER	MEASURING POINT		DEPTH TO WATER (FT)	ELEVATION OF WATER (FT)	COMMENTS
	Description	Elevation (FT)			
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 over--can'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 car--can'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

HISTORICAL GROUNDWATER ELEVATIONS
STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE
GREAT NECK, NASSAU COUNTY, NEW YORK

Well ID	Top of PVC Elevation (ft msl)	10/29/2003		10/31/2003		11/22/03 - 11/23/03	
		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

-- - Not measured

HISTORICAL GROUNDWATER ELEVATIONS
STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE
GREAT NECK, NASSAU COUNTY, NEW YORK

Well ID	Top of PVC Elevation (ft msl)	12/17/03 - 12/18/03		1/12/2004		2/26/2004	
		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

-- - Not measured

HISTORICAL GROUNDWATER ELEVATIONS
STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE
GREAT NECK, NASSAU COUNTY, NEW YORK

Well ID	Top of PVC Elevation (ft msl)	3/29/2004		4/5/2004		5/19/2004	
		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

-- - Not measured

HISTORICAL GROUNDWATER ELEVATIONS
STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE
GREAT NECK, NASSAU COUNTY, NEW YORK

Well ID	Top of PVC Elevation (ft msl)	6/14/2004		7/21/04 - 7/22/04		8/2/2004	
		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

-- - Not measured

HISTORICAL GROUNDWATER ELEVATIONS
STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE
GREAT NECK, NASSAU COUNTY, NEW YORK

Well ID	Top of PVC Elevation (ft msl)	9/28/04 - 9/29/04		10/12/04 -10/13/04		11/3/2004	
		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

-- - Not measured

HISTORICAL GROUNDWATER ELEVATIONS
STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE
GREAT NECK, NASSAU COUNTY, NEW YORK

Well ID	Top of PVC Elevation (ft msl)	12/8/2004		1/3/2005		2/7/2005	
		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

-- - Not measured

HISTORICAL GROUNDWATER ELEVATIONS
STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE
GREAT NECK, NASSAU COUNTY, NEW YORK

Well ID	Top of PVC Elevation (ft msl)	3/22/2005		4/11/2005		5/19/2005	
		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

-- - Not measured

HISTORICAL GROUNDWATER ELEVATIONS
STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE
GREAT NECK, NASSAU COUNTY, NEW YORK

Well ID	Top of PVC Elevation (ft msl)	6/15/2005		7/7/2005		8/4/2005	
		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

-- - Not measured

Appendix I

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

Appendix J

Action List Dated August 2005

EARTH TECH
A Tyco Infrastructure Services Company

August 2005 ACTION LIST SUMMARY

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 ITEMS /	**RECOMMENDED SOLUTION**
Replacement of circuit breaker panel. Installation of cage around radon blower at the Long Island Jewish Academy Indoor Air sampling Event Replacement of Carbon Filters at LIHA/R2D2s at Stanton Treatment Building	