Operations and Monitoring Report
April 2008 – June 2008

Site:
Stanton Cleaners Area Groundwater Contamination
Great Neck, NY

Prepared for:
Environmental Chemical Corporation
1125 Route 22 West
Bridgewater, New Jersey 08807

Prepared by:
NEIE, Inc.
5772 Charles City Circle
Richmond, Virginia 23231

July 05, 2008

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July 05, 2008

Author: Greg Stadden

Title: Engineer

Date: July 31,2008

Reviewer:Carol DiGuardia

Title: Senior Scientist

Date: July 31, 2008

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1.0 INTRODUCTION

This Operations & Monitoring Report was prepared by NEIE Inc. (NEIE), as a subcontractor to Environmental Chemical Corporation (ECC).

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 and includes a two-story building in which a dry-cleaning business operates and an adjacent one-story boiler/storage building.

The site is presently under the jurisdiction of the Remedial Branch of the United States Environmental Protection Agency (USEPA), Region II; United States Army Corps of Engineers (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. NEIE, as a subcontractor to ECC, provides support on the following tasks as described in the Work Plan:

- Operation and maintenance (O&M) of the GWT system and SVE system, 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; and,
- 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 (Revised February 3, 2003); and,
- Sampling Quality Assurance Project Plan (SQAPP) dated August 22, 2000.

As required by the Scope of Work for this project, summary reports are prepared to document and summarize the activities taking place. These reports provide a description of work performed during the reporting period and include deliverables as appendices.

2.0 SUMMARY OF ACTIVITIES

The following list summarizes activities performed and milestone dates under this contract during the reporting period.

- O & M Inspection/ System Monitoring 4/3/2008
- Monthly System Sampling 4/3/2008
- Semi-annual Monitoring Well Sampling 4/28-4/30/2008
- O & M Inspection/System Monitoring 4/30/2008
- Indoor Air Quality Sampling 4/30-5/1/2008
- Monthly System Sampling (May) 4/30/2008
- Replace aqueous phase GAC vessel 5/1/2008
- O & M Inspection/System Monitoring 5/15/2008
- SVE Oil and Grease change 5/15/2008
- O & M Inspection/System Monitoring 6/2/2008
- LIHA Air Filter Change Out 6/2/2008
- Monthly System Sampling 6/2/2008
- O & M Inspection/System Monitoring 6/16/2008
- Install new drains in SVE lines 6/19/2008
- Service and drain SVE lines 6/29/2008

The system treated and discharged approximately 6,265,787 gallons during the three month period.

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

There are currently two recovery wells pumping water into the system (EPA-EXT-02 and EPA-MW-24). EPA-EXT-02 is located in the triangle, the corner of New Cutter Mill Road and Mirrielees Road. Extraction well MW-24 had been 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. EPA-EXT-4R 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-EXT-4R in April 2005 was made by the USEPA. Later, in early 2006, based on an evaluation of laboratory analytical results obtained from extraction well EPA-EXT-4R and monitoring well sampling results for monitoring wells located in the area of EPA-MW-24, the decision was made to shut down extraction well EPA-EXT-4R and re-activate EPA-MW-24. Therefore, EPA-EXT-4R was taken offline and EPA-MW-24 was activated on February 2, 2006.

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 the O&M inspection events and 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 on-site personnel. The checklists are completed and sent to a Project 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 programmable logic controller (PLC). This data is downloaded every month. The 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, GWT system 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 do not exceed the National Pollutant Discharge Elimination System (NPDES) permit equivalency. The combined GWT system influent, along with the GWT system effluent (discharge), will be sampled by the 15th of each month. Collected samples will be shipped to a designated USEPA, contract laboratory program (CLP) lab for analysis of target compound list (TCL) volatile organic compounds.

NEIE personnel conducted the GWT system influent and effluent sampling for this report period. The samples were shipped to the USEPA Region II Division of Environmental Science and Assessment (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 GWT system 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 GWT system PLC on a daily basis; this information is included with the downloaded data in Appendix C.

3.2.2 Process Air Stream Monitoring

Air monitoring of the SVE and GWT System is performed on a bi-weekly basis. It includes monitoring for VOCs, carbon monoxide, oxygen, lower explosive limit (LEL), hydrogen sulfide, air velocity in cubic feet per minute (CFM), temperature, relative humidity, dew point, and vacuum pressure 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); and,
- SVE wells EPA-SVE-1 through EPA-SVE-4 (Shallow and Medium depth).

The bi-weekly air monitoring of the SVE and GWT System was performed. Copies of the bi-weekly air monitoring logs are included in Appendix F. A summary of estimated PCE recovery rate based on air monitoring results is presented in Table 3.

On October 3, 2005, following a review of the REAC SVE System Air Sampling Results for the event performed on July 7, 2005, the active SVE recovery wells were modified in an effort to maximize contaminant recovery rates. Details of the modifications to the active SVE wells prior to and post October 3, 2005 are included in the table below.

Table 1 Modification to Active SVE Wells

SVE Location	Prior to 10/3/05	After 10/3/05
SVE 1	Shallow On	Shallow and Intermediate On
SVE 2	Shallow On	Shallow On
SVE 3	Shallow On	Shallow On
SVE 4	Off	Off
EPA-SVE-4R	On	On
SSA	On	On
SSB-A	On	On
SSB-B	On	Off

SSB-C	On	On
L1	On	On
L2	On	Off

In addition to modifying the active SVE locations, the names of each location were altered in an effort to stay consistent with the USEPA Response Engineering and Analytical Contractor's (REAC) nomenclature. Future weekly monitoring logs will be consistent REACs sample numbers.

Additional evaluation/enhancement of the SVE recovery rates is ongoing and the installation of several SVE sample port locations was performed on November 1 and 2, 2005. On January 9, 2006, two more SVE sample port locations were installed in the line of SVE 3.

4.0 MONITORING WELL SAMPLING

Initially, groundwater sampling from select monitoring wells, both on and off-site, were 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 standard operating procedure (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.

Monitoring well sampling is now performed on a semi-annual basis. The first semi-annual event of 2008 was performed by NEIE personnel April 28-30, 2008. A total of 15 groundwater monitoring wells were sampled for TCL volatiles and Natural Attenuation parameters (MNAs). A copy of the full sampling trip report is available under separate cover.

Table 2 Monitored Well Samples for Further Analysis

VOC & Natural Attenuation Parameter Wells
EPA-MW-11
EPA-MW-21
EPA-MW-22
EPA-MW-23
EPA-MW-26
ST-MW-12
ST-MW-15
ST-MW-16
ST-MW-19

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 (Water Authority of Great Neck North) 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 during the scheduled O&M visit. The location and number of monitoring wells was determined by the USEPA based on the site Capture Zone Analysis Plan. Groundwater level measurements 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 laboratory for analysis (as of May 2006 indoor air sampling is performed on a semi-annual basis). The location and number of indoor air quality samples to be collected as well as analytical parameters are determined by the USEPA, USACE and ECC.

Indoor air quality samples were collected by NEIE personnel April 30- May 1, 2008. This sampling event was conducted to address air quality issues within the Long Island Hebrew Academy, the Silverstein Hebrew Academy, and the Stanton Cleaners Treatment Building. Copies of the Indoor Air Sampling Trip Report are included in Appendix I of this O&M Report.

7.0 FUTURE EVENTS PLANNED

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

- LIHA Air Filter Change out — To be performed July 2008
- SVE Oil and Grease — To be performed August 2008
- Semi-annual Monitoring Well Sampling — To be performed September 2008
- Indoor Air Quality Sampling (LIHA & SHA) — To be performed September 2008

8.0 PROBLEM AREAS AND RECOMMENDED SOLUTIONS (OUTSTANDING ISSUES)

Air monitoring data collected from different locations on the GWT system shows low VOC concentrations to no VOC present. It may be beneficial to operate the SVE system in a pulse extraction mode to see if there is any rebound on the VOC concentration at the site.

Estimated PCE Recovery Rates
Stanton Cleaners Area Groundwater Contamination Site
250 CFM SVE SYSTEM
September 2003 – October 2007
Estimated PCE Recovery Rates

Date	# of Days	Flow Rate		VOC			
		(cfm)	Avg (cfm)	Concentration (ppm)	Average (ppm)	Discharge Rate (lbs/day)	Total Discharge (lbs)
9/21/2006	24	280	267.5	12	10.00	1.7	39.6
9/28/2006	7	252	266	10.6	11.30	1.9	13.0
10/12/2006	14	260	256	6.3	8.45	1.3	18.7
10/26/2006	14	250	255	7.8	7.05	1.1	15.5
11/13/2006	18	265	257.5	7.5	7.65	1.2	21.9
11/28/2006	15	265	265	4	5.75	0.9	14.1
12/13/2006	15	98	181.5	0	2.00	0.2	3.4
12/28/2006	15	83	90.5	2.7	1.35	0.1	1.1
1/10/2007	13	55.5	69.25	0	1.35	0.1	0.8
1/23/2007	13	23	39.25	MultiRAE not operational			
2/20/2007	25	52	37.5	0	0	0.0	0.0
3/7/2007	15	61	56.5	0	0	0.0	0.0
3/17/2007	System down						
3/21/2007	10	61	61	0	0	0.0	0.0
4/3/2007	13	56	58.5	0	0	0.0	0.0
5/3/2007	8	139	97.5	0	0	0.0	0.0
5/15/2007	9	52.8	95.9	0	0	0.0	0.0
5/29/2007	15	54	53.4	0	0	0.0	0.0
6/13/2007	15	83	68.5	0	0	0.0	0.0
6/26/2007	13	270	176.5	0	0	0.0	0.0
						Total	**738.7**

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.

$$M_{air} = Q_{air} \times C_{air} \times \frac{0.0283\ m^3}{ft.^3} \times \frac{1440\ min.}{day} \times \frac{2.2\ lbs.}{1000000\ mg}$$

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

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

Appendices

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:

Contractor: NEIE
Address: 801 Broad Street, Portsmouth, VA 23707
Phone No.: 757-967-9802

Date: April 3, 2008

Day	S	M	T	W	T	F	S
Weather					**SUNNY**		
Temp.					**54**		
Wind					**SLIGHT**		
Humidity					**13%**		

NEIE Personnel On-Site: **Carol DiGuardia, Tom Williams**

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

Contract Materials and Equipment on site: **Multirae PID, VelociCalc, Horiba, general hand tools**

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

Bi weekly air monitoring
Weekly O and M inspection
System sampling

Quality Control Activities (including field calibrations): **Calibrate Horiba, Multirae PID**

Field duplicate of sample Effluent, sample Effluent-A.

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**

Has a phase hazard analysis been performed? **Included in the Site Specific Health & Safety Plan**

DAILY QUALITY CONTROL REPORT	
Site Name and Location: Stanton Cleaners Site (LTRA) – Great Neck, NY	
Client: ECC	Contract No:
Contractor: NEIE Address: 801 Broad Street, Portsmouth, VA 23707 Phone No.: 757-967-9802	
Date: April 3, 2008	
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:	
Tomorrow's Expectations: N/A	
By: Carol DiGuardia Title: Senior 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:

Contractor: NEIE
Address: 801 Broad Street, Portsmouth, VA 23707
Phone No.: 757-967-9802

Date: April 28, 2008

Day	S	M	T	W	T	F	S
Weather		**RAIN**					
Temp.		**65**					
Wind		**SLIGHT**					
Humidity		**100%**					

NEIE Personnel On-Site: **Carol DiGuardia, Tom Williams, Frank Mahalski, Bill Chace**

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

Contract Materials and Equipment on site: **Multirae PID, VelociCalc, Horiba, general hand tools. Water sampling equipment (Solinst water level meter, Grundfos pumps, generators, vials, gloves, etc. Indoor air sampling equipment (Summa canisters)**

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

Bi weekly air monitoring
Bi-weekly O and M inspection
System sampling
Semi-annual monitoring well sampling
Indoor air sampling

Quality Control Activities (including field calibrations): **Calibrate Horiba, Multirae PID**

Extra volume for MS/MSD at two locations EPA-MW-11D and ST-MW-14. Field duplicates at EPA-MW-27 and EPA-MW-21. Trip blank, field blanks and equipment blanks collected (MW sampling). Duplicate Summa canisters placed at LIHA Floor 1 and SHA Floor 1 (Indoor air).

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:
Contractor: NEIE Address: 801 Broad Street, Portsmouth, VA 23707 Phone No.: 757-967-9802	
Date: April 28, 2008	
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:	
Tomorrow's Expectations: **Continue monitoring well sampling, perform indoor air sampling, system sampling, bi-weekly air monitoring.**	
By: Carol DiGuardia Title: Senior 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:

Contractor: NEIE
Address: 801 Broad Street, Portsmouth, VA 23707
Phone No.: 757-967-9802

Date: May 1, 2008

Day	S	M	T	W	T	F	S
Weather					**SUNNY**		
Temp.					**70**		
Wind					**SLIGHT**		
Humidity					**30%**		

NEIE Personnel On-Site: **Carol DiGuardia, Tom Williams, Frank Mahalski, Bill Chace**

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

Contract Materials and Equipment on site: **Fork lift, general hand tools**

Work Performed (include sampling; list by NAS number if applicable): **Replace aqueous phase GAC vessel**

Quality Control Activities (including field calibrations): **N/A**

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**

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.**

DAILY QUALITY CONTROL REPORT	
Site Name and Location: Stanton Cleaners Site (LTRA) – Great Neck, NY	
Client: ECC	Contract No:
Contractor: NEIE Address: 801 Broad Street, Portsmouth, VA 23707 Phone No.: 757-967-9802	
Date: May 1, 2008	
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:	
Tomorrow's Expectations: N/A	
By: Carol DiGuardia Title: Senior 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:

Contractor: NEIE
Address: 801 Broad Street, Portsmouth, VA 23707
Phone No.: 757-967-9802

Date: June 2, 2008

Day	S	M	T	W	T	F	S
Weather		**SUNNY**					
Temp.		**76**					
Wind		**SLIGHT**					
Humidity		**60%**					

NEIE Personnel On-Site: **Carol DiGuardia, Tom Williams, Frank Mahalski**

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

Contract Materials and Equipment on site: **Multi-RAE PID, Veloci-calc, Horiba, carbon honeycomb filters (3 sizes), general hand tools.**

Work Performed (include sampling; list by NAS number if applicable): **Bi-weekly air monitoring, bi-weekly O & M checklist, system sampling, drain SVE lines, change air filters on roof of LIHA.**

Quality Control Activities (including field calibrations): **Calibrate Multi-RAE PID, Calibrate Horiba, Field duplicate of sample Effluent, Effluent-A, Trip blank.**

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**

Has a phase hazard analysis been performed? **Included in the Site Specific Health & Safety Plan**

DAILY QUALITY CONTROL REPORT	
Site Name and Location: Stanton Cleaners Site (LTRA) – Great Neck, NY	
Client: ECC	Contract No:
Contractor: NEIE Address: 801 Broad Street, Portsmouth, VA 23707 Phone No.: 757-967-9802	
Date: June 2, 2008	
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:	
Tomorrow's Expectations: N/A	
By: Carol DiGuardia Title: Senior 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:			
Contractor: NEIE Address: 801 Broad Street, Portsmouth, VA 23707 Phone No.: 757-967-9802							
Date: June 16, 2008							
Day	S	**M**	**T**	**W**	**T**	**F**	**S**
Weather		**SUNNY**					
Temp.		**74**					
Wind		**SLIGHT**					
Humidity		**81%**					
NEIE Personnel On-Site: **Carol DiGuardia, Tom Williams, Frank Mahalski**							
Subcontractor (include names & responsibilities): **N/A**							
Contract Materials and Equipment on site: **Multi-RAE PID, Veloci-calc, Solinst water level meter, general hand tools.**							
Work Performed (include sampling; list by NAS number if applicable): **Bi-weekly air monitoring, water levels, bi-weekly O & M checklist, drain SVE lines, install drain in line on side of dry cleaner.**							
Quality Control Activities (including field calibrations): **Calibrate Multi-RAE 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**							
Has a phase hazard analysis been performed? **Included in the Site Specific Health & Safety Plan**							

DAILY QUALITY CONTROL REPORT	
Site Name and Location: Stanton Cleaners Site (LTRA) – Great Neck, NY	
Client: ECC	Contract No:
Contractor: NEIE Address: 801 Broad Street, Portsmouth, VA 23707 Phone No.: 757-967-9802	
Date: June 16, 2008	
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:	
Tomorrow's Expectations: N/A	
By: Carol DiGuardia Title: Senior 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:			
Contractor: NEIE Address: 801 Broad Street, Portsmouth, VA 23707 Phone No.: 757-967-9802							
Date: June 19, 2008							
Day	S	**M**	**T**	**W**	**T**	**F**	**S**
Weather					**SUNNY**		
Temp.					**80**		
Wind					**SLIGHT**		
Humidity					**80%**		
NEIE Personnel On-Site: **Tom Williams**							
Subcontractor (include names & responsibilities): **N/A**							
Contract Materials and Equipment on site: **General hand tools**							
Work Performed (include sampling; list by NAS number if applicable): **Service and drain SVE lines**							
Quality Control Activities (including field calibrations): N/A							
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**							
Has a phase hazard analysis been performed? **Included in the Site Specific Health & Safety Plan**							

DAILY QUALITY CONTROL REPORT	
Site Name and Location: Stanton Cleaners Site (LTRA) – Great Neck, NY	
Client: ECC	Contract No:
Contractor: NEIE Address: 801 Broad Street, Portsmouth, VA 23707 Phone No.: 757-967-9802	
Date: June 19, 2008	
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:	
Tomorrow's Expectations: N/A	
By: Carol DiGuardia Title: Senior 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:

Contractor: NEIE
Address: 801 Broad Street, Portsmouth, VA 23707
Phone No.: 757-967-9802

Date: June 29, 2008

Day	S	M	T	W	T	F	S
Weather	**SUNNY**						
Temp.	**88**						
Wind	**SLIGHT**						
Humidity	**80%**						

NEIE Personnel On-Site: **Tom Williams**

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

Contract Materials and Equipment on site: **General hand tools**

Work Performed (include sampling; list by NAS number if applicable): **Service and drain SVE lines.**

Quality Control Activities (including field calibrations): N/A

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**

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.**

DAILY QUALITY CONTROL REPORT	
Site Name and Location: Stanton Cleaners Site (LTRA) – Great Neck, NY	
Client: ECC	Contract No:
Contractor: NEIE Address: 801 Broad Street, Portsmouth, VA 23707 Phone No.: 757-967-9802	
Date: June 29, 2008	
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:	
Tomorrow's Expectations: N/A	
By: Carol DiGuardia Title: Senior 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

5/15/08

STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE OPERATION AND MAINTENANCE WEEKLY CHECKLIST

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

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

C. Are all three (3) floor sump level switches in place? X YES NO

D. Is there any evidence of water in any of these floor sumps? YES X 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] _____55_____ GPM
2. Recovery Well EPA-EXT-02 valve open _____100_____ %
3. Recovery Well EPA-EXT-4R flow _____ GPM
4. Recovery Well EPA-EXT-4R valve open _____ %
5. Recovery Well pH ____5.8____ pH
6. Recovery Well conductivity _____15 _____ cond
7. Air Stripper pH _____6.4 _____ pH
8. Air Stripper temperature _____155_____ deg.
9. Air Stripper air flow _____3190_____ CFM
10. Pre-vapor carbon pressure _____N/a_____ "wc
11. Post carbon air flow _____1435_____ CFM
12. Discharge conductivity _____ cond
13. Discharge pH _____7.6_____ pH
14. Discharge flow _____61_____ GPM
15. Discharge total gallons _____175274425_____ Gal
16. SVE inlet vacuum _____Not reading_____ "Hg
17. SVE air flow _____47.8_____ CFM

[1] *Wells EPA-EXT-02 and MW-24 wells are manifold 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 _____ Gal
2. Recovery Well EPA-EXT-03 total flow _____ Gal
3. Recovery Well pH _____5.9_____ pH
4. Recovery Well conductivity _____0.16_____ cond
5. Air Stripper pH _____6.47_____ pH
6. Air Stripper temperature _____N/A_ ____ deg. C
7. Air Stripper Pump water flow _____N/A_____ GPM
8. Air Stripper Pump pressure _____30_____ PSI
9. Discharge conductivity ___0.85 ___ cond
10. Discharge pH _____7.68_ ___ pH
11. SVE inlet vacuum (digital readout) _____0.4_____ "Hg
12. SVE inlet vacuum _____ "Hg
13. SVE post knockout vacuum _____3.0_____ "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

STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE OPERATION AND MAINTENANCE WEEKLY CHECKLIST

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

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

C. Are all three (3) floor sump level switches in place? X YES NO

D. Is there any evidence of water in any of these floor sumps? YES X 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] _____55_____ GPM
2. Recovery Well EPA-EXT-02 valve open _____100_____ %
3. Recovery Well EPA-EXT-4R flow _____ GPM
4. Recovery Well EPA-EXT-4R valve open _____ %
5. Recovery Well pH ____5.8____ pH
6. Recovery Well conductivity _____73_____ cond
7. Air Stripper pH _____6.4 _____ pH
8. Air Stripper temperature _____155_____ deg.
9. Air Stripper air flow _____98_____ CFM
10. Pre-vapor carbon pressure _____0_____ "wc
11. Post carbon air flow _____9420_____ CFM
12. Discharge conductivity _____95_____ cond
13. Discharge pH _____7.3___ pH
14. Discharge flow _____61_____ GPM
15. Discharge total gallons _____176090968_____ Gal
16. SVE inlet vacuum _____0_____ "Hg
17. SVE air flow _____500_____ CFM

[1] *Wells EPA-EXT-02 and MW-24 wells are manifold 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 ____3,009,700_____ Gal
2. Recovery Well EPA-EXT-03 total flow _____N/A ___ Gal
3. Recovery Well pH _____5.35_____ pH
4. Recovery Well conductivity _____0.714_____ cond
5. Air Stripper pH _____6.43_____ pH
6. Air Stripper temperature _____15.5__ ____ deg. C
7. Air Stripper Pump water flow _____N/A_____ GPM
8. Air Stripper Pump pressure _____30_____ PSI
9. Discharge conductivity ____0.649 ___ cond
10. Discharge pH _____6.07__ pH
11. SVE inlet vacuum (digital readout) _____0.4_____ "Hg
12. SVE inlet vacuum _____N/A_____ "Hg
13. SVE post knockout vacuum _____N/A_____ "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

6-16-08

STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE OPERATION AND MAINTENANCE WEEKLY CHECKLIST

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

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

C. Are all three (3) floor sump level switches in place? X YES NO

D. Is there any evidence of water in any of these floor sumps? YES X 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] _____56_____ GPM
2. Recovery Well EPA-EXT-02 valve open ____100_____ %
3. Recovery Well EPA-EXT-4R flow _____N/A_____ GPM
4. Recovery Well EPA-EXT-4R valve open ___N/A_____ %
5. Recovery Well pH _____5.8___ pH
6. Recovery Well conductivity _____18 _____ cond
7. Air Stripper pH _____6.3 _____ pH
8. Air Stripper temperature _____156_____ deg.
9. Air Stripper air flow ____156_____ CFM
10. Pre-vapor carbon pressure ____0_____ "wc
11. Post carbon air flow ____9420_____ CFM
12. Discharge conductivity _____96_____ cond
13. Discharge pH _____7.3_____ pH
14. Discharge flow ____60_____ GPM
15. Discharge total gallons _177129696_____ Gal
16. SVE inlet vacuum ____0____ "Hg
17. SVE air flow _____500_____ CFM

[1] *Wells EPA-EXT-02 and MW-24 wells are manifold 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 ___1937300_____ Gal
2. Recovery Well EPA-EXT-03 total flow ___N/A_____ Gal
3. Recovery Well pH ____5.87_____ pH
4. Recovery Well conductivity _____0.21_____ cond
5. Air Stripper pH _____6.37_____ pH
6. Air Stripper temperature _____15.56_____ deg. C
7. Air Stripper Pump water flow _____N/A_____ GPM
8. Air Stripper Pump pressure _____30_____ PSI
9. Discharge conductivity __0.85___ cond
10. Discharge pH _____7.30_____ pH
11. SVE inlet vacuum (digital readout) _____0.4_____ "Hg
12. SVE inlet vacuum _____N/A_____ "Hg
13. SVE post knockout vacuum ___N/A_____ "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

Appendix C

Groundwater Treatment System Downloaded Operational Data

Stanton Cleaners Groundwater Contamination Site - April 2008 - Site Operation Data

	Recovery Well 1 Flow (GPM)	Recovery Well 2 Flow (GPM)	Recovery Well 3 Flow (GPM)	Discharge Flow (GPM)	Discharge Flow (CFM)	Influent water Temperature (deg F)	Influent conductivity	Effluent conductivity	Influent water pH	Air Stripper water pH	Discharge water pH	Total gallons discharged	Air Stripper Air Flow	Combined Discharge Air Flow	SVE Air Flow
4/1/2008 0:00	0	0	58	58	7779	154	14	50	5.9	6.4	7.5	171990959.7	100	7779	500
4/1/2008 4:00	0	0	55	57	6882	154	15	50	5.9	6.4	7.5	172003747.6	156	6882	500
4/1/2008 8:00	0	0	59	7	7255	154	14	50	5.9	6.4	7.5	172016482.8	194	7255	500
4/1/2008 12:00	0	0	56	0	6880	154	13	50	5.9	6.4	7.5	172029117.4	93	6880	500
4/1/2008 16:00	0	0	55	0	7119	154	12	50	5.9	6.4	7.5	172041990.2	108	7119	500
4/1/2008 20:00	0	0	57	0	6330	154	14	50	5.9	6.4	7.5	172054635.6	155	6330	500
4/2/2008 0:00	0	0	55	59	6659	154	15	50	5.9	6.4	7.5	172067327.2	133	6659	500
4/2/2008 4:00	0	0	55	60	7041	152	13	49	5.8	6.4	7.5	172080102.3	87	7041	500
4/2/2008 8:00	0	0	57	58	6788	152	13	48	5.8	6.4	7.4	172092870.5	161	6788	500
4/2/2008 12:00	0	0	56	60	6788	152	13	49	5.8	6.4	7.4	172105656.7	93	6788	500
4/2/2008 16:00	0	0	56	59	6880	152	13	49	5.8	6.4	7.5	172118389.4	123	6880	500
4/2/2008 20:00	0	0	57	58	8009	152	13	49	5.8	6.4	7.5	172131123.3	88	8009	500
4/3/2008 0:00	0	0	56	58	7791	151	13	48	5.8	6.4	7.5	172143858.4	104	7791	500
4/3/2008 4:00	0	0	58	59	7807	151	12	48	5.8	6.4	7.5	172156640	149	7807	500
4/3/2008 8:00	0	0	56	0	8359	151	10	48	5.8	6.4	7.5	172169413	120	8359	976
4/3/2008 12:00	0	0	57	61	7059	152	12	49	5.8	6.4	7.5	172182042.1	163	7059	500
4/3/2008 16:00	0	0	57	59	6673	152	12	49	5.8	6.4	7.5	172194819.7	174	6673	500
4/3/2008 20:00	0	0	55	60	7487	152	14	48	5.8	6.4	7.5	172207597.9	188	7487	500
4/4/2008 0:00	0	0	56	61	7489	153	13	49	5.8	6.4	7.5	172220447.9	134	7489	500
4/4/2008 4:00	0	0	58	60	7052	153	14	49	5.8	6.4	7.5	172233257.3	149	7052	500
4/4/2008 8:00	0	0	57	59	6675	153	14	50	5.8	6.4	7.5	172246097.9	151	6675	500
4/4/2008 12:00	0	0	55	59	7269	153	14	49	5.8	6.4	7.5	172258906.9	88	7269	500
4/4/2008 16:00	0	0	57	60	7471	154	14	50	5.8	6.4	7.5	172271719	99	7471	500
4/4/2008 20:00	0	0	56	59	7253	154	17	50	5.8	6.4	7.5	172284481.2	119	7253	500
4/5/2008 0:00	0	0	55	62	7637	153	15	50	5.8	6.4	7.5	172297221.5	191	7637	976
4/5/2008 4:00	0	0	57	58	7483	153	14	49	5.8	6.4	7.4	172309980.4	127	7483	976
4/5/2008 8:00	0	0	57	61	7637	154	15	50	5.8	6.4	7.4	172322771.5	150	7637	976
4/5/2008 12:00	0	0	55	59	7386	153	15	50	5.8	6.4	7.4	172335424	141	7386	500
4/5/2008 16:00	0	0	58	59	7043	153	14	50	5.9	6.4	7.5	172348160.1	164	7043	500
4/5/2008 20:00	0	0	56	59	7784	153	17	50	5.9	6.4	7.5	172360880.9	217	7784	500
4/6/2008 0:00	0	0	56	61	6618	153	14	49	5.8	6.4	7.5	172373577	123	6618	500
4/6/2008 4:00	0	0	56	60	7791	153	17	49	5.8	6.4	7.5	172386327.9	148	7791	500
4/6/2008 8:00	0	0	56	58	7634	153	14	50	5.8	6.4	7.4	172399095.1	139	7634	500
4/6/2008 12:00	0	0	57	60	7483	152	13	49	5.8	6.4	7.4	172411856.9	102	7483	500
4/6/2008 16:00	0	0	56	60	6797	153	14	49	5.8	6.4	7.4	172424623.6	196	6797	500
4/6/2008 20:00	0	0	55	59	7266	153	17	49	5.8	6.4	7.4	172437400	84	7266	500
4/7/2008 0:00	0	0	55	62	8177	152	14	48	5.8	6.4	7.4	172450198.7	189	8177	500
4/7/2008 4:00	0	0	56	59	7798	152	16	48	5.8	6.4	7.4	172462976.4	160	7798	500
4/7/2008 8:00	0	0	55	60	7632	152	14	48	5.8	6.4	7.4	172475749	117	7632	500
4/7/2008 12:00	0	0	56	61	8177	152	13	49	5.8	6.4	7.4	172488523	100	8177	500
4/7/2008 16:00	0	0	56	58	8177	153	13	49	5.8	6.4	7.5	172501318.1	164	8177	500
4/7/2008 20:00	0	0	56	59	8021	152	16	50	5.8	6.4	7.5	172514142.6	61	8021	500
4/8/2008 0:00	0	0	56	62	8727	152	13	49	5.8	6.4	7.5	172526926.4	133	8727	500
4/8/2008 4:00	0	0	58	60	7936	152	14	48	5.8	6.4	7.5	172539698.9	176	7936	500
4/8/2008 8:00	0	0	55	58	8173	152	14	49	5.8	6.4	7.4	172552486.6	145	8173	500
4/8/2008 12:00	0	0	56	58	7970	153	13	50	5.8	6.4	7.5	172565245.8	141	7970	500
4/8/2008 16:00	0	0	59	61	8019	153	13	50	5.8	6.4	7.5	172578008.8	125	8019	500
4/8/2008 20:00	0	0	56	60	7386	153	15	49	5.8	6.4	7.5	172590770.9	127	7386	500
4/9/2008 0:00	0	0	57	59	7931	153	17	49	5.8	6.4	7.5	172603527.6	100	7931	500
4/9/2008 4:00	0	0	58	62	7929	152	13	49	5.8	6.4	7.5	172616298.3	169	7929	500
4/9/2008 8:00	0	0	57	59	8897	152	13	48	5.8	6.4	7.4	172629091	112	8897	500
4/9/2008 12:00	0	0	58	57	7929	153	13	50	5.8	6.4	7.5	172641856.5	135	7929	500
4/9/2008 16:00	0	0	56	62	7628	154	14	50	5.8	6.4	7.5	172654620.3	159	7628	361
4/9/2008 20:00	0	0	56	57	7793	154	13	50	5.8	6.4	7.5	172667359.7	129	7793	500
4/10/2008 0:00	0	0	55	60	7483	153	13	50	5.8	6.4	7.5	172680088.9	161	7483	500
4/10/2008 4:00	0	0	58	58	7938	153	14	50	5.8	6.4	7.4	172692306.4	77	7938	500
4/10/2008 8:00	0	0	58	59	8331	154	12	50	5.8	6.4	7.4	172705040.2	136	8331	500
4/10/2008 12:00	0	0	55	62	6979	154	14	50	5.8	6.4	7.4	172717799.2	70	6979	500
4/10/2008 16:00	0	0	57	62	7476	154	15	50	5.9	6.4	7.5	172730581	154	7476	282
4/10/2008 20:00	0	0	57	60	7625	154	75	50	5.9	6.4	7.4	172743325.4	155	7625	500
4/11/2008 0:00	0	0	56	62	7924	153	74	51	5.9	6.4	7.4	172756089.9	143	7924	500
4/11/2008 4:00	0	0	57	61	8499	153	74	49	5.9	6.4	7.4	172768856.8	139	8499	500
4/11/2008 8:00	0	0	56	61	7924	153	13	50	5.8	6.4	7.4	172781598.2	246	7924	500
4/11/2008 12:00	0	0	58	58	7637	154	13	50	5.9	6.4	7.4	172794369	130	7637	500
4/11/2008 16:00	0	0	55	59	9033	153	14	50	5.8	6.4	7.4	172807144.1	150	9033	500
4/11/2008 20:00	0	0	57	58	8435	154	13	50	5.8	6.4	7.4	172819944.7	158	8435	500
4/12/2008 0:00	0	0	55	60	8440	153	13	50	5.8	6.4	7.4	172832769.2	66	8440	500
4/12/2008 4:00	0	0	56	0	7411	154	15	51	5.8	6.4	7.4	172845668.9	180	7411	500
4/12/2008 8:00	0	0	55	60	7641	154	14	50	5.8	6.4	7.4	172858645.8	184	7641	500
4/12/2008 12:00	0	0	56	58	6802	155	17	51	5.9	6.4	7.4	172871496.4	153	6802	500
4/12/2008 16:00	0	0	56	62	7480	155	62	51	5.9	6.4	7.4	172884262.3	166	7480	500
4/12/2008 20:00	0	0	55	61	7917	155	65	51	5.9	6.4	7.4	172897037.4	85	7917	500
4/13/2008 0:00	0	0	55	59	8463	153	66	50	5.9	6.4	7.4	172909830.7	78	8463	500
4/13/2008 4:00	0	0	56	58	8596	153	74	50	5.8	6.4	7.4	172922608	171	8596	500
4/13/2008 8:00	0	0	59	63	7800	153	16	50	5.8	6.4	7.4	172935360.2	163	7800	500
4/13/2008 12:00	0	0	56	60	8023	153	17	50	5.8	6.4	7.4	172948138.2	206	8023	500
4/13/2008 16:00	0	0	57	61	8025	153	17	50	5.8	6.4	7.4	172960909.5	100	8025	500
4/13/2008 20:00	0	0	57	63	7400	153	17	50	5.8	6.4	7.4	172973686.4	146	7400	976
4/14/2008 0:00	0	0	57	62	8481	152	15	49	5.8	6.4	7.4	172986485.3	150	8481	500
4/14/2008 4:00	0	0	57	58	8453	152	17	49	5.8	6.4	7.4	172999277.7	153	8453	500
4/14/2008 8:00	0	0	55	58	8456	152	14	49	5.8	6.4	7.4	173012050.3	97	8456	500
4/14/2008 12:00	0	0	56	0	8916	152	13	49	5.8	6.4	7.4	173024963.5	200	8916	500
4/14/2008 16:00	0	0	57	58	8336	153	13	49	5.8	6.4	7.4	173037945.1	166	8336	500
4/14/2008 20:00	0	0	56	58	8442	153	13	49	5.8	6.4	7.4	173050739.1	217	8442	500
4/15/2008 0:00	0	0	58	60	8446	152	15	49	5.8	6.4	7.4	173063489.2	143	8446	500
4/15/2008 4:00	0	0	57	63	9054	152	15	49	5.8	6.4	7.4	173076301.2	114	9054	500
4/15/2008 8:00	0	0	59	62	7952	152	14	49	5.8	6.4	7.4	173089122	132	7952	500
4/15/2008 12:00	0	0	59	61	7818	152	14	49	5.8	6.4	7.4	173101925.3	153	7818	500
4/15/2008 16:00	0	0	57	60	8449	152	14	49	5.8	6.4	7.4	173114750.3	139	8449	500

4/15/2008 20:00	0	0	57	11	8435	153	14	50	5.8	6.4	7.4	173127530.8	178	8435	500
4/16/2008 0:00	0	0	59	8	9420	153	14	49	5.8	6.4	7.4	173140276.6	67	9420	500
4/16/2008 4:00	0	0	54	8	8607	152	15	49	5.8	6.4	7.4	173153103.6	184	8607	500
4/16/2008 8:00	0	0	59	8	8934	153	13	49	5.8	6.4	7.4	173165872.2	97	8934	500
4/16/2008 12:00	0	0	55	0	9061	153	13	50	5.8	6.4	7.4	173178570	176	9061	500
4/16/2008 16:00	0	0	58	0	9420	153	14	50	5.9	6.4	7.4	173191380.2	168	9420	500
4/16/2008 20:00	0	0	57	0	8327	153	14	49	5.9	6.4	7.4	173204095.6	194	8327	500
4/17/2008 0:00	0	0	59	0	9346	153	16	50	5.8	6.4	7.4	173216911.4	166	9346	500
4/17/2008 4:00	0	0	56	58	8936	152	17	49	5.8	6.4	7.4	173229833.6	105	8936	500
4/17/2008 8:00	0	0	57	61	9217	153	13	49	5.8	6.4	7.4	173242632.3	168	9217	500
4/17/2008 12:00	0	0	58	57	8603	153	13	50	5.8	6.4	7.4	173255457.7	133	8603	500
4/17/2008 16:00	0	0	55	59	8725	154	13	50	5.9	6.4	7.4	173268236.3	125	8725	500
4/17/2008 20:00	0	0	57	59	8879	154	74	50	5.9	6.4	7.4	173280979.8	160	8879	500
4/18/2008 0:00	0	0	57	62	8881	153	15	49	5.8	6.4	7.4	173293695.3	79	8881	500
4/18/2008 4:00	0	0	57	63	9028	153	17	50	5.8	6.4	7.4	173306468.4	97	9028	500
4/18/2008 8:00	0	0	56	59	8472	153	12	50	5.8	6.4	7.4	173319288.3	138	8472	500
4/18/2008 12:00	0	0	55	60	9420	154	15	50	5.9	6.4	7.4	173332114.7	138	9420	500
4/18/2008 16:00	0	0	58	59	8732	155	15	51	5.9	6.4	7.4	173344856.6	150	8732	500
4/18/2008 20:00	0	0	56	58	9026	154	16	50	5.9	6.4	7.4	173357596.2	155	9026	500
4/19/2008 0:00	0	0	56	59	8428	154	17	50	5.9	6.4	7.4	173370355.6	180	8428	500
4/19/2008 4:00	0	0	54	59	7924	153	16	50	5.8	6.4	7.4	173383131.6	127	7924	500
4/19/2008 8:00	0	0	59	60	8890	153	14	50	5.8	6.4	7.4	173396140.8	79	8890	500
4/19/2008 12:00	0	0	56	58	9180	155	15	50	5.9	6.4	7.4	173408890.2	160	9180	500
4/19/2008 16:00	0	0	55	59	8440	155	15	51	5.9	6.4	7.4	173421600.5	153	8440	500
4/19/2008 20:00	0	0	56	57	9420	154	15	50	5.9	6.4	7.4	173434310	115	9420	500
4/20/2008 0:00	0	0	57	60	9420	153	18	50	5.8	6.4	7.4	173447054.2	80	9420	500
4/20/2008 4:00	0	0	56	58	9022	154	15	50	5.8	6.4	7.4	173459846.8	99	9022	500
4/20/2008 8:00	0	0	56	60	8587	154	15	50	5.8	6.4	7.4	173472644.7	133	8587	500
4/20/2008 12:00	0	0	54	59	8329	154	14	50	5.8	6.4	7.4	173485423.6	89	8329	500
4/20/2008 16:00	0	0	57	59	9028	154	14	50	5.8	6.4	7.4	173498218.3	49	9028	500
4/20/2008 20:00	0	0	56	59	7795	154	13	50	5.8	6.4	7.4	173510984.9	107	7795	500
4/21/2008 0:00	0	0	59	59	8739	153	14	50	5.8	6.4	7.4	173523753.9	150	8739	500
4/21/2008 4:00	0	0	57	58	9420	153	14	50	5.8	6.4	7.4	173536509.2	129	9420	500
4/21/2008 8:00	0	0	59	60	9420	153	12	50	5.8	6.4	7.4	173549284.2	155	9420	500
4/21/2008 12:00	0	0	55	61	9199	154	14	50	5.8	6.4	7.4	173562026.3	58	9199	500
4/21/2008 16:00	0	0	59	58	8589	154	14	50	5.8	6.4	7.4	173574817.7	161	8589	500
4/21/2008 20:00	0	0	55	58	8734	154	14	51	5.9	6.4	7.4	173587583.7	114	8734	500
4/22/2008 0:00	0	0	59	58	8437	154	15	50	5.8	6.4	7.4	173600365.1	194	8437	500
4/22/2008 4:00	0	0	57	58	9420	153	15	49	5.8	6.4	7.4	173613124.8	153	9420	500
4/22/2008 8:00	0	0	56	61	9047	154	13	50	5.8	6.4	7.4	173625926.7	169	9047	500
4/22/2008 12:00	0	0	56	59	8946	154	14	50	5.8	6.4	7.4	173638743.3	181	8946	500
4/22/2008 16:00	0	0	57	57	9033	155	14	51	5.9	6.4	7.4	173651489	100	9033	500
4/22/2008 20:00	0	0	58	58	9364	154	74	51	5.9	6.4	7.4	173664226.7	169	9364	500
4/23/2008 0:00	0	0	57	61	8582	154	74	50	5.9	6.4	7.4	173676973.9	160	8582	500
4/23/2008 4:00	0	0	56	59	9157	154	73	50	5.8	6.4	7.4	173689753.7	168	9157	500
4/23/2008 8:00	0	0	57	58	9420	154	13	51	5.8	6.4	7.4	173702521.7	90	9420	500
4/23/2008 12:00	0	0	55	57	8890	155	17	51	5.9	6.4	7.4	173715310.4	79	8890	500
4/23/2008 16:00	0	0	57	58	8582	155	74	51	5.9	6.4	7.4	173728078.6	124	8582	500
4/23/2008 20:00	0	0	59	59	7982	155	74	51	5.9	6.4	7.4	173740789.1	118	7982	500
4/24/2008 0:00	0	0	58	58	9026	154	74	50	5.9	6.4	7.4	173753473.5	149	9026	500
4/24/2008 4:00	0	0	57	60	8582	155	74	51	5.9	6.4	7.4	173766204.5	119	8582	500
4/24/2008 8:00	0	0	54	57	9332	154	74	50	5.9	6.4	7.4	173778966.3	143	9332	500
4/24/2008 12:00	0	0	57	60	9420	154	74	51	5.9	6.4	7.4	173791670.3	88	9420	500
4/24/2008 16:00	0	0	56	57	9327	154	74	50	5.9	6.4	7.4	173804384.1	154	9327	500
4/24/2008 20:00	0	0	55	8	9420	154	74	51	5.9	6.4	7.4	173817081.3	87	9420	500
4/25/2008 0:00	0	0	58	0	9420	153	74	50	5.9	6.4	7.4	173829716.5	135	9420	500
4/25/2008 4:00	0	0	56	0	9420	153	74	49	5.8	6.4	7.4	173842448.2	119	9420	500
4/25/2008 8:00	0	0	59	8	9339	153	14	50	5.8	6.4	7.4	173855274.3	207	9339	500
4/25/2008 12:00	0	0	56	0	9420	154	14	51	5.9	6.4	7.4	173867875.7	146	9420	500
4/25/2008 16:00	0	0	55	0	8428	154	14	51	5.9	6.4	7.4	173880490.4	120	8428	500
4/25/2008 20:00	0	0	55	0	9420	154	14	51	5.9	6.4	7.4	173893298	224	9420	500
4/26/2008 0:00	0	0	56	7	9323	154	16	50	5.8	6.4	7.4	173906083.5	72	9323	500
4/26/2008 4:00	0	0	56	62	9185	155	16	51	5.8	6.4	7.4	173918822.1	117	9185	500
4/26/2008 8:00	0	0	56	59	9420	154	14	50	5.8	6.4	7.4	173931535	82	9420	500
4/26/2008 12:00	0	0	58	58	9420	154	13	50	5.8	6.4	7.4	173944256.3	229	9420	500
4/26/2008 16:00	0	0	54	62	9420	153	16	49	5.8	6.4	7.4	173957003.9	215	9420	500
4/26/2008 20:00	0	0	55	60	9420	153	14	50	5.8	6.4	7.4	173969732.7	175	9420	500
4/27/2008 0:00	0	0	56	58	9210	153	15	49	5.8	6.4	7.4	173982444.8	171	9210	500
4/27/2008 4:00	0	0	57	59	9420	153	15	50	5.8	6.4	7.4	173995150.5	84	9420	500
4/27/2008 8:00	0	0	56	61	9346	153	14	50	5.8	6.4	7.4	174007894.8	77	9346	500
4/27/2008 12:00	0	0	56	58	9420	154	15	50	5.8	6.4	7.4	174020608.8	211	9420	500
4/27/2008 16:00	0	0	56	58	9420	154	15	50	5.8	6.4	7.4	174033315.8	124	9420	500
4/27/2008 20:00	0	0	58	58	9420	153	14	50	5.8	6.4	7.4	174046054.4	179	9420	500
4/28/2008 0:00	0	0	57	58	8904	153	15	50	5.8	6.4	7.4	174058789.9	124	8904	500
4/28/2008 4:00	0	0	59	59	9420	153	14	50	5.8	6.4	7.4	174071502.5	113	9420	500
4/28/2008 8:00	0	0	58	60	9208	153	14	50	5.8	6.4	7.4	174084279.6	132	9208	500
4/28/2008 12:00	0	0	58	59	9348	154	14	50	5.8	6.4	7.4	174097079.2	160	9348	500
4/28/2008 16:00	0	0	56	59	9337	155	14	50	5.8	6.4	7.4	174109783.4	74	9337	500
4/28/2008 20:00	0	0	57	58	9420	154	11	51	5.8	6.4	7.4	174122467	119	9420	500
4/29/2008 0:00	0	0	57	62	9420	154	17	50	5.8	6.4	7.4	174135161.5	163	9420	500
4/29/2008 4:00	0	0	55	59	9420	154	17	51	5.8	6.4	7.4	174147909.1	174	9420	394
4/29/2008 8:00	0	0	54	58	9341	153	14	50	5.8	6.4	7.4	174160652	118	9341	500
4/29/2008 12:00	0	0	56	60	9420	153	13	49	5.8	6.4	7.4	174173390.6	124	9420	500
4/29/2008 16:00	0	0	56	57	9420	153	13	49	5.8	6.4	7.4	174186116.1	90	9420	500
4/29/2008 20:00	0	0	56	59	9185	153	15	50	5.8	6.4	7.4	174198871	79	9185	500
4/30/2008 0:00	0	0	58	61	9420	153	17	50	5.8	6.4	7.4	174211582.6	127	9420	500
4/30/2008 4:00	0	0	55	63	9420	152	16	49	5.8	6.4	7.4	174224280.9	129	9420	500
4/30/2008 8:00	0	0	57	58	9420	152	13	49	5.8	6.4	7.4	174237074.5	216	9420	500
4/30/2008 12:00	0	0	57	0	9420	152	13	49	5.8	6.4	7.4	174249955.5	108	9420	500
4/30/2008 16:00	0	0	57	59	9420	152	13	49	5.8	6.4	7.4	174262868.7	120	9420	500
4/30/2008 20:00	0	0	0	0	379	153	8	51	6	6.6	7.4	174272467	41	379	500

Stanton Cleaners Groundwater Contamination Site - May 2008 - Site Operation Data

	Recovery Well 1 Flow (GPM)	Recovery Well 2 Flow (GPM)	Recovery Well 3 Flow (GPM)	Discharge Flow (GPM)	Discharge Flow (CFM)	Influent water Temperature (deg F)	Influent conductivity	Effluent conductivity	Influent water pH	Air Stripper water pH	Discharge water pH	Total gallons discharged	Air Stripper Air Flow	Combined Discharge Air Flow	SVE Air Flow
5/1/2008 0:00	0	0	0	0	386	152	14	53	7	6.6	7.4	174272467	44	386	500
5/1/2008 4:00	0	0	0	1	386	153	19	52	7	6.6	7.5	174272477.1	88	386	500
5/1/2008 8:00	0	0	1	2	460	153	21	50	7.1	6.6	7.5	174272731.7	100	460	500
5/1/2008 12:00	0	0	1	1	425	152	23	50	7.1	6.6	7.5	174273020.4	113	425	500
5/1/2008 16:00	0	0	0	0	404	153	24	51	7.2	6.6	7.5	174273165.5	66	404	500
5/1/2008 20:00	0	0	0	0	423	153	8	53	7.2	6.7	7.5	174273167.6	59	423	500
5/2/2008 0:00	0	0	0	0	388	152	7	53	7.1	6.7	7.5	174273176.2	61	388	500
5/2/2008 4:00	0	0	0	1	443	152	8	54	7.1	6.7	7.4	174273201.1	82	443	500
5/2/2008 8:00	0	0	1	1	414	153	8	54	6.9	6.7	7.4	174273417.2	102	414	500
5/2/2008 12:00	0	0	0	0	386	153	7	53	6.9	6.6	7.4	174273653.8	61	386	500
5/2/2008 16:00	0	0	56	60	9420	154	14	89	5.8	6.5	9.3	174282529.8	175	9420	500
5/2/2008 20:00	0	0	58	61	9420	154	15	90	5.8	6.5	9.2	174295438.8	135	9420	500
5/3/2008 0:00	0	0	55	62	9420	154	17	90	5.8	6.5	9.1	174308334.7	140	9420	500
5/3/2008 4:00	0	0	57	64	9420	154	18	89	5.8	6.5	9.1	174321217.8	195	9420	976
5/3/2008 8:00	0	0	57	0	9420	153	15	91	5.8	6.5	8.9	174334131.3	120	9420	500
5/3/2008 12:00	0	0	57	60	9420	153	15	91	5.8	6.4	8.8	174347255.2	92	9420	500
5/3/2008 16:00	0	0	57	61	9420	154	14	92	5.8	6.4	8.7	174360113.5	128	9420	500
5/3/2008 20:00	0	0	54	65	9420	153	14	93	5.8	6.5	8.6	174372966.9	123	9420	500
5/4/2008 0:00	0	0	57	60	9420	154	17	93	5.8	6.5	8.5	174385828.2	143	9420	500
5/4/2008 4:00	0	0	58	59	9420	154	18	94	5.8	6.4	8.4	174398695.6	122	9420	500
5/4/2008 8:00	0	0	55	0	9420	154	17	94	5.8	6.4	8.3	174411708.6	93	9420	500
5/4/2008 12:00	0	0	57	59	9420	154	17	95	5.8	6.4	8.2	174424682.6	87	9420	500
5/4/2008 16:00	0	0	55	62	9420	155	18	96	5.8	6.4	8.2	174437489.8	124	9420	500
5/4/2008 20:00	0	0	55	60	9346	154	17	97	5.9	6.4	8.1	174450295.6	154	9346	500
5/5/2008 0:00	0	0	55	61	9420	154	17	96	5.8	6.4	8	174463103.9	188	9420	500
5/5/2008 4:00	0	0	57	60	9420	153	20	95	5.8	6.5	8	174475947.2	122	9420	500
5/5/2008 8:00	0	0	58	63	9420	153	14	93	5.8	6.5	7.9	174488780.3	161	9420	500
5/5/2008 12:00	0	0	56	61	9420	153	15	94	5.8	6.4	7.9	174501714.8	120	9420	500
5/5/2008 16:00	0	0	57	11	9420	154	15	95	5.8	6.4	7.8	174514782.2	138	9420	500
5/5/2008 20:00	0	0	57	59	9420	153	15	95	5.8	6.5	7.8	174527585.2	29	9420	500
5/6/2008 0:00	0	0	57	62	9420	153	18	94	5.8	6.4	7.8	174540371.4	153	9420	500
5/6/2008 4:00	0	0	57	59	9420	154	18	95	5.8	6.4	7.7	174553227.4	150	9420	500
5/6/2008 8:00	0	0	58	59	9420	154	18	95	5.8	6.4	7.7	174566078.1	115	9420	500
5/6/2008 12:00	0	0	56	61	9420	154	16	96	5.8	6.4	7.7	174578947.1	83	9420	500
5/6/2008 16:00	0	0	57	0	9420	154	16	96	5.9	6.4	7.7	174591872.1	94	9420	500
5/6/2008 20:00	0	0	55	61	9420	154	16	96	5.9	6.4	7.6	174604827.2	104	9420	500
5/7/2008 0:00	0	0	57	63	9189	154	18	95	5.8	6.4	7.6	174617642.8	183	9189	500
5/7/2008 4:00	0	0	57	61	9420	154	18	95	5.8	6.4	7.6	174630463.8	94	9420	500
5/7/2008 8:00	0	0	58	61	9420	154	15	95	5.8	6.4	7.6	174643264.3	115	9420	500
5/7/2008 12:00	0	0	56	61	9420	154	16	96	5.8	6.4	7.6	174656115	112	9420	500
5/7/2008 16:00	0	0	56	59	9420	154	15	96	5.9	6.4	7.6	174668973.1	136	9420	500
5/7/2008 20:00	0	0	56	61	9420	154	14	96	5.9	6.4	7.6	174681799.6	93	9420	500
5/8/2008 0:00	0	0	58	61	9420	155	18	97	5.8	6.4	7.5	174694632.6	108	9420	500
5/8/2008 4:00	0	0	56	61	9420	155	19	96	5.8	6.4	7.5	174707484	89	9420	500
5/8/2008 8:00	0	0	56	0	9420	155	17	97	5.8	6.4	7.5	174720516.7	146	9420	500
5/8/2008 12:00	0	0	57	60	9420	156	17	97	5.8	6.4	7.5	174733437.7	194	9420	500
5/8/2008 16:00	0	0	56	59	9420	156	17	97	5.9	6.4	7.5	174746253.7	103	9420	500
5/8/2008 20:00	0	0	57	60	9420	155	17	97	5.9	6.4	7.5	174759035.9	87	9420	500
5/9/2008 0:00	0	0	59	61	9420	154	18	96	5.8	6.4	7.5	174771835.9	153	9420	500
5/9/2008 4:00	0	0	55	60	9420	154	21	96	5.8	6.4	7.5	174784635.4	134	9420	500
5/9/2008 8:00	0	0	56	59	9420	154	15	95	5.8	6.4	7.5	174797468.8	130	9420	500
5/9/2008 12:00	0	0	55	60	9420	154	15	95	5.8	6.4	7.5	174810330.3	84	9420	500
5/9/2008 16:00	0	0	55	59	9420	154	17	94	5.8	6.5	7.5	174823164.8	189	9420	500
5/9/2008 20:00	0	0	58	62	9420	154	14	94	5.8	6.4	7.5	174836010.4	153	9420	500
5/10/2008 0:00	0	0	55	0	9420	153	17	94	5.8	6.4	7.5	174848913.5	180	9420	500
5/10/2008 4:00	0	0	57	64	9420	153	19	94	5.8	6.4	7.5	174861954.5	122	9420	500
5/10/2008 8:00	0	0	58	60	9420	153	14	93	5.8	6.4	7.5	174874828.3	127	9420	500
5/10/2008 12:00	0	0	55	59	9420	154	14	95	5.8	6.4	7.5	174887695.7	232	9420	500
5/10/2008 16:00	0	0	56	61	9420	154	14	96	5.8	6.4	7.5	174900544.7	143	9420	500
5/10/2008 20:00	0	0	59	60	9420	154	15	96	5.8	6.4	7.5	174913393.7	178	9420	500
5/11/2008 0:00	0	0	58	60	9420	154	17	94	5.8	6.4	7.5	174926224.8	139	9420	500
5/11/2008 4:00	0	0	56	61	9420	153	19	95	5.8	6.4	7.5	174939067	98	9420	500
5/11/2008 8:00	0	0	56	62	9420	154	19	94	5.8	6.4	7.5	174951915.4	185	9420	500
5/11/2008 12:00	0	0	56	62	9420	154	17	94	5.8	6.4	7.5	174964786.8	129	9420	500
5/11/2008 16:00	0	0	55	60	9420	154	17	94	5.8	6.5	7.6	174977624.1	117	9420	500
5/11/2008 20:00	0	0	55	63	9420	153	17	94	5.8	6.5	7.6	174990438.1	87	9420	500
5/12/2008 0:00	0	0	58	0	9420	153	17	93	5.8	6.5	7.6	175003312	112	9420	500
5/12/2008 4:00	0	0	56	0	9420	153	16	93	5.8	6.5	7.6	175016355.7	79	9420	500
5/12/2008 8:00	0	0	56	60	9420	153	14	93	5.8	6.5	7.6	175029316.1	160	9420	500
5/12/2008 12:00	0	0	58	12	9420	153	15	93	5.8	6.5	7.6	175042253.9	199	9420	500
5/12/2008 16:00	0	0	56	61	9420	153	16	92	5.8	6.4	7.6	175055033.9	104	9420	500
5/12/2008 20:00	0	0	56	64	9420	153	14	93	5.8	6.4	7.6	175067805.5	165	9420	500
5/13/2008 0:00	0	0	58	64	9420	153	18	93	5.8	6.4	7.7	175080583.6	110	9420	500
5/13/2008 4:00	0	0	57	61	9420	153	19	93	5.8	6.4	7.7	175093508.9	161	9420	500
5/13/2008 8:00	0	0	57	63	9420	153	15	92	5.8	6.4	7.7	175106557.3	217	9420	500
5/13/2008 12:00	0	0	56	64	9420	153	17	93	5.8	6.4	7.7	175119541.3	138	9420	500
5/13/2008 16:00	0	0	57	0	9420	154	17	95	5.8	6.4	7.7	175132189.2	104	9420	500
5/13/2008 20:00	0	0	56	59	9420	153	14	95	5.9	6.5	7.7	175144910	129	9420	500
5/14/2008 0:00	0	0	55	59	9420	153	17	94	5.8	6.5	7.7	175157701.1	134	9420	500
5/14/2008 4:00	0	0	57	61	9420	153	19	94	5.8	6.5	7.7	175170555.1	145	9420	500
5/14/2008 8:00	0	0	57	60	9420	154	15	94	5.8	6.4	7.7	175183428.4	139	9420	500
5/14/2008 12:00	0	0	59	61	9420	154	16	95	5.8	6.4	7.7	175196282.7	235	9420	500
5/14/2008 16:00	0	0	55	60	9420	154	14	96	5.9	6.4	7.7	175209092.4	70	9420	23
5/14/2008 20:00	0	0	56	64	9420	154	14	94	5.8	6.5	7.7	175221922.2	104	9420	500
5/15/2008 0:00	0	0	56	60	9420	154	17	94	5.8	6.5	7.7	175234728.4	211	9420	500
5/15/2008 4:00	0	0	57	60	9420	154	18	94	5.8	6.5	7.7	175247547.3	149	9420	500
5/15/2008 8:00	0	0	55	61	9420	154	14	95	5.8	6.4	7.7	175260357.2	129	9420	500
5/15/2008 12:00	0	0	57	63	9420	154	15	96	5.8	6.4	7.6	175273191.6	115	9420	500
5/15/2008 16:00	0	0	57	7	9420	155	16	98	5.9	6.5	7.6	175284248.9	53	9420	500

5/15/2008 20:00	0	0	55	0	9420	155	17	97	5.9	6.5	7.6	175296965.9	122	9420	500
5/16/2008 0:00	0	0	56	0	9420	155	18	96	5.8	6.5	7.6	175309795.3	138	9420	500
5/16/2008 4:00	0	0	56	0	9420	155	19	95	5.8	6.5	7.6	175322617.7	158	9420	976
5/16/2008 8:00	0	0	55	6	9420	155	16	96	5.8	6.5	7.6	175335464.1	166	9420	976
5/16/2008 12:00	0	0	54	60	9420	154	18	95	5.8	6.5	7.6	175348308	125	9420	976
5/16/2008 16:00	0	0	55	60	9420	154	16	94	5.8	6.5	7.5	175361096.5	183	9420	500
5/16/2008 20:00	0	0	57	62	9420	154	15	94	5.8	6.5	7.5	175373952.8	159	9420	500
5/17/2008 0:00	0	0	58	59	9420	154	18	93	5.8	6.5	7.5	175386795.9	114	9420	500
5/17/2008 4:00	0	0	58	61	9420	153	19	94	5.8	6.5	7.5	175399618.9	145	9420	500
5/17/2008 8:00	0	0	55	61	9420	154	15	93	5.8	6.5	7.5	175412496.6	99	9420	500
5/17/2008 12:00	0	0	58	61	9420	154	14	95	5.8	6.5	7.5	175425364	110	9420	500
5/17/2008 16:00	0	0	55	59	9420	154	15	96	5.8	6.5	7.5	175438181.1	89	9420	500
5/17/2008 20:00	0	0	55	62	9420	154	15	96	5.9	6.5	7.5	175450990.2	84	9420	500
5/18/2008 0:00	0	0	57	61	9420	154	17	96	5.8	6.5	7.5	175463838.6	170	9420	500
5/18/2008 4:00	0	0	55	60	9420	154	19	94	5.8	6.5	7.5	175476670.1	140	9420	500
5/18/2008 8:00	0	0	56	61	9420	154	18	95	5.8	6.5	7.5	175489523.2	74	9420	500
5/18/2008 12:00	0	0	57	59	9420	154	17	95	5.8	6.5	7.5	175502352.1	148	9420	500
5/18/2008 16:00	0	0	56	61	9420	154	17	95	5.8	6.5	7.5	175515146.5	195	9420	500
5/18/2008 20:00	0	0	58	61	9420	154	17	95	5.8	6.5	7.4	175527947.7	130	9420	500
5/19/2008 0:00	0	0	55	63	9420	153	18	95	5.8	6.5	7.4	175540761.1	114	9420	500
5/19/2008 4:00	0	0	59	60	9420	153	19	94	5.8	6.5	7.4	175553571.1	70	9420	500
5/19/2008 8:00	0	0	57	62	9420	153	15	93	5.8	6.5	7.4	175566434.3	190	9420	500
5/19/2008 12:00	0	0	58	59	9420	153	16	94	5.8	6.5	7.4	175579121.2	117	9420	500
5/19/2008 16:00	0	0	57	0	9420	154	15	94	5.8	6.5	7.4	175592065.1	100	9420	500
5/19/2008 20:00	0	0	56	62	9420	153	14	94	5.8	6.5	7.4	175604969.5	160	9420	500
5/20/2008 0:00	0	0	55	60	9420	153	17	93	5.8	6.5	7.4	175617760.6	146	9420	500
5/20/2008 4:00	0	0	58	62	9420	153	19	92	5.8	6.5	7.4	175630601.5	95	9420	500
5/20/2008 8:00	0	0	58	62	9420	153	17	93	5.8	6.5	7.4	175643538.5	132	9420	500
5/20/2008 12:00	0	0	59	64	9420	154	13	94	5.8	6.5	7.4	175656546.7	144	9420	500
5/20/2008 16:00	0	0	56	64	9420	154	16	94	5.8	6.5	7.4	175669411.9	154	9420	500
5/20/2008 20:00	0	0	57	61	9420	153	14	94	5.8	6.5	7.4	175682251.9	154	9420	31
5/21/2008 0:00	0	0	60	61	9420	154	17	94	5.8	6.5	7.4	175695127.6	186	9420	500
5/21/2008 4:00	0	0	56	62	9420	153	20	93	5.8	6.5	7.4	175708156.7	123	9420	500
5/21/2008 8:00	0	0	57	62	9420	154	17	94	5.8	6.4	7.4	175721285.4	295	9420	500
5/21/2008 12:00	0	0	55	60	9420	154	17	95	5.8	6.4	7.4	175734373.3	139	9420	500
5/21/2008 16:00	0	0	55	60	9420	154	15	95	5.8	6.5	7.4	175747194	159	9420	500
5/21/2008 20:00	0	0	57	0	9420	154	14	94	5.8	6.5	7.4	175760031.3	127	9420	500
5/29/2008 8:00	0	0	62	66	9420	154	14	139	5.8	6.5	6.2	175771161.4	212	9420	193
5/29/2008 12:00	0	0	57	62	9420	154	11	91	5.8	6.4	7.3	175783533.6	139	9420	500
5/29/2008 16:00	0	0	56	59	9420	154	14	94	5.8	6.4	7.5	175796450.1	144	9420	500
5/29/2008 20:00	0	0	57	63	9420	154	10	94	5.9	6.4	7.6	175809246.8	83	9420	500
5/30/2008 0:00	0	0	56	61	9420	154	14	93	5.8	6.4	7.5	175822031.4	148	9420	500
5/30/2008 4:00	0	0	57	60	9420	154	19	93	5.8	6.4	7.5	175833473.2	174	9420	500
5/30/2008 8:00	0	0	58	63	9420	154	9	93	5.8	6.4	7.4	175846357.1	108	9420	500
5/30/2008 12:00	0	0	56	59	9420	155	11	95	5.8	6.4	7.5	175859220.7	115	9420	500
5/30/2008 16:00	0	0	58	60	9420	155	16	96	5.9	6.4	7.5	175871986.5	98	9420	500
5/30/2008 20:00	0	0	54	62	9420	155	11	96	5.9	6.4	7.4	175884747.9	122	9420	500
5/31/2008 0:00	0	0	58	60	9420	155	15	94	5.8	6.4	7.4	175897524.1	93	9420	500
5/31/2008 4:00	0	0	55	63	9420	155	11	95	5.8	6.4	7.4	175910312.7	146	9420	500
5/31/2008 8:00	0	0	55	59	9420	155	12	95	5.8	6.4	7.3	175923115.8	136	9420	500
5/31/2008 12:00	0	0	55	60	9420	156	9	97	5.8	6.4	7.3	175935896.3	124	9420	500
5/31/2008 16:00	0	0	58	61	9420	157	10	98	5.9	6.4	7.3	175948683.7	160	9420	500
5/31/2008 20:00	0	0	57	61	9420	157	11	98	5.9	6.4	7.3	175961469.9	124	9420	500

Stanton Cleaners Groundwater Contamination Site - June 2008 - Site Operation Data

	Recovery Well 1 Flow (GPM)	Recovery Well 2 Flow (GPM)	Recovery Well 3 Flow (GPM)	Discharge Flow (GPM)	Discharge Flow (CFM)	Influent water Temperature (deg F)	Influent conductivity	Effluent conductivity	Influent water pH	Air Stripper water pH	Discharge water pH	Total gallons discharged	Air Stripper Air Flow	Combined Discharge Air Flow	SVE Air Flow
6/1/2008 0:00	0	0	56	63	9420	156	18	97	5.8	6.4	7.3	175974300.2	156	9420	500
6/1/2008 4:00	0	0	57	0	9420	156	21	96	5.8	6.4	7.3	175987013.9	134	9420	10
6/1/2008 8:00	0	0	56	59	9420	155	20	96	5.8	6.4	7.3	175999742.2	168	9420	500
6/1/2008 12:00	0	0	57	61	9420	156	21	97	5.9	6.4	7.3	176012568	135	9420	500
6/1/2008 16:00	0	0	55	59	9420	156	72	96	5.9	6.4	7.4	176025375.7	149	9420	500
6/1/2008 20:00	0	0	58	60	9420	155	73	97	5.9	6.4	7.4	176038205.9	118	9420	500
6/2/2008 0:00	0	0	57	60	9420	155	69	95	5.8	6.4	7.3	176051050.9	190	9420	500
6/2/2008 4:00	0	0	54	0	9420	155	20	94	5.8	6.4	7.3	176063801.8	123	9420	500
6/2/2008 8:00	0	0	56	61	9420	154	73	94	5.8	6.4	7.3	176076511.9	180	9420	500
6/2/2008 12:00	0	0	57	61	9420	155	72	95	5.8	6.4	7.3	176089369.8	125	9420	500
6/2/2008 16:00	0	0	54	62	9420	155	72	96	5.9	6.4	7.4	176102237.8	99	9420	336
6/2/2008 20:00	0	0	56	60	9420	155	9	96	5.9	6.4	7.4	176115109.9	110	9420	394
6/3/2008 0:00	0	0	55	9	9420	155	16	95	5.8	6.4	7.3	176127945	133	9420	500
6/3/2008 4:00	0	0	57	61	9420	154	74	94	5.8	6.4	7.3	176140584.4	109	9420	976
6/3/2008 8:00	0	0	55	60	9420	155	16	95	5.8	6.4	7.3	176153556.1	127	9420	500
6/3/2008 12:00	0	0	57	62	9420	156	16	97	5.9	6.4	7.3	176166481	84	9420	500
6/3/2008 16:00	0	0	59	63	9420	156	11	96	5.9	6.4	7.4	176179345.6	113	9420	500
6/3/2008 20:00	0	0	55	0	9420	155	9	95	5.9	6.4	7.3	176192140.5	175	9420	500
6/4/2008 0:00	0	0	56	61	9420	155	17	94	5.8	6.4	7.3	176204856.9	124	9420	500
6/4/2008 4:00	0	0	56	61	9420	155	19	94	5.8	6.4	7.3	176217785.1	93	9420	500
6/4/2008 8:00	0	0	59	63	9420	155	10	95	5.8	6.4	7.3	176230648.2	134	9420	500
6/4/2008 12:00	0	0	59	0	9420	155	8	95	5.8	6.4	7.3	176243750.9	99	9420	500
6/4/2008 16:00	0	0	55	63	9420	156	9	96	5.8	6.4	7.3	176256534.9	90	9420	500
6/4/2008 20:00	0	0	57	60	9420	155	9	96	5.8	6.4	7.3	176269493.7	79	9420	500
6/5/2008 0:00	0	0	55	0	9420	155	20	95	5.8	6.4	7.3	176282338	132	9420	500
6/5/2008 4:00	0	0	55	62	9420	155	20	95	5.8	6.4	7.3	176295206	174	9420	500
6/5/2008 8:00	0	0	59	62	9420	155	12	93	5.8	6.4	7.3	176308188.9	80	9420	500
6/5/2008 12:00	0	0	59	0	9420	155	10	94	5.8	6.4	7.3	176321111.7	127	9420	500
6/5/2008 16:00	0	0	56	61	9420	155	10	96	5.8	6.4	7.3	176333927.6	109	9420	500
6/5/2008 20:00	0	0	57	60	9420	156	9	95	5.8	6.4	7.3	176346865.4	79	9420	500
6/6/2008 0:00	0	0	57	62	9420	155	18	95	5.8	6.4	7.3	176359560.6	118	9420	500
6/6/2008 4:00	0	0	57	63	9420	155	19	94	5.8	6.4	7.3	176372541.9	179	9420	500
6/6/2008 8:00	0	0	56	65	9420	155	10	94	5.8	6.4	7.3	176385552.2	141	9420	500
6/6/2008 12:00	0	0	55	64	9420	155	11	95	5.8	6.4	7.3	176398393	133	9420	500
6/6/2008 16:00	0	0	58	61	9420	156	10	96	5.8	6.4	7.3	176411352	190	9420	500
6/6/2008 20:00	0	0	55	60	9420	155	9	95	5.9	6.4	7.3	176424040	153	9420	500
6/7/2008 0:00	0	0	56	64	9420	155	8	95	5.8	6.4	7.3	176436991.1	143	9420	500
6/7/2008 4:00	0	0	55	60	9420	155	9	95	5.8	6.4	7.3	176449716.5	114	9420	500
6/7/2008 8:00	0	0	56	64	9420	155	9	95	5.8	6.4	7.3	176462710.8	165	9420	500
6/7/2008 12:00	0	0	54	62	9420	159	7	100	5.9	6.3	7.3	176475672.9	165	9420	500
6/7/2008 16:00	0	0	57	64	9420	158	63	100	5.9	6.4	7.3	176488344.7	109	9420	976
6/7/2008 20:00	0	0	55	60	9420	158	73	100	5.9	6.4	7.3	176501231.1	104	9420	500
6/8/2008 0:00	0	0	55	64	9420	157	73	98	5.9	6.4	7.3	176513914.7	125	9420	500
6/8/2008 4:00	0	0	55	64	9420	157	73	98	5.9	6.3	7.3	176526878.3	163	9420	500
6/8/2008 8:00	0	0	56	62	9420	157	73	99	5.9	6.4	7.3	176539600.2	141	9420	500
6/8/2008 12:00	0	0	57	63	9420	157	73	99	5.9	6.4	7.3	176552504.2	119	9420	500
6/8/2008 16:00	0	0	56	62	9420	158	73	101	5.9	6.4	7.3	176565142.4	141	9420	500
6/8/2008 20:00	0	0	58	64	9420	158	73	101	5.9	6.4	7.3	176578070.1	23	9420	976
6/9/2008 0:00	0	0	59	0	9420	157	72	99	5.9	6.4	7.3	176590857.8	120	9420	976
6/9/2008 4:00	0	0	55	62	9420	157	73	98	5.9	6.4	7.3	176603708.9	181	9420	500
6/9/2008 8:00	0	0	58	63	9420	157	73	98	5.9	6.3	7.3	176616644.9	54	9420	500
6/9/2008 12:00	0	0	56	61	9420	158	72	101	5.9	6.4	7.3	176629341.2	98	9420	500
6/9/2008 16:00	0	0	55	60	9420	158	73	100	5.9	6.4	7.3	176642253.8	143	9420	500
6/9/2008 20:00	0	0	56	9	9420	158	73	100	5.9	6.4	7.3	176655137.8	113	9420	500
6/10/2008 0:00	0	0	56	60	9420	157	73	99	5.9	6.3	7.3	176667811.3	117	9420	500
6/10/2008 4:00	0	0	57	61	9420	157	73	98	5.9	6.3	7.3	176680723.9	122	9420	500
6/10/2008 8:00	0	0	54	60	9420	158	73	100	5.9	6.3	7.3	176693634.9	88	9420	500
6/10/2008 12:00	0	0	59	0	9420	157	73	101	5.9	6.4	7.3	176706343.1	189	9420	500
6/10/2008 16:00	0	0	0	0	9420	157	74	105	5.9	6.4	7.3	176716568.7	17	9420	500
6/10/2008 20:00	0	0	0	0	9420	160	83	138	6.9	6.6	7.4	176716568.7	31	9420	500
6/11/2008 0:00	0	0	55	60	9420	157	73	98	5.8	6.4	7.2	176721019.6	115	9420	500
6/11/2008 4:00	0	0	56	62	9420	156	73	97	5.8	6.3	7.2	176732243.1	161	9420	500
6/11/2008 8:00	0	0	56	64	9420	156	72	97	5.8	6.3	7.3	176744945.1	224	9420	500
6/11/2008 12:00	0	0	57	64	9420	156	73	97	5.8	6.3	7.3	176757866.1	88	9420	500
6/11/2008 16:00	0	0	55	60	9420	157	73	97	5.9	6.3	7.3	176770779.1	140	9420	500
6/11/2008 20:00	0	0	57	60	9420	156	73	97	5.9	6.4	7.3	176782762.9	99	9420	500
6/12/2008 0:00	0	0	56	65	9420	155	72	96	5.8	6.3	7.3	176795713.5	92	9420	976
6/12/2008 4:00	0	0	55	64	9420	155	73	96	5.8	6.3	7.3	176808669.4	160	9420	500
6/12/2008 8:00	0	0	56	60	9420	156	73	96	5.8	6.3	7.3	176821634.6	156	9420	500
6/12/2008 12:00	0	0	55	62	9420	156	73	96	5.8	6.4	7.3	176834566	105	9420	500
6/12/2008 16:00	0	0	57	62	9420	155	73	97	5.9	6.3	7.3	176847234.7	67	9420	500
6/12/2008 20:00	0	0	56	60	9420	155	73	97	5.9	6.4	7.3	176860148.3	160	9420	500
6/13/2008 0:00	0	0	55	61	9420	155	72	94	5.8	6.4	7.3	176873079.1	130	9420	500
6/13/2008 4:00	0	0	55	61	9420	154	8	94	5.8	6.3	7.3	176886050.4	118	9420	500
6/13/2008 8:00	0	0	55	62	9420	155	9	94	5.8	6.3	7.3	176899118	110	9420	500
6/13/2008 12:00	0	0	56	62	9420	155	8	96	5.8	6.3	7.3	176911865.5	133	9420	500
6/13/2008 16:00	0	0	56	60	9420	155	12	96	5.9	6.4	7.3	176924809	139	9420	976
6/13/2008 20:00	0	0	59	59	9420	155	10	97	5.9	6.4	7.3	176937734.1	109	9420	976
6/14/2008 0:00	0	0	56	60	9420	156	9	97	5.8	6.3	7.3	176950658.5	92	9420	500
6/14/2008 4:00	0	0	59	62	9420	156	8	96	5.8	6.3	7.3	176963595.2	136	9420	976
6/14/2008 8:00	0	0	56	61	9420	156	8	97	5.8	6.3	7.3	176976539.3	99	9420	500
6/14/2008 12:00	0	0	55	0	9420	157	8	99	5.9	6.3	7.3	176989333.1	59	9420	500
6/14/2008 16:00	0	0	57	63	9420	158	14	101	5.9	6.3	7.3	177002101.9	90	9420	500
6/14/2008 20:00	0	0	57	60	9420	157	15	98	5.9	6.3	7.3	177014997.7	125	9420	500
6/15/2008 0:00	0	0	55	60	9420	156	8	98	5.8	6.3	7.3	177027903	145	9420	500
6/15/2008 4:00	0	0	57	61	9420	156	9	98	5.8	6.3	7.3	177040828	104	9420	500
6/15/2008 8:00	0	0	58	59	9420	157	8	99	5.8	6.3	7.3	177053768	85	9420	500
6/15/2008 12:00	0	0	57	60	9420	156	16	98	5.8	6.3	7.3	177066702.4	159	9420	500
6/15/2008 16:00	0	0	55	60	9420	157	15	98	5.9	6.3	7.3	177079642.7	100	9420	500
6/15/2008 20:00	0	0	57	61	9420	156	15	97	5.9	6.3	7.3	177092556.2	168	9420	500
6/16/2008 0:00	0	0	56	61	9420	156	8	95	5.8	6.4	7.3	177105481.9	120	9420	500
6/16/2008 4:00	0	0	56	8	9420	156	7	96	5.8	6.4	7.3	177118373.7	95	9420	500
6/16/2008 8:00	0	0	58	0	9420	156	19	97	5.8	6.3	7.3	177131192.2	134	9420	500
6/16/2008 12:00	0	0	58	60	9420	156	13	98	5.8	6.3	7.3	177144022.9	132	9420	500

6/16/2008 16:00	0	0	56	61	9420	157	16	99	5.9	6.3	7.3	177156497.9	153	9420	500
6/16/2008 20:00	0	0	58	59	9420	155	13	96	5.8	6.4	7.3	177169463.2	195	9420	976
6/17/2008 0:00	0	0	57	64	9420	155	21	95	5.8	6.4	7.3	177182275.8	149	9420	500
6/17/2008 4:00	0	0	58	66	9420	155	21	95	5.8	6.3	7.3	177195461.2	130	9420	500
6/17/2008 8:00	0	0	58	63	9420	155	18	96	5.8	6.3	7.3	177208877.1	90	9420	500
6/17/2008 12:00	0	0	60	62	9420	155	19	97	5.8	6.4	7.3	177222054.2	99	9420	500
6/17/2008 16:00	0	0	59	60	9420	155	18	97	5.8	6.4	7.3	177235043.4	128	9420	976
6/17/2008 20:00	0	0	57	60	9420	155	16	95	5.8	6.4	7.3	177248035.8	135	9420	500
6/18/2008 0:00	0	0	58	63	9420	154	21	94	5.8	6.4	7.3	177261041.1	173	9420	500
6/18/2008 4:00	0	0	60	66	9420	154	11	94	5.8	6.4	7.3	177274271.2	108	9420	500
6/18/2008 8:00	0	0	60	66	9420	154	13	94	5.8	6.3	7.3	177287852.8	154	9420	500
6/18/2008 12:00	0	0	58	62	9420	155	18	96	5.8	6.4	7.3	177301237	140	9420	500
6/18/2008 16:00	0	0	59	63	9420	155	18	96	5.8	6.4	7.3	177314321.9	99	9420	500
6/18/2008 20:00	0	0	57	63	9420	155	10	95	5.8	6.4	7.3	177327334.3	144	9420	0
6/19/2008 0:00	0	0	60	61	9420	155	20	94	5.8	6.4	7.3	177340515.5	194	9420	500
6/19/2008 4:00	0	0	58	64	9420	155	11	94	5.8	6.4	7.3	177353992	139	9420	500
6/19/2008 8:00	0	0	62	70	9420	155	12	94	5.8	6.4	7.3	177367816.4	242	9420	500
6/19/2008 12:00	0	0	59	62	9420	155	9	96	5.8	6.4	7.3	177381354	66	9420	500
6/19/2008 16:00	0	0	60	68	9420	155	11	96	5.8	6.4	7.3	177394753	175	9420	976
6/19/2008 20:00	0	0	58	65	9420	155	11	96	5.8	6.4	7.3	177407974.6	193	9420	500
6/20/2008 0:00	0	0	55	61	9420	155	10	95	5.8	6.4	7.3	177421013.3	93	9420	500
6/20/2008 4:00	0	0	56	61	9420	155	11	94	5.8	6.4	7.3	177434176	158	9420	500
6/20/2008 8:00	0	0	61	63	9420	155	11	95	5.8	6.3	7.3	1774475201	179	9420	500
6/20/2008 12:00	0	0	58	64	9420	155	14	96	5.8	6.4	7.3	177460725.8	125	9420	500
6/20/2008 16:00	0	0	56	62	9420	156	14	98	5.9	6.4	7.3	177473706.1	140	9420	500
6/20/2008 20:00	0	0	59	62	9420	156	73	97	5.9	6.4	7.3	1774866873	102	9420	500
6/21/2008 0:00	0	0	56	64	9420	156	73	98	5.8	6.4	7.3	177499757.4	141	9420	976
6/21/2008 4:00	0	0	58	62	9420	155	9	95	5.8	6.4	7.3	177511606	113	9420	500
6/21/2008 8:00	0	0	58	63	9420	155	8	96	5.8	6.4	7.3	1775248165	184	9420	500
6/21/2008 12:00	0	0	57	61	9420	155	13	98	5.8	6.4	7.3	177537998.9	119	9420	500
6/21/2008 16:00	0	0	56	62	9420	156	13	99	5.9	6.4	7.3	177550998.1	132	9420	500
6/21/2008 20:00	0	0	58	60	9420	156	13	98	5.9	6.4	7.3	177563980.6	134	9420	500
6/22/2008 0:00	0	0	58	62	9420	157	18	98	5.8	6.4	7.3	177576980.7	176	9420	500
6/22/2008 4:00	0	0	56	6	9420	156	21	97	5.8	6.4	7.3	177590009.2	151	9420	500
6/22/2008 8:00	0	0	59	60	9420	156	20	97	5.8	6.4	7.3	177603108.6	102	9420	500
6/22/2008 12:00	0	0	57	0	9420	156	18	98	5.9	6.4	7.3	177616056.7	94	9420	500
6/22/2008 16:00	0	0	56	0	9420	157	16	99	5.9	6.4	7.3	177628920.4	127	9420	500
6/22/2008 20:00	0	0	56	61	9420	156	17	99	5.9	6.4	7.3	177641812.9	159	9420	500
6/23/2008 0:00	0	0	56	61	9420	156	18	99	5.8	6.4	7.3	177654785.9	124	9420	500
6/23/2008 4:00	0	0	57	0	9420	156	21	98	5.8	6.4	7.3	177667928.8	117	9420	500
6/23/2008 8:00	0	0	56	0	9420	157	16	98	5.8	6.4	7.3	177681085.6	139	9420	500
6/23/2008 12:00	0	0	57	0	9420	157	15	98	5.8	6.4	7.3	177694181.5	161	9420	976
6/23/2008 16:00	0	0	58	62	9420	157	16	99	5.9	6.4	7.3	177707154.3	143	9420	976
6/23/2008 20:00	0	0	56	62	9420	157	14	100	5.9	6.4	7.3	177720152	145	9420	500
6/24/2008 0:00	0	0	58	0	9420	156	19	98	5.8	6.4	7.3	1777332782	176	9420	500
6/24/2008 4:00	0	0	58	60	9420	155	20	96	5.8	6.4	7.3	177746463	88	9420	500
6/24/2008 8:00	0	0	1	1	9420	155	76	103	6.4	6.5	7.3	177750310.8	95	9420	500
6/24/2008 12:00	0	0	1	1	9420	157	79	115	7.1	6.6	7.4	177750676.6	98	9420	500
6/24/2008 16:00	0	0	56	0	9420	155	73	97	5.8	6.4	7.3	177760390.1	140	9420	500
6/24/2008 20:00	0	0	55	0	9420	155	74	97	5.8	6.4	7.3	177773187	144	9420	500
6/25/2008 0:00	0	0	58	6	9420	155	72	96	5.8	6.4	7.3	177786409.3	112	9420	500
6/25/2008 4:00	0	0	58	63	9420	155	74	96	5.8	6.4	7.3	177799525.1	181	9420	500
6/25/2008 8:00	0	0	59	62	9420	155	10	96	5.8	6.4	7.3	177812705.6	151	9420	500
6/25/2008 12:00	0	0	58	62	9420	155	14	97	5.8	6.4	7.3	177825860.7	143	9420	500
6/25/2008 16:00	0	0	58	60	9420	156	14	98	5.9	6.4	7.4	177838868.4	140	9420	500
6/25/2008 20:00	0	0	58	61	9420	156	9	97	5.9	6.4	7.3	177851859.4	164	9420	500
6/26/2008 0:00	0	0	59	63	9420	156	10	97	5.8	6.4	7.3	1778648809	163	9420	500
6/26/2008 4:00	0	0	59	63	9420	156	2	98	5.8	6.4	7.3	177877979.8	183	9420	500
6/26/2008 8:00	0	0	58	7	9420	157	4	97	5.8	6.4	7.3	177891355.6	110	9420	500
6/26/2008 12:00	0	0	56	65	9420	157	7	99	5.8	6.4	7.3	177904509.9	138	9420	500
6/26/2008 16:00	0	0	58	60	9420	157	14	100	5.9	6.4	7.3	177917581.9	173	9420	500
6/26/2008 20:00	0	0	56	62	9420	157	12	99	5.9	6.4	7.3	177930638.4	43	9420	500
6/27/2008 0:00	0	0	58	62	9420	157	12	98	5.8	6.4	7.3	177943706.2	134	9420	500
6/27/2008 4:00	0	0	59	62	9420	156	11	98	5.8	6.4	7.3	177956830.6	124	9420	500
6/27/2008 8:00	0	0	59	61	9420	156	14	99	5.8	6.4	7.3	1779700326	141	9420	137
6/27/2008 12:00	0	0	56	63	9420	157	13	99	5.9	6.4	7.3	177983182.5	133	9420	500
6/27/2008 16:00	0	0	57	62	9420	156	13	98	5.9	6.4	7.3	177996251	102	9420	500
6/27/2008 20:00	0	0	55	61	9420	157	11	99	5.9	6.4	7.3	178009286.1	146	9420	500
6/28/2008 0:00	0	0	57	60	9420	156	12	99	5.8	6.4	7.3	178022328.9	120	9420	500
6/28/2008 4:00	0	0	56	63	9420	156	11	98	5.8	6.4	7.3	178035428.2	114	9420	500
6/28/2008 8:00	0	0	59	62	9420	158	11	99	5.8	6.4	7.3	178048588.8	163	9420	500
6/28/2008 12:00	0	0	58	65	9420	158	12	100	5.9	6.4	7.3	178061681	128	9420	500
6/28/2008 16:00	0	0	58	60	9420	158	9	100	5.9	6.4	7.3	178074655.3	112	9420	500
6/28/2008 20:00	0	0	56	61	9420	158	8	101	5.9	6.4	7.3	178087627	155	9420	500
6/29/2008 0:00	0	0	56	0	9420	158	8	100	5.9	6.4	7.3	178100806.8	163	9420	500
6/29/2008 4:00	0	0	57	63	9420	157	9	99	5.8	6.4	7.3	178114035	119	9420	500
6/29/2008 8:00	0	0	56	63	9420	158	9	99	5.8	6.4	7.3	178127263.5	154	9420	500
6/29/2008 12:00	0	0	55	61	9420	158	9	99	5.9	6.4	7.3	178140396.1	124	9420	500
6/29/2008 16:00	0	0	59	10	9420	158	9	100	5.9	6.4	7.3	178153340.3	176	9420	500
6/29/2008 20:00	0	0	57	61	9420	158	74	100	5.9	6.4	7.3	178166343.4	141	9420	500
6/30/2008 0:00	0	0	56	61	9420	157	74	99	5.8	6.4	7.3	178179424.7	160	9420	500
6/30/2008 4:00	0	0	57	63	9420	156	73	99	5.8	6.4	7.3	178192585.4	130	9420	500
6/30/2008 8:00	0	0	58	0	9420	157	74	100	5.8	6.4	7.3	178204706.6	180	9420	500
6/30/2008 12:00	0	0	56	63	9420	157	74	98	5.9	6.4	7.3	178217842.8	110	9420	500
6/30/2008 16:00	0	0	56	59	9420	156	73	99	5.9	6.4	7.3	178230904.1	88	9420	500
6/30/2008 20:00	0	0	56	63	9420	156	74	99	5.9	6.4	7.3	178243945.3	105	9420	500

Appendix D

Groundwater Treatment System
Sampling Trip Report

Appendix D

Groundwater Treatment System
Sampling Trip Report

Sampling Trip Report

Site Name: STANTON CLEANERS AREA GROUNDWATER CONTAMINATION SITE

CERCLIS ID Number: NYD047650196
Sampling Date: April 3, 2008
CLP Case Number: N/A
Site Location: 110 Cutter Mill Rd., Great Neck, NY 11021
Description of Samples: Groundwater Treatment System Influent/Effluent

Laboratories Receiving Samples (Table 1):

Case Number	Sample Type	Laboratory
N/A	TCL-VOAS SOM 01.1	USEPA Region II DESA LAB Building 209 2890 Woodbridge Ave. Edison, NJ 08837

Sample Dispatch Data (Table 2):

On April 3, 2008, a total of four (4) groundwater samples, including one (1) duplicate sample and one (1) trip blank were hand-delivered to the U.S. Environmental Protection Agency Region II Lab (USEPA) for TCL-VOAs analysis.

FedEx Airbill No.	Number of Coolers	Number and Type of Samples	Time and Date of Shipping
N/A	1	Total of four aqueous samples, including one duplicate and one trip blank for TCL-VOAs	Hand delivered to EPA –DESA lab at 13:30, 4/3/08

Sampling Personnel (Table 3):

Name	Organization	Site Duties
Carol DiGuardia	NEIE	Sampler/Sample Management

Sample Numbers and Collection Points (Table 4):

Laboratory	Analysis	Sample Type	Sample #	Sample Collection Point(SCP)
USEPA Region II DESA LAB	TCL-VOAs	Aqueous Groundwater	Influent (MW-24 and EPA-EXT-02)	Influent (MW-24 and EPA-EXT-02)
			Effluent	Effluent

Building 209 MS-230 2890 Woodbridge Avenue Edison, N.J. 08837			Effluent A	Duplicate of Effluent
			TB	Trip Blank

Additional Comments:

The Influent, Effluent and Effluent-A samples were collected after a five gallon purge from the sample ports located within the treatment system. The influent sample includes MW-24 and EPA-EXT-02. These two wells combine before they reach the treatment room and therefore cannot be sampled individually. These samples were collected 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 are included in Appendix A.

Real time water quality parameters from the raw water were also collected for all the following sampling locations: Influent and Effluent (Discharge) and the results are included in Appendix B.

Appendix A

Chain of Custody

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

Case No:
DAS No:
SDG No: L

Date Shipped: 4/3/2008	Chain of Custody Record	Sampler Signature:	For Lab Use Only
Carrier Name: Hand deliver	Relinquished By (Date / Time)	Received By (Date / Time)	Lab Contract No:
Airbill:	1		Unit Price:
Shipped to: U.S. EPA Region II DESA Lab (DESA) 2890 Woodbridge Ave. Edison NJ 08846 (732) 906-6888	2		Transfer To:
	3		Lab Contract No:
	4		Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAGS/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
EFFLUENT	Ground Water	L/G	VOA (14)	(HCL) (3)	EFFLUENT	S: 4/3/2008	9:00		
EFFLUENT-A	Ground Water/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	EFFLUENT-A	S: 4/3/2008	9:05		
INFLUENT	Ground Water/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	INFLUENT	S: 4/3/2008	8:45		
TB	Field QC/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	TB	S: 4/3/2008	8:30		

Shipment for Case Complete?Y	Sample(s) to be used for laboratory QC:	Additional Samples 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: 2-043013577-040308-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Hunilur Bhuiyan, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4900; Fax 703/818-4802

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

Case No:
DAS No:
R

Region:	2
Project Code:	
Account Code:	
CERCLIS ID:	NYD047650196
Spill ID:	
Site Name/State:	Stanton Cleaners/NY
Project Leader:	Carol DiGuardia
Action:	
Sampling Co:	NEIE

Date Shipped:	4/3/2008
Carrier Name:	Hand deliver
Airbill:	
Shipped to:	U.S. EPA Region II DESA Lab (DESA) 2890 Woodbridge Ave. Edison NJ 08848 (732) 906-6886

Chain of Custody Record

Sampler Signature:

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Carol DiGuardia (signature)			
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
EFFLUENT	Ground Water	L/G	VOA (14)	(HCL) (3)	EFFLUENT	S: 4/3/2008 9:00		--
EFFLUENT-A	Ground Water/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	EFFLUENT-A	S: 4/3/2008 9:05		Field Duplicate
INFLUENT	Ground Water/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	INFLUENT	S: 4/3/2008 8:45		--
TB	Field QC/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	TB	S: 4/3/2008 8:30		Trip Blank

Shipment for Case Complete? Y	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: 2-043013577-040308-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax [illegible]

REGION COPY

Appendix B

Water Quality Log

STANTON CLEANERS SITE LTRA

Groundwater Pump and Treatment System
Water Quality Parameters Log

Date: 4/3/08

	pH	COND.	TURB.	DO	TEMP.	SALINITY
Influent*	5.65	0.673	15.3	13.4	13.95	0.0
Discharge	6.05	0.648	6.2	13.2	13.85	0.0

Total Gallons pumped:
gallons
Flow rate:

*** The influent consists of MW-24 and EPA-EXT-02. These wells combine before they reach the treatment room and therefore cannot be individually sampled for analysis.**

Equipment Calibrated by: **Carol DiGuardia** **Comments:**
Water samples collected by: **Carol DiGuardia**
Water monitoring performed by: **Carol DiGuardia**

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: NYD047650196
Sampling Date: April 30, 2008
CLP Case Number: N/A
Site Location: 110 Cutter Mill Rd., Great Neck, NY 11021
Description of Samples: Groundwater Treatment System Influent/Effluent

Laboratories Receiving Samples (Table 1):

Case Number	Sample Type	Laboratory
N/A	TCL-VOAS SOM 01.1	USEPA Region II DESA LAB Building 209 2890 Woodbridge Ave. Edison, NJ 08837

Sample Dispatch Data (Table 2):

On May 1, 2008, a total of four (4) groundwater samples, including one (1) duplicate sample and one (1) trip blank were hand-delivered to the U.S. Environmental Protection Agency Region II Lab (USEPA) for TCL-VOA analysis.

FedEx Airbill No.	Number of Coolers	Number and Type of Samples	Time and Date of Shipping
N/A	1	Total of four aqueous samples, including one duplicate and one trip blank for TCL-VOAs	Hand delivered to EPA –DESA lab at 13:00, 5/1/08

Sampling Personnel (Table 3):

Name	Organization	Site Duties
Frank Mahalski	NEIE	Sampler/Sample Management
Carol DiGuardia	NEIE	Sample Management

Sample Numbers and Collection Points (Table 4):

Laboratory	Analysis	Sample Type	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	Influent (MW-24 and EPA-EXT-02)	Influent (MW-24 and EPA-EXT-02)
			Effluent	Effluent
			Effluent A	Duplicate of Effluent
			TB-1	Trip Blank

Additional Comments:

The Influent, Effluent and Effluent-A samples were collected after a five gallon purge from the sample ports located within the treatment system. The influent sample includes MW-24 and EPA-EXT-02. These two wells combine before they reach the treatment room and therefore cannot be sampled individually. These samples were collected 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 are included in Appendix A.

Real time water quality parameters from the raw water were also collected for all the following sampling locations: Influent and Effluent (Discharge) and the results are included in Appendix B.

These samples were collected as part of the May monthly system sampling. The samples were collected in the evening of April 30 due to a planned shut down of the system in the morning of May 1 for carbon change out and an un-planned shut down of the system at 19:00 on April 30 by the Long Island Power Authority.

Appendix A

Chain of Custody

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

Case No:
DAS No:
SDG No: L

Date Shipped:	5/1/2008
Carrier Name:	Hand deliver
Airbill:	
Shipped to:	U.S. EPA Region II DESA Lab (DESA) 2890 Woodbridge Ave. Edison NJ 08848 (732) 906-6886

Chain of Custody Record

	Relinquished By	(Date / Time)	Received By	(Date / Time)
1	Carol DiGuardia	5/1/08 1300		
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
EFFLUENT	Ground Water/ Frank Mahalski	L/G	VOA (14)	(HCL) (3)	EFFLUENT	S: 4/30/2008	17:50		
EFFLUENT-A	Ground Water/ Frank Mahalski	L/G	VOA (14)	(HCL) (3)	EFFLUENT-A	S: 4/30/2008	17:50		
INFLUENT	Ground Water/ Frank Mahalski	L/G	VOA (14)	(HCL) (3)	INFLUENT	S: 4/30/2008	17:55		
TB-1	Field QC/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	TB-1	S: 4/30/2008	17:41		

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: 2-043013577-050108-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
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FZV51.047 Page 1 of 1

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

Case No:
DAS No:
R

Region:	2	Date Shipped:	5/1/2008
Project Code:		Carrier Name:	Hand deliver
Account Code:		Airbill:	
CERCLIS ID:	NYD047650196	Shipped to:	U.S. EPA Region II DESA Lab (DESA) 2890 Woodbridge Ave. Edison NJ 08848 (732) 906-6886
Spill ID:			
Site Name/State:	Stanton Cleaners/NY		
Project Leader:	Carol DiGuardia		
Action:	Operations and Maintenance		
Sampling Co:	NEIE		

Chain of Custody Record

	Relinquished By (Date / Time)	Received By (Date / Time)
1	Carol DiGuardia 5/1/08 1300	
2		
3		
4		

Sampler Signature:

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/ Frank Mahalski	L/G	VOA (14)	(HCL) (3)	EFFLUENT	S: 4/30/2008	17:50		–
EFFLUENT-A	Ground Water/ Frank Mahalski	L/G	VOA (14)	(HCL) (3)	EFFLUENT-A	S: 4/30/2008	17:50		Field Duplicate
INFLUENT	Ground Water/ Frank Mahalski	L/G	VOA (14)	(HCL) (3)	INFLUENT	S: 4/30/2008	17:55		–
TB-1	Field QC/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	TB-1	S: 4/30/2008	17:41		Trip Blank

Shipment for Case Complete? Y	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: 2-043013577-050108-0001

REGION COPY

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Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

Appendix B

Water Quality Log

Groundwater Pump and Treatment System
Water Quality Parameters Log

Date: 4/30/08

	pH	COND.	TURB.	DO	TEMP.	SALINITY
Influent*	6.70	0.652	15.5	10.0	15.08	0.0
Discharge	6.66	0.640	7.4	10.4	15.41	0.0

Total Gallons pumped: 5 gallons
Flow rate:

*** The influent consists of MW-24 and EPA-EXT-02. These wells combine before they reach the treatment room and therefore cannot be individually sampled for analysis.**

Equipment Calibrated by: **Carol DiGuardia** **Comments:**
Water samples collected by: **Frank Mahalski**
Water monitoring performed by: **Carol DiGuardia**

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: NYD047650196
Sampling Date: June 2, 2008
CLP Case Number: N/A
Site Location: 110 Cutter Mill Rd., Great Neck, NY 11021
Description of Samples: Groundwater Treatment System Influent/Effluent

Laboratories Receiving Samples (Table 1):

Case Number	Sample Type	Laboratory
N/A	TCL-VOAS SOM 01.1	USEPA Region II DESA LAB Building 209 2890 Woodbridge Ave. Edison, NJ 08837

Sample Dispatch Data (Table 2):

On June 2, 2008, a total of four (4) groundwater samples, including one (1) duplicate sample and one (1) trip blank were hand-delivered to the U.S. Environmental Protection Agency Region II Lab (USEPA) for TCL-VOA analysis.

FedEx Airbill No.	Number of Coolers	Number and Type of Samples	Time and Date of Shipping
N/A	1	Total of four aqueous samples, including one duplicate and one trip blank for TCL-VOAs	Hand delivered to EPA –DESA lab at 14:45, 6/2/08

Sampling Personnel (Table 3):

Name	Organization	Site Duties
Carol DiGuardia	NEIE	Sampler/Sample Management

Sample Numbers and Collection Points (Table 4):

Laboratory	Analysis	Sample Type	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	Influent (MW-24 and EPA-EXT-02)	Influent (MW-24 and EPA-EXT-02)
			Effluent	Effluent
			Effluent A	Duplicate of Effluent
			TB-1	Trip Blank

Additional Comments:

The Influent, Effluent and Effluent-A samples were collected after a five gallon purge from the sample ports located within the treatment system. The influent sample includes MW-24 and EPA-EXT-02. These two wells combine before they reach the treatment room and therefore cannot be sampled individually. These samples were collected 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 are included in Appendix A.

Real time water quality parameters from the raw water were also collected for all the following sampling locations: Influent and Effluent (Discharge) and the results are included in Appendix B.

Appendix A

Chain of Custody

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

Case No: R
DAS No:

Region:	2	Date Shipped:	6/2/2008
Project Code:		Carrier Name:	Hand deliver
Account Code:		Airbill:	
CERCLIS ID:	NYD047650196	Shipped to:	U.S. EPA Region II DESA Lab (DESA) 2890 Woodbridge Ave. Edison NJ 08848 (732) 906-6886
Spill ID:			
Site Name/State:	Stanton Cleaners/NY		
Project Leader:	Carol DiGuardia		
Action:	Operations and Maintenance		
Sampling Co:			

Chain of Custody Record		Sampler Signature:	
Relinquished By	(Date / Time)	Received By	(Date / Time)
[illegible]	6/5/08		
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
EFFLUENT	Ground Water/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	Effluent	S: 6/2/2008	8:30		--
EFFLUENT-A	Field QC/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	Effluent-A	S: 6/2/2008	8:35		Field Duplicate
INFLUENT	Ground Water/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	Influent	S: 6/2/2008	8:00		--
TB	Field QC/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	TB	S: 6/2/2008	7:15		Trip Blank

Shipment for Case Complete? Y	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: 2-043013577-060208-0001

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Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

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

Case No:
DAS No:
SDG No:

L

Date Shipped:	6/2/2008
Carrier Name:	Hand deliver
Airbill:	
Shipped to:	U.S. EPA Region II DESA Lab (DESA) 2890 Woodbridge Ave. Edison NJ 08848 (732) 906-6886

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
EFFLUENT	Ground Water/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	Effluent	S: 6/2/2008	8:30		
EFFLUENT-A	Field QC/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	Effluent-A	S: 6/2/2008	8:35		
INFLUENT	Ground Water/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	Influent	S: 6/2/2008	8:00		
TB	Field QC/ Carol DiGuardia	L/G	VOA (14)	(HCL) (3)	TB	S: 6/2/2008	7:15		

Shipment for Case Complete?Y	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: 2-043013577-060208-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

F2V5.1.047 Page 1 of 1

Appendix B

Water Quality Log

STANTON CLEANERS SITE LTRA

Groundwater Pump and Treatment System
Water Quality Parameters Log

Date: 6-02-08

	pH	COND.	TURB.	DO	TEMP.	SALINITY
Influent*	5.35	0.714	112.0	10.8	16.05	0.0
Discharge	6.07	0.649	116.0	10.0	16.40	0.0

Total Gallons pumped: 5 gallons
Flow rate:

*** The influent consists of MW-24 and EPA-EXT-02. These wells combine before they reach the treatment room and therefore cannot be individually sampled for analysis.**

Equipment Calibrated by: **Carol DiGuardia** **Comments:**
Water samples collected by: **Carol DiGuardia**
Water monitoring performed by: **Carol DiGuardia**

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.

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: 4/3/2008
Project #

		FID	MultiRAE Plus PGM-50					VelociCalc Plus				
	Pipe ID	VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pre.	%RH	Dew pt.	Flow
SVE-Influent^	5.709	N/A	N/A	N/A	N/A	N/A	N/A	90.9	N/A	27.6	54.5	95
Post Air Stripper	11.294	N/A	N/A	N/A	N/A	N/A	N/A	58.1	N/A	96.5	55.4	540
SVE-Effluent[1]	5.706	N/A	N/A	N/A	N/A	N/A	N/A	58.8	N/A	32.2	23.2	92
GW Post Vapor Effluent[2]	11.294	N/A	N/A	N/A	N/A	N/A	N/A	61.1	N/A	94.1	57.0	1140
EPA-SVE-1 (shallow)	1.913	N/A	N/A	N/A	N/A	N/A	N/A	55.3	N/A	19.4	13.7	0.2
EPA-SVE-1 (medium)	1.913	N/A	N/A	N/A	N/A	N/A	N/A	55.3	N/A	63.6	42.1	0.0
EPA-SVE-2 (shallow)^	1.913	N/A	N/A	N/A	N/A	N/A	N/A	57.9	N/A	10.5	6.2	2.3
EPA-SVE-2 (medium)	1.913	N/A	Sampling port vertical-cannot obtain reading									
SS-A^	1.913	N/A	N/A	N/A	N/A	N/A	N/A	53.4	N/A	15.0	10.2	4.2
EPA-SVE-04R/SS-B(A)	1.913	N/A	N/A	N/A	N/A	N/A	N/A	54.2	N/A	11.9	6.1	0.7
SS-B-C	1.913	N/A	N/A	N/A	N/A	N/A	N/A	Blocked by gas station pallets				
SS-C	1.913	N/A	N/A	N/A	N/A	N/A	N/A	56.0	N/A	26.1	19.7	0.0
L1	1.913	N/A	N/A	N/A	N/A	N/A	N/A	52.1	N/A	15.5	9	56.5
L2	1.913	N/A	OFF									
SS-B(B)^	1.913	N/A	N/A	N/A	N/A	N/A	N/A	55.4	N/A	28.5	22.0	0.0
SS Vent-LIHA*	3.786	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Vapor Point-1/Slope 1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SVE-3A	1.913	N/A	N/A	N/A	N/A	N/A	N/A	48.5	N/A	17.5	7.1	40.1
SVE-3B	1.913	N/A	N/A	N/A	N/A	N/A	N/A	49.8	N/A	40.5	30.8	45.5
Background		N/A	N/A	N/A	N/A	N/A	N/A	54.1	N/A	13	5.5	N/A

Equipment calibrated by: Carol DiGuardia
Air readings collected by: Carol DiGuardia
FID: Flame Ionization Detector
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

[1]Formerly Post SVE Carbon
[2]Formerly Post Air Stripper Carbon
[3]Formerly Sub-Slab A,B, and C
[4]Formerly Sub-Slab D
[5]Formerly Sub-Slab B
NA- Not Available

	Prior to 10/3/05	After 10/3/05
SVE 1	shallow on	shallow and medium on
SVE 2	shallow on	shallow on
SVE 3	shallow on	shallow on
SVE 4	off	off
EPA-SVE-04R/SSB(A)	on	on
SS-A	on	on
SS-B(B)	on	off
SS-B(C)	on	on
L1	on	on
L2	on	off

Comments:
New SVE well EPA-EXT-04 online since 11/4/04
Sub-slab sample ports online since 3/22/05
L2 is offline
*- SS Vent-LIHA is offline
New port needs to be added for EPA-SVE-2 (medium)- no velocity readings could be taken
^No %relative humidity and dewpoint data for these points because of meter malfunction.

STANTON CLEANERS AREA GROUNDWATER
CONTAMINATION SITE
Soil-Vapor Extraction and Pump and Treat System
Bi-Weekly Air Monitoring Log

Date: 4-30-08
Project #

		FID	MultiRAE Plus PGM-50					VelociCalc Plus				
	Pipe ID	VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pre.	%RH	Dew pt.	Flow
SVE-Influent	5.709	N/A	6.8	4	20.0%	0	0	82.4	NA	35.8	57.4	535
Post Air Stripper	11.294	N/A	0.0	0	20.9%	0	0	60.0	NA	95.9	59.0	700
SVE-Effluent[1]	5.706	N/A	0.0	4	20.0%	0	0	65.1	NA	38.7	48.7	457
GW Post Vapor Effluent[2]	11.294	N/A	0.0	0	20.9%	0	0	59.9	NA	82.3	53.6	1440
EPA-SVE-1 (shallow)	1.913	N/A	0.0	0	20.9%	0	0	60.1	NA	28.4	27.3	3.1
EPA-SVE-1 (medium)	1.913	N/A	0.0	0	20.9%	0	0	59.0	NA	68.2	47.1	0.3
EPA-SVE-2 (shallow)	1.913	N/A	0.0	0	20.9%	0	0	58.9	NA	24.6	25.3	8.7
EPA-SVE-2 (medium)	1.913	N/A	Sampling port vertical									
SS-A	1.913	N/A	0.0	4	20.9%	0	0	64.8	NA	16.9	19.4	4.1
EPA-SVE-04R/SS-B(A)	1.913	N/A	25.2	11	20.9%	0	0	62.0	NA	44.8	29.3	2.8
SS-B-C	1.913	N/A	pallets from gas station									
SS-C	1.913	N/A	0.0	0	20.9%	0	0	60.1	NA	45.8	37.8	0.9
L1	1.913	N/A	0.0	1	20.9%	0	0	57.8	NA	28.6	26	32.3
L2	1.913	N/A	Off line									
SS-B(B)	1.913	N/A	0	0	20.9%	0	0	66.0	NA	44.5	52.9	2.9
SS Vent-LIHA*	3.786	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA
Vapor Point-1/Slope 1		N/A	0.0	0	20.9%	0	0	NA	NA	NA	NA	NA
SVE-3A	1.913	N/A	0.0	1	20.9%	0	0	Over				
SVE-3B	1.913	N/A	0.0	1	20.9%	0	0	57.5	NA	61.6	42.5	41.1
Background		N/A	0.0	3	20.9%	0	0	57.1	NA	43	35.2	

Equipment calibrated by: Carol DiGuardia
Air readings collected by: Carol DiGuardia
FID: Flame Ionization Detector
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

[1]Formerly Post SVE Carbon
[2]Formerly Post Air Stripper Carbon
[3]Formerly Sub-Slab A,B, and C
[4]Formerly Sub-Slab D
[5]Formerly Sub-Slab B
NA- Not Available

	Prior to 10/3/05	After 10/3/05
SVE 1	shallow on	shallow and medium on
SVE 2	shallow on	shallow on
SVE 3	shallow on	shallow on
SVE 4	off	off
EPA-SVE-04R/SSB(A)	on	on
SS-A	on	on
SS-B(B)	on	off
SS-B(C)	on	on
L1	on	on
L2	on	off

Comments:
New SVE well EPA-EXT-04 online since 11/4/04
Sub-slab sample ports online since 3/22/05
L2 is offline
*- SS Vent-LIHA is offline
New port needs to be added for EPA-SVE-2 (medium)- no velocity readings could be taken
^No %relative humidity and dewpoint data for these points because of meter malfunction.

STANTON CLEANERS AREA GROUNDWATER
CONTAMINATION SITE
Soil-Vapor Extraction and Pump and Treat System
Bi-Weekly Air Monitoring Log

Date: May 15, 2008
Project #

		FID	MultiRAE Plus PGM-50					VelociCalc Plus				
	Pipe ID	VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pre.	%RH	Dew pt.	Flow
SVE-Influent	**5.709**	N/A	7.5	0	20.0%	0	0	103.7	N/A	24.0	63.0	48
Post Air Stripper	**11.294**	N/A	0.0	0	20.9%	0	0	65.1	N/A	81.3	56.0	3190
SVE-Effluent[1]	**5.706**	N/A	0.0	0	20.9%	0	0	72.3	N/A	64.1	57.6	93
GW Post Vapor Effluent[2]	**11.294**	N/A	0.0	0	20.9%	0	0	61.1	N/A	90.7	58.2	1435
EPA-SVE-1 (shallow)	**1.913**	N/A	0.0	0	20.9%	0	0	75.9	N/A	100.0	75.3	3.6
EPA-SVE-1 (medium)	**1.913**	N/A	0.0	0	20.9%	0	0	75.4	N/A	100.0	75.5	0.1
EPA-SVE-2 (shallow)	**1.913**	N/A	0.0	0	20.9%	0	0	71.0	N/A	100.0	71.9	1.3
EPA-SVE-2 (medium)	**1.913**	N/A	Vertical sampling port									
SS-A	**1.913**	N/A	0.0	0	20.9%	0	0	71.4	N/A	67.2	58.4	3.2
EPA-SVE-04R/SS-B(A)	**1.913**	N/A	0.0	0	20.9%	0	0	73.3	N/A	71.8	65.3	3.4
SS-B-C	**1.913**	N/A	0.0	0	20.9%	0	0	70.9	N/A	88.8	67.0	4.4
SS-C	**1.913**	N/A	0.0	0	20.9%	0	0	69.7	N/A	100.0	69.5	4.6
L1	**1.913**	N/A	0.0	0	20.9%	0	0	71.2	N/A	81.2	59.5	35.9
L2	**1.913**	N/A	OFF LINE									
SS-B(B)	**1.913**	N/A	0.0	0	20.9%	0	0	73.7	N/A	100.0	74.0	3.5
SS Vent-LIHA*	**3.786**	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Vapor Point-1/Slope 1		N/A	0.0	0	20.9%	0	0	N/A	N/A	N/A	N/A	N/A
SVE-3A	**1.913**	N/A	0.0	0	20.9%	0	0	OVER				
SVE-3B	**1.913**	N/A	0.0	0	20.9%	0	0	70.6	N/A	54.4	55.0	47.4
Background		0.0	0.0	0	20.9%	0	0	70.7	N/A	58	56.9	N/A

Equipment calibrated by: Carol DiGuardia
Air readings collected by: Carol DiGuardia
FID: Flame Ionization Detector
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

[1]Formerly Post SVE Carbon
[2]Formerly Post Air Stripper Carbon
[3]Formerly Sub-Slab A,B, and C
[4]Formerly Sub-Slab D
[5]Formerly Sub-Slab B
NA- Not Available

	Prior to 10/3/05	**After 10/3/05**
SVE 1	shallow on	shallow and medium on
SVE 2	shallow on	shallow on
SVE 3	shallow on	shallow on
SVE 4	off	off
EPA-SVE-04R/SSB(A)	on	on
SS-A	on	on
SS-B(B)	on	off
SS-B(C)	on	on
L1	on	on
L2	on	off

*-SS Vent-LIHA is offline

Comments:
New SVE well EPA-EXT-04 online since 11/4/04
Sub-slab sample ports online since 3/22/05
L2 is offline
New port needs to be added for EPA-SVE-2(medium)- no velocity readings could be taken

STANTON CLEANERS AREA GROUNDWATER
CONTAMINATION SITE
Soil-Vapor Extraction and Pump and Treat System
Bi-Weekly Air Monitoring Log

Date: June 2, 2008
Project #

		FID	MultiRAE Plus PGM-50					VelociCalc Plus				
	Pipe ID	VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pre.	%RH	Dew pt.	Flow
SVE-Influent	**5.709**	N/A	7.2	0	20.0%	0	0	111.1	N/A	19.3	57.2	112
Post Air Stripper	**11.294**	N/A	0.0	0	20.9%	0	0	62.2	N/A	73.9	56.3	1105
SVE-Effluent[1]	**5.706**	N/A	0.0	0	20.0%	0	0	83.5	N/A	54.1	64.5	100
GW Post Vapor Effluent[2]	**11.294**	N/A	0.0	0	20.9%	0	0	68.0	N/A	76.9	57.0	1125
EPA-SVE-1 (shallow)	**1.913**	N/A	0.0	0	20.9%	0	0	78.8	N/A	41.2	53.5	60.5
EPA-SVE-1 (medium)	**1.913**	N/A	0.0	0	20.9%	0	0	79.7	N/A	40.1	54.9	13.2
EPA-SVE-2 (shallow)	**1.913**	N/A	0.0	0	20.9%	0	0	81.2	N/A	41.1	55.0	2.6
EPA-SVE-2 (medium)	**1.913**	N/A	Vertical sampling port									
SS-A	**1.913**	N/A	0.0	0	20.9%	0	0	84.2	N/A	32.2	51.2	3.1
EPA-SVE-04R/SS-B(A)	**1.913**	N/A	0.0	0	20.9%	0	0	80.0	N/A	66.1	65.3	1.4
SS-B-C	**1.913**	N/A	0.0	0	20.9%	0	0	80.9	N/A	57.0	63.9	0.5
SS-C	**1.913**	N/A	4.3	0	20.4%	0	0	79.3	N/A	44.2	55.2	0.0
L1	**1.913**	N/A	0.0	0	20.9%	0	0	79.2	N/A	55.4	60.3	42.3
L2	**1.913**	N/A	Offline									
SS-B(B)	**1.913**	N/A	0.0	0	20.9%	0	0	80.8	N/A	53.1	61.9	0.2
SS Vent-LIHA*	**3.786**	N/A	0.0	0	20.9%	0	0	78.0	N/A	40.5	53.0	58.0
Vapor Point-1/Slope 1		N/A	0.0	0	20.9%	0	0	N/A	N/A	N/A	N/A	N/A
SVE-3A	**1.913**	N/A	0.0	0	20.9%	0	0	Over-flow too strong				
SVE-3B	**1.913**	N/A	0.0	0	20.9%	0	0	77.6	N/A	46.3	63.4	52.0
Background		0.0	0.0	0	20.9%	0	0	75.5	N/A	60	64.5	N/A

Equipment calibrated by: Carol DiGuardia
Air readings collected by: Carol DiGuardia

FID: Flame Ionization Detector
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

[1]Formerly Post SVE Carbon
[2]Formerly Post Air Stripper Carbon
[3]Formerly Sub-Slab A,B, and C
[4]Formerly Sub-Slab D
[5]Formerly Sub-Slab B
NA- Not Available

	Prior to 10/3/05	**After 10/3/05**
SVE 1	shallow on	shallow and medium on
SVE 2	shallow on	shallow on
SVE 3	shallow on	shallow on
SVE 4	off	off
EPA-SVE-04R/SSB(A)	on	on
SS-A	on	on
SS-B(B)	on	off
SS-B(C)	on	on
L1	on	on
L2	on	off

Comments:

New SVE well EPA-EXT-04 online since 11/4/04
Sub-slab sample ports online since 3/22/05
L2 is offline

New port needs to be added for EPA-SVE-2(medium)- no velocity readings could be taken

STANTON CLEANERS AREA GROUNDWATER
CONTAMINATION SITE
Soil-Vapor Extraction and Pump and Treat System
Bi-Weekly Air Monitoring Log

Date: June 16, 2008
Project #

		FID	MultiRAE Plus PGM-50					VelociCalc Plus				
	Pipe ID	VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pre.	%RH	Dew pt.	Flow
SVE-Influent	**5.709**	N/A	6.5	0	19.9%	0	0	111.6	N/A	26.4	68.6	106
Post Air Stripper	**11.294**	N/A	0.0	0	20.9%	0	0	59.5	N/A	98.4	59.1	1080
SVE-Effluent[1]	**5.706**	N/A	0.0	1	19.8%	0	0	83.0	N/A	57.5	64.3	103
GW Post Vapor Effluent[2]	**11.294**	N/A	0.0	0	20.9%	0	0	62.1	N/A	89.4	59.1	1100
EPA-SVE-1 (shallow)	**1.913**	N/A	0.0	0	20.9%	0	0	72.0	N/A	84.7	68.0	54.0
EPA-SVE-1 (medium)	**1.913**	N/A	0.0	0	20.9%	0	0	72.4	N/A	83.3	67.1	25.2
EPA-SVE-2 (shallow)	**1.913**	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EPA-SVE-2 (medium)	**1.913**	N/A	0	2	20.9%	0	0	73.3	N/A	90.8	70.5	5.8
SS-A	**1.913**	N/A	0.0	2	20.9%	0	0	73.8	N/A	76.6	66.3	3.9
EPA-SVE-04R/SS-B(A)	**1.913**	N/A	0.0	0	20.9%	0	0	73.1	N/A	86.3	68.6	0.5
SS-B-C	**1.913**	N/A	1.5	0	20.9%	0	0	81.4	N/A	81.2	75.3	0.0
SS-C	**1.913**	N/A	0.3	0	20.9%	0	0	75.6	N/A	90.6	72.1	0.7
L1	**1.913**	N/A	0.0	0	20.9%	0	0	70.9	N/A	100.0	70.5	45.8
L2	**1.913**	N/A	Offline									
SS-B(B)	**1.913**	N/A	0.0	0	20.9%	0	0	73.5	N/A	85.9	68.4	0.2
SS Vent-LIHA*	**3.786**	N/A	0.0	0	20.9%	0	0	74.3	N/A	76.8	66.9	60.0
Vapor Point-1/Slope 1		N/A	0.0	0	20.9%	0	0	N/A	N/A	N/A	N/A	N/A
SVE-3A	**1.913**	N/A	0.0	0	20.9%	0	0	Over-flow too strong				
SVE-3B	**1.913**	N/A	0.0	0	20.9%	0	0	67.3	N/A	89.9	65.1	52.0
Background		0.0	0.0	0	20.9%	0	0	73.8	N/A	81	66.8	N/A

Equipment calibrated by: Carol DiGuardia
Air readings collected by: Carol DiGuardia

FID: Flame Ionization Detector
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

[1]Formerly Post SVE Carbon
[2]Formerly Post Air Stripper Carbon
[3]Formerly Sub-Slab A,B, and C
[4]Formerly Sub-Slab D
[5]Formerly Sub-Slab B
NA- Not Available

	Prior to 10/3/05	**After 10/3/05**
SVE 1	shallow on	shallow and medium on
SVE 2	shallow on	shallow on
SVE 3	shallow on	shallow on
SVE 4	off	off
EPA-SVE-04R/SSB(A)	on	on
SS-A	on	on
SS-B(B)	on	off
SS-B(C)	on	on
L1	on	on
L2	on	off

Comments:

New SVE well EPA-EXT-04 online since 11/4/04
Sub-slab sample ports online since 3/22/05
L2 is offline
New port needs to be added for EPA-SVE-2(shallow)- n

Appendix G

Semi-Annual Groundwater Sampling Trip Report

Trip report is included under separate cover.

Appendix H

Historical Groundwater Level Monitoring Results (Ongoing)

WATER LEVEL DATA SUMMARY

PROJECT:	Stanton Cleaners	**JOB NUMBER:**	
LOCATION:	Great Neck, NY	**DATE:**	4/28/2008
CLIENT:	USACE / USEPA	**MEASURED BY:**	Frank Mahalski
SURVEY DATUM:	ft msl		Carol DiGuardia
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)			
CL-1D	ft BTOC	27.63	17.78	9.85	
CL-4D	ft BTOC	20.30	16.18	4.12	
ST-MW-11	ft BTOC	75.25	58.80	16.45	
ST-MW-12	ft BTOC	87.20	70.35	16.85	
ST-MW-14	ft BTOC	69.73	54.23	15.50	
ST-MW-15	ft BTOC	90.13	NA*	NA	
ST-MW-16	ft BTOC	75.78	53.84	21.94	
ST-MW-17	ft BTOC	86.53	69.73	16.80	
ST-MW-19	ft BTOC	82.50	65.69	16.81	
ST-MW-20	ft BTOC	84.53	70.35	14.18	
EPA-MW-11D	ft BTOC	74.63	58.12	16.51	
EPA-MW-21	ft BTOC	84.13	65.39	18.74	
EPA-MW-22	ft BTOC	82.20	63.03	19.17	
EPA-MW-23	ft BTOC	82.83	63.50	19.33	
EPA-MW-26	ft BTOC	78.37	NA*	NA	
EPA-MW-27	ft BTOC	69.32	50.69	18.63	

Notes: Water levels were measured from 09:00- 11:00 on 4/28/2008.
WAGGN wells pumping: Pump 2 at 1000 gpm Pump 11 at 1000 gpm
Pump 10 at 1000 gpm Pump 12 at 1300 gpm

* Rainwater infiltrating wells made measurement inaccurate.

WATER LEVEL DATA SUMMARY

PROJECT:	Stanton Cleaners	**JOB NUMBER:**	
LOCATION:	Great Neck, NY	**DATE:**	5/15/2008
CLIENT:	USACE / USEPA	**MEASURED BY:**	
SURVEY DATUM:	ft msl		
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	58.51	16.12	
EPA-MW-21	ft BTOC	84.13	65.66	18.47	
EPA-MW-22	ft BTOC	82.20	63.32	18.88	
EPA-MW-23	ft BTOC	82.83	63.83	19.00	
EPA-MW-27	ft BTOC	69.32	51.07	18.25	
ST-MW-02	ft BTOC	82.03	N/A	N/A	Abandoned
ST-MW-06	ft BTOC	69.83	45.29	24.54	
ST-MW-09	ft BTOC	78.13	63.24	14.89	
ST-MW-11	ft BTOC	75.25	59.24	16.01	
ST-MW-12	ft BTOC	87.20	70.72	16.48	
ST-MW-14	ft BTOC	69.73	55.20	14.53	
ST-MW-16	ft BTOC	75.78	53.95	21.83	
ST-MW-17	ft BTOC	86.53	70.10	16.43	
ST-MW-19	ft BTOC	82.50	66.08	16.42	
ST-MW-20	ft BTOC	84.53	71.20	13.33	

Notes: Water levels were measured from 08:50 to 10:36, May 15, 2008.
WAGGN wells pumping: Well 9 - 1000 gpm Well 11- 1000 gpm
Well 10- 1000 gpm Well 12- 1300 gpm

* Rainwater infiltrating wells made measurement inaccurate.

WATER LEVEL DATA SUMMARY

PROJECT:	Stanton Cleaners	JOB NUMBER:	
LOCATION:	Great Neck, NY	DATE	6/16/2008
CLIENT:	USACE / USEPA	MEASURED BY:	
SURVEY DATUM:	ft msl		
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	58.08	16.55	
EPA-MW-21	ft BTOC	84.13	65.51	18.62	
EPA-MW-22	ft BTOC	82.20	63.21	18.99	
EPA-MW-23	ft BTOC	82.83	63.69	19.14	
EPA-MW-27	ft BTOC	69.32	50.84	18.48	
ST-MW-02	ft BTOC	82.03			abandoned
ST-MW-06	ft BTOC	69.83	46.06	23.77	
ST-MW-09	ft BTOC	78.13	62.94	15.19	
ST-MW-11	ft BTOC	75.25	58.87	16.38	
ST-MW-12	ft BTOC	87.20	70.44	16.76	
ST-MW-14	ft BTOC	69.73	54.11	15.62	
ST-MW-16	ft BTOC	75.78	53.95	21.83	
ST-MW-17	ft BTOC	86.53	69.81	16.72	
ST-MW-19	ft BTOC	82.50	65.75	16.75	
ST-MW-20	ft BTOC	84.53	70.14	14.39	

Notes: WAGGN pumps operating during water level readings:
 # 2- 1000 gpm #6- 1100 gpm
#10- 1000 gpm
 # 12- 1500 gpm

Well ID	Top of PVC Elevation (ft msl)	1/10/2007		2/7/2007		3/7/2007		5/3/2007		6/13/2007	
		DTW (ft BTOC)	Elevation (ft msl)	DTW (ft BTOC)	Elevation (ft msl)	DTW (ft BTOC)	Elevation (ft msl)	DTW (ft BTOC)	Elevation (ft msl)	DTW (ft BTOC)	Elevation (ft msl)
EPA-MW-11D	74.63	--	--	58.29	16.34	58.01	16.62	57.82	16.81	57.24	17.39
EPA-MW-21	84.13	65.84	18.29	65.35	18.78			64.89	19.24	64.49	19.64
EPA-MW-22	82.2	63.51	18.69	63.11	19.09	62.89	19.31	62.91	19.29	62.22	19.98
EPA-MW-23	82.83	64.09	18.74	63.63	19.2	63.42	19.41	63.13	19.70	64.14	18.69
EPA-MW-27	69.32	51.38	17.94	50.7	18.62	50.58	18.74	50.32	19.00	49.85	19.47
ST-MW-02	82.03	63.39	18.64	62.94	19.09	62.79	19.24	62.46	19.57	62.07	19.96
ST-MW-06	69.83	44.85	24.98	46.28	23.55	45.05	24.78	43.21	26.62	44.08	25.75
ST-MW-09	78.13	63.54	14.59	62.59	15.54	62.36	15.77	63.02	15.11	62.40	15.73
ST-MW-11	75.25	--	--	58.95	16.3	58.58	16.67	58.47	16.78	58.08	17.17
ST-MW-12	87.2	70.89	16.31	70.3	16.9	70.02	17.18	69.92	17.28	69.54	17.66
ST-MW-14	69.73	55.64	14.09	55.2	14.53	54.39	15.34	54.59	15.14	53.73	16.00
ST-MW-16	75.78	54.1	21.68	54.14	21.64	54.17	21.61	53.42	22.36	52.92	22.86
ST-MW-17	86.53	70.37	16.16	67.7	18.83	69.49	17.04	74.71	11.82	74.31	12.22
ST-MW-19	82.5	66.26	16.24	64.7	17.8	65.42	17.08	64.32	18.18	64.50	18.00
ST-MW-20	84.53	71.63	12.9	71.17	13.36	70.63	13.9	70.57	13.96	69.85	14.68

Well ID	Top of PVC Elevation (ft msl)	10/29/2007		12/21/07		02/21/08		03/05/08		06/16/08	
		DTW (ft BTOC)	Elevation (ft msl)	DTW (ft BTOC)	Elevation (ft msl)	DTW (ft BTOC)	Elevation (ft msl)	DTW (ft BTOC)	Elevation (ft msl)	DTW (ft BTOC)	Elevation (ft msl)
EPA-MW-11D	74.63	58.52	16.11	57.50	17.13	57.39	17.24	57.74	16.89	58.08	16.55
EPA-MW-21	84.13	65.61	18.52	65.41	18.72	68.50	15.63	65.11	19.02	65.51	18.62
EPA-MW-22	82.20	63.31	18.89	62.90	19.30	62.78	19.42	62.82	19.38	63.21	18.99
EPA-MW-23	82.83	63.38	19.45	63.38	19.45	63.27	19.56	63.32	19.51	63.69	19.14
EPA-MW-27	69.32	51.07	18.25	50.41	18.91	50.32	19.00	50.42	18.90	50.84	18.48
ST-MW-02	82.03						82.03				
ST-MW-06	69.83		69.83	45.85	23.98	45.31	24.52	45.40	24.43	46.06	23.77
ST-MW-09	78.13	63.19	14.94	62.49	15.64	62.36	15.77	62.53	15.60	62.94	15.19
ST-MW-11	75.25	59.15	16.10	58.52	16.73	58.08	17.17	58.43	16.82	58.87	16.38
ST-MW-12	87.20	70.59	16.61	70.15	17.05	69.66	17.54	69.98	17.22	70.44	16.76
ST-MW-14	69.73	55.46	14.27	53.15	16.58	53.25	16.48	53.88	15.85	54.11	15.62
ST-MW-16	75.78	53.63	22.15	53.92	21.86	54.03	21.75	53.86	21.92	53.95	21.83
ST-MW-17	86.53	70.07	16.46	69.30	17.23	69.12	17.41	69.39	17.14	69.81	16.72
ST-MW-19	82.50	65.97	16.53	65.38	17.12	65.19	17.31	65.32	17.18	65.75	16.75
ST-MW-20	84.53	71.46	13.07	69.39	15.14	69.34	15.19	70.01	14.52	70.14	14.39

Appendix I

Indoor Air Quality Sampling Trip Report

Sampling Trip Report

Site Name: Stanton Cleaners Area Groundwater Contamination Site
CERCLIS ID Number: NYD047650197
Sampling Dates: April 30-May 1, 2008
CLP Case Number: N/A
Site Location: 110 Cutter Mill Road, Great Neck, NY 110121
Sample Description: 24 hour Indoor Air Sampling

Sample Procedure: Eight air samples were collected following procedures for analysis of volatile organic compounds (VOCs) via EPA Method TO-15. Six-liter canister/passive samplers ("Summa" canisters) fitted with 24-hour control valves were used to collect the samples. Samples were taken at the Silverstein Hebrew Academy (SHA), Long Island Hebrew Academy (LIHA), the Stanton Cleaner Site Treatment building and outside the Treatment building (ambient). At the end of the sampling period, the canister valve was closed, capped and the sampling times and final canister pressures were recorded on the identification tag that had been attached to the Summa canisters prior to sampling. Sample documentation was completed and chain of custody records were prepared.

Laboratories Receiving Samples:

Case Number	Sample Type	Name and Address of Laboratory
N/A	EPA-TO-15	Data Chem Laboratories (DCL) 960 West LeVoy Drive Salt Lake City, Utah 84123

Sample Dispatch Data:

On May 1, 2008, eight air samples (SHA Floor 1, SHA Floor 1-A, SHA Floor 2, LIHA Floor 1, LIHA Floor 1-A, LIHA Ground, SC Floor 2, and Ambient) were shipped to Data Chem Laboratories (DCL) in Salt Lake City, UT for analysis via EPA method TO-15.

FedEx Airbill No.	Number of boxes	Number and type of samples	Time and date of shipping
855367808400	3	8 air samples for analysis by EPA Method TO-15	5/1/08 @ 12:21 to DCL

Sampling Personnel:

Name	Organization	Site Duties
Carol DiGuardia	NEIE	Sampler/Sample management

Frank Mahalski	NEIE	Sampler/Sample management

Sample Numbers and Collection Points:

A table with a list of all air sample collection points and their assigned sample numbers is included in Appendix A. The Chain of Custody forms and Analytical Request form are included in Appendix B. The FedEx airbill is included in Appendix C.

Additional Comments:

Eight air samples were collected over a 24-hour period from 08:00 April 30 to 08:00 May 1, 2008. A pair of duplicate canisters was placed in classroom 102 at SHA. A canister was also placed in classroom 202 at SHA. A pair of duplicate canisters was placed in classroom 22A at LIHA. A canister was also placed in classroom 3A at LIHA. Canisters were also placed on the 2nd floor and outside the Stanton Cleaners site treatment building. All canisters were placed approximately 3 feet from the floor or ground.

Appendix A

Sample Number and Collection Point Table

Stanton Cleaners Groundwater Contamination Site
Indoor Air Quality Sampling (Summa Canister)
April 30-May 1, 2008

Sample ID	Analytical method	Location	Start date/time	End date/time	Total time	Initial and final press.	Canister number	Valve number
SHA Floor 1	EPA-TO-15	Room 102	4/30/08 08:08	5/1/08 08:05	23:57	Initial:28" Final: 0"	108003	108828
SHA Floor 1-A	EPA-TO-15	Room 102 (Duplicate)	4/30/08 08:08	5/1/08 08:05	23:57	Initial:>30" Final: 6"	108678	108952
SHA-Floor 2	EPA-TO-15	Room 202	4/30/08 08:13	5/1/08 08:07	23:54	Initial:>30 Final:0"	108854	108823
LIHA Floor 1	EPA-TO-15	Room 22A	4/30/08 08:23	5/1/08 08:23	24:00	Initial:>30 Final:17"	108731	108610
LIHA Floor 1-A	EPA-TO-15	Room 22A (Duplicate)	4/30/08 08:23	5/1/08 08:23	24:00	Initial:>30 Final:0.5"	108864	108943
LIHA Ground	EPA-TO-15	Room 3A	4/30/08 08:26	5/1/08 08:24	23:58	Initial:>30" Final:0"	107058	107046
SC Floor 2	EPA-TO-15	Treatment Bldg. 2nd floor	4/30/08 08:32	5/1/08 08:30	23:58	Initial:>30" Final: 2.5"	107001	108620
Ambient	EPA-TO-15	Parking Lot	4/30/08 08:34	5/1/08 08:31	23:57	Initial:30" Final:0"	107103	108551

Notes: LIHA-Long Island Hebrew Academy, SHA-Silverstein Hebrew Academy, SC- Stanton Cleaners

Appendix B

Analytical Request Form and Chain of Custody

ANALYTICAL REQUEST FORM

DATA CHEM LABORATORIES, INC.

1. ☐ REGULAR Status

☐ RUSH Status Requested - ADDITIONAL CHARGE
RESULTS REQUIRED BY _____ DATE
CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES

2. Date 5/1/08 Purchase Order No. _____

3. Company Name ECC

Address 1125 US Hwy 22 #210

Person to Contact Dave Miller

Telephone (732) 735-4642

Fax Telephone ( )

E-mail Address dmiller@ecc.net

Billing Address (if different from above)

4. Quote No. _____

DCL Project Manager Paul Pape

5. Sample Collection

Sampling Site Stanton Cleaners

Industrial Process _____

Date of Collection 4/30 - 5/1/08

Time Collected 8:00 - 8:30 AM

Date of Shipment 5/1/08

Chain of Custody No. _____

6. How did you first learn about DataChem?

Used before

7. REQUEST FOR ANALYSES

Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**
	Ambient	Air	6L	EPA-TO-15	ug/m³
	SHA Floor 1-A	↓	↓		
	SHA Floor 1				
	SHA Floor 2				
	LHA Floor 1				
	LHA Ground				
	LHA Floor 1-A				
	SC Floor 2	↓	↓		

* Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk sample; Blood; Urine; Tissue; Soil; Water; Other

** 1. µg/sample 2. mg/m³ 3. ppm 4. % (5.) µg/m³ 6. ____ (other) Please indicate one or more units in the column entitled Units**

Comments 2 canisters not used ⇒ # 108185, 108509 Values 108784, 108552
4 units 4µg/m³ down to 1 ppb

Possible Contamination and/or Chemical Hazards Tetrachloroethylene (PCE), Trichloroethene (TCE)

7. Chain of Custody (Optional)

Relinquished by	Carol DeMarco	Date/Time	5/1/08 11:00 AM
Received by		Date/Time	
Relinquished by		Date/Time	
Received by		Date/Time	

960 West LeVoy Drive / Salt Lake City, UT 84123 800-356-9135 or 801-266-7700 / FAX: 801-268-9992
DATACHEM LABORATORIES, INC.

DataChem Laboratories, Inc.
CANISTER CHAIN-OF-CUSTODY AND FIELD DATA RECORD

Client: Stanton Cleaners
Account No: 7003

Project/Job/Task:

Please do not apply adhesive labels directly on Canisters
Manilla tags are provided, attached to Canisters for your convenience, to apply adhesive labels

Canister Serial No.:	Date Cleaned	Initial Vacuum (inches of Hg vacuum)	VFR flow rate (ml/min)	Initials:	Field Vacuum before sampling (inches of Hg vacuum)	Final Vacuum after sampling (Inches of Hg vacuum)	Client Sample Identification	Other Client Information	DataChem Labs use only
108731	4/15/08	>25		JL	>30"	17"	LHA Floor 1	24:00 EPA-TO-15	
107001	4/18/08	>25		JL	>30"	2.5"	SC Floor 2	23:58 EPA TO-15	
107058	4/18/08	>25		JL	>30"	0"	LHA Ground	23:58 EPA TO-15	
108688	4/18/08	>25		JL	Not used				
108809	4/18/08	>25		JL	Not used				
VFR Serial No.:									
108784	4/25/08		~3.8	JL		Not used			
108952	4/25/08		~3.8	JL	>30"	6"	SHA Floor 1A	23:57 EPA-TO-15	
107046	4/25/08		3.8	JL	>30"	0"	LHA Ground	23:56 EPA-TO-15	
108552	4/25/08		~3.8	JL		Not used			
108943	4/25/08		~3.8	JL	>30"	0.5	LHA Floor 1A	24:00 EPA-TO-15	

Original Field Sample Chain-of-Custody

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Reason for Transfer/Storage Location
	4/25/08 7:30	Carol Richmond 4/28 10:00	
Carol Richmond	5/1/08 11:00		shipped back

Return to:
DataChem Laboratories, Inc.
960 W. LeVoy Drive
Salt Lake City, UT 84123
800-356-9135

If canisters are kept for longer than the original project scheduled sampling, a $40 per can - per week rental fee will be assessed. If a project is cancelled after DCL has shipped cans, in addition to the cost of the initial shipping, a $40 weekly rental fee will be charged for each unused can until they are returned to DCL.

DataChem Laboratories, Inc.

CANISTER CHAIN-OF-CUSTODY AND FIELD DATA RECORD

Client: Stanton Clemens

Account No: 7003

Project/Job/Task:

Please do not apply adhesive labels directly on Canisters

Manilla tags are provided, attached to Canisters for your convenience, to apply adhesive labels

Canister Serial No.:	Date Cleaned	Initial Vacuum (Inches of Hg vacuum)	VFR flow rate (ml/min)	Initials:	Field Vacuum before sampling (Inches of Hg vacuum)	Final Vacuum after sampling (Inches of Hg vacuum)	Client Sample Identification	Other Client Information	DataChem Labs use only
107103	4/14/08	>25			30"	0"	Ambient	23:57 EPA-TO-15	
108678	4/14/08	>25			>30"	6"	SHA Floor 1-A	23:57 EPA-TO-15	
108003	4/15/08	>25			28"	0"	SHA Floor 1	23:57 EPA-TO-15	
108854	4/15/08	>25			>30"	0"	SHA Floor 2	23:54 EPA-TO-15	
108864	4/15/08	>25			>30"	0.5"	LHA Floor 1A	24:00 EPA-TO-15	
VFR Serial No.:									
108828	4/25/08		~3.9		28"	0"	SHA Floor 1	23:57 EPA-TO-15	
108626	4/25/08				>30"	2.5"	SC Floor 2	23:58 EPA-TO-15	
108610	4/25/08				>30"	17"	LHA Floor 1	24:00 EPA-TO-15	
108551	4/25/08				30"	0"	Ambient	23:57 EPA-TO-15	
108823	4/25/08				>30"	0"	SHA Floor 2	23:54 EPA-TO-15	

Original Field Sample Chain-of-Custody

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Reason for Transfer/Storage Location
[signature]	4/24/08 7:00	[signature] 4/28 10:00	
[signature]	5/1/08		Ship to lab

Return to:
DataChem Laboratories, Inc.
960 W. LeVoy Drive
Salt Lake City, UT 84123
800-356-9135

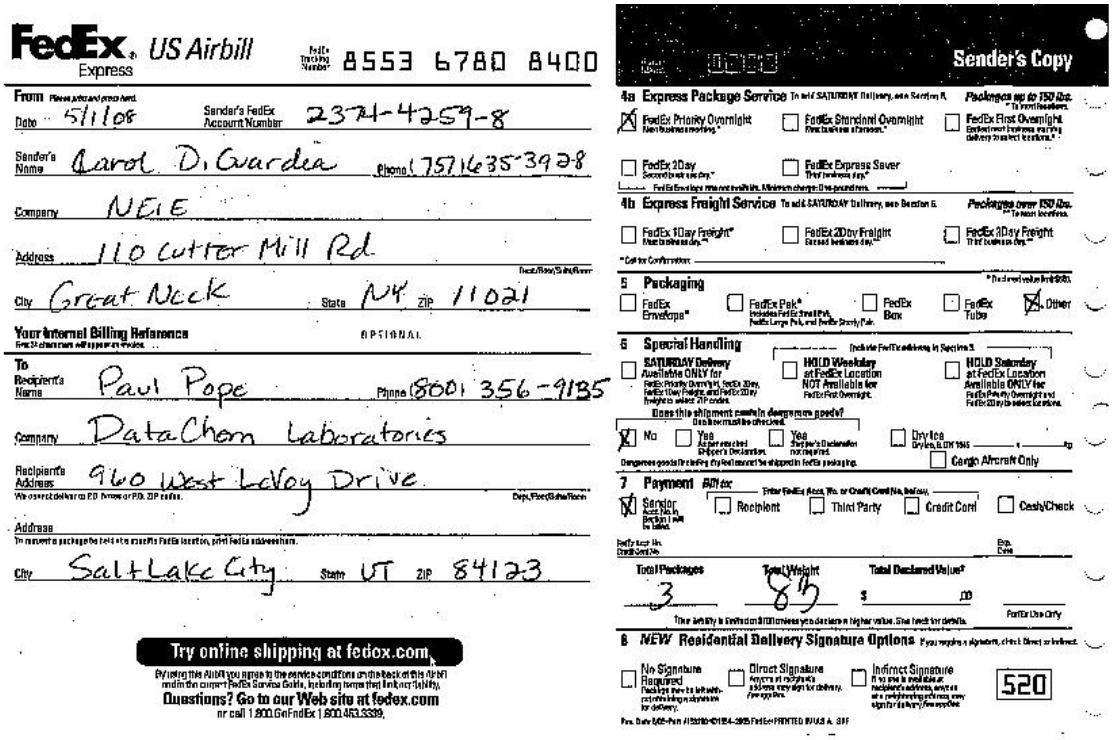
If canisters are kept for longer than the original project scheduled sampling, a $40 per can - per week rental fee will be assessed. If a project is cancelled after DCL has shipped cans, in addition to the cost of the initial shipping, a $40 weekly rental fee will be charged for each unused can until they are returned to DCL.

M:/roxy/forms/CanisterCOC.xls

4/23/2008

Appendix C

FedEx Airbill



FedEx Express US Airbill

FedEx Tracking Number 8553 6780 8400

Sender's Copy

From (Please print and press hard.)

Date 5/11/08 Sender's FedEx Account Number 2371-4259-8

Sender's Name Carol D. Guardia Phone (757) 635-3928

Company NEIE

Address 110 Cutter Mill Rd

City Great Neck State NY ZIP 11021

Your Internal Billing Reference OPTIONAL

To

Recipient's Name Paul Pope Phone (800) 356-9135

Company DataChem Laboratories

Recipient's Address 960 West LeVoy Drive

Address

City Salt Lake City State UT ZIP 84123

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

[X] FedEx Priority Overnight — Next business morning.

[ ] FedEx Standard Overnight — First business afternoon.

[ ] FedEx First Overnight — Earliest next business morning delivery to select locations.

[ ] FedEx 2Day — Second business day.

[ ] FedEx Express Saver — Third business day.

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.

5 Packaging

[ ] FedEx Envelope [ ] FedEx Pak [ ] FedEx Box [ ] FedEx Tube [X] Other

6 Special Handling

[ ] SATURDAY Delivery — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx First Overnight, 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?

[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:

[X] Sender [ ] Recipient [ ] Third Party [ ] Credit Card [ ] Cash/Check

Total Packages: 3 Total Weight: 8 lb Total Declared Value*: $ .00

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

8 NEW Residential Delivery Signature Options

[ ] No Signature Required [ ] Direct Signature [ ] Indirect Signature

520

Try online shipping at fedex.com

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

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

Appendix J

Action Lists

APRIL – JUNE 2008 ACTION LIST SUMMARY

PROJECT: Stanton Cleaners

LOCATION: Great Neck, NY

CLIENT: USACE/USEPA

DATE: June 30, 2008

COMPLETED ITEMS	DATE PERFORMED
O & M Inspection/ System Monitoring	4/3/2008
Monthly System Sampling	4/3/2008
Semi-annual Monitoring Well Sampling	4/28-4/30/2008
O & M Inspection/System Monitoring	4/30/2008
Indoor Air Quality Sampling	4/30-5/1/2008
Monthly System Sampling (May)	4/30/2008
Replace aqueous phase GAC vessel	5/1/2008
O & M Inspection/System Monitoring	5/15/2008
SVE Oil and Grease change	5/15/2008
O & M Inspection/System Monitoring	6/2/2008
LIHA Air Filter Change Out	6/2/2008
Monthly System Sampling	6/2/2008
O & M Inspection/System Monitoring	6/16/2008
Install new drains in SVE lines	6/19/2008
Service and drain SVE lines	6/29/2008

OUTSTANDING ITEMS	RECOMMENDED SOLUTION
LIHA Air Filter Change out	To be performed July 2008
SVE Oil and Grease	To be performed August 2008
Semi-annual Monitoring Well Sampling	To be performed September 2008
Indoor Air Quality Sampling (LIHA & SHA)	To be performed September 2008

Appendix K

Analytical Tracking Table

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**	Discharge Criteria
Influent	SC-01	B0001	10/27/2003	MTBE	2	J	
				cis -1,2-Dichloroethene	2	J	
				Trichloroethene (TCE)	3	J	5
				Toluene	3	J	5
				Tetrachloroethene	350	D	5
Effluent	SC-04	B0002	10/27/2003	None			
Trip Blank	SC-TB	B0003	10/27/2003	Acetone	61	J	5
				Methylene chloride	2	J	5
Influent	SC-01	B0177	11/12/2003	Tetrachloroethene (PCE)	240		5
				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		5
				Chlorodifluoromethane	29	NJ	
				1,2-Dichloroethene	3.4	NJ	
Trip Blank	SC-TB	B0180	11/12/2003	Tetrachloroethene	9.4		5
				Chlorodifluoromethane	4.3	NJ	
Influent	SC-01	B17J3	12/10/2003	Tetrachloroethene	290	D	5
				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	5
				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		5
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		5
Trip Blank	SC-TB	B1003	1/12/2004	Methylene chloride	0.6	K	
				MTBE	3.7		
				Tetrachloroethene	7.9		5
				m&p-Xylene	0.7		
Influent	SC-01	B17Z0	2/12/2004	*cis* -1,2-Dichloroethene	1.7		
				Trichloroethene	3.0		
				Tetrachloroethene	610.0	D	5
				Unknown TIC	0.53	J	
Effluent	SC-04	B17Z1	2/12/2004	Acetone	3.8	J	5
Influent Dup	SC-63	B17Z2	2/12/2004	Acetone	25	J	5
				cis -1,2-Dichloroethene	1.7		
				Trichloroethene	2.8		
				Tetrachloroethene	440	D	5
Trip Blank	SC-TB	B17Z3	2/12/2004	Methylene chloride	0.16	J	
				MTBE	4.7		
				Chloroform	0.26	J	
				Tetrachloroethene	7.1		5
				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	NJ	

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**	Discharge Criteria
Influent	SC-01	B17Z6	3/10/2004	MTBE	2.7		
				cis -1,2-Dichloroethene	1.2		
				Trichloroethene	2.3		
				Tetrachloroethene	260		5
Effluent	SC-04	B17Z7	3/10/2004	Tetrachloroethene	0.70		5
Influent Dup	SC-64	B17Z8	3/10/2004	MTBE	2.8		
				cis -1,2-Dichloroethene	1.2		
				Trichloroethene	2.3		
				Tetrachloroethene	260		5
Trip Blank	SC-TB	B17Z9	3/10/2004	Acetone	1.8		5
				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	5
Effluent	SC-04	B1BS3	4/14/2004	Tetrachloroethene	1.9		5
Influent Dup	SC-65	B1BS4	4/14/2004	Acetone	1.2	J	5
				MTBE	1.5		
				cis -1,2-Dichloroethene	0.67	J	
				Trichloroethene	1.1		
				Tetrachloroethene	260	D	5
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		5
Effluent	SC-04	B1BS7	5/20/2004	Acetone	1.2		5
Influent Dup	SC-66	B1BS8	5/20/2004	Acetone	0		5
				MTBE	2.1		
				cis -1,2-Dichloroethene	0.9		
				Trichloroethene	1.6		
				Tetrachloroethene	200		5
Trip Blank	SC-TB	B1BS9	5/20/2004	Acetone	1		5
				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		5
Effluent	SC-04	B1BS7	6/15/2004	Tetrachloroethene	2.1	7	5
Influent Dup	SC-67	B1BS8	6/15/2004	MTBE	2.3		
				cis -1,2-Dichloroethene	1.2		
				Trichloroethene	2.2		
				Tetrachloroethene	330		5
Trip Blank	SC-TB	B1BS9	6/15/2004	None			

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**	Discharge Criteria
Influent	SC-01	B1FJ2	7/13/2004	Acetone	0.8		5
				MTBE	2.3		
				cis -1,2-Dichloroethene	1.1		
				Trichloroethene	1.7		
				Tetrachloroethene	170		5
Effluent	SC-04	B1FJ3	7/13/2004	Acetone	0.72		5
				Tetrachloroethene	2		5
Influent Dup	SC-67	B1FJ4	7/13/2004	MTBE	2.4		
				cis -1,2-Dichloroethene	1.1		
				Trichloroethene	1.8		
				Tetrachloroethene	160		5
Trip Blank	SC-TB	B1FJ5	7/13/2004	Acetone	0.73		5
				Acetic Acid, Ethyl Este	2.5	NJ	
Influent	SC-01	B1GH2	8/16/2004	MTBE	1.9		
				cis -1,2-Dichloroethene	0.7		
				Trichloroethene	1.5		
				Tetrachloroethene	200		5
				Acetone	2		5
Effluent	SC-04	B1GH3	8/16/2004	Tetrachloroethene	5.4		5
				Acetone	1.6		5
Influent Dup	SC-69	B1GH4	8/16/2004	Acetone	1.2		5
				MTBE	2		
				cis -1,2-Dichloroethene	0.7		
				Trichloroethene	1.5		
				Tetrachloroethene	210		5
Influent	SC-01		9/28/2004	Chloromethane	0.80		
				Acetone	1.0		5
				MTBE	1.5		
				cis- 1,2-Dichloroethene	0.70		
				Trichloroethene	1.4		
				Tetrachloroethene	200		5
Effluent	SC-04		9/28/2004	Chloromethane	0.80		
				Acetone	2.1		5
				Tetrachloroethene	1.7		5
Influent Dup	SC-70		9/28/2004	Acetone	1.0		5
				MTBE	1.3		
				cis- 1,2-Dichloroethene	0.60		
				Trichloroethene	1.4		
				Tetrachloroethene	210		5
Trip Blank	SC-TB		9/28/2004	Acetone	2.2		5
				2-Butanone	1.5		
Influent	SC-01	B1LZ2	10/21/2004	Acetone	5	J	5
				Methylene chloride	0.2	J	
				MTBE	0.82		
				cis -1,2-Dichloroethene	0.5		
				Trichloroethene	1.2		
				Tetrachloroethene	220		5
Effluent	SC-04	B1LZ3	10/21/2004	Acetone	5	J	5
				Methylene chloride	0.5	UJ	
				Tetrachloroethene	0.2	J	5
Influent Dup	SC-71	B1LZ4	10/21/2004	Acetone	5	J	5
				Methylene chloride	1.1		
				MTBE	1.1		
				cis -1,2-Dichloroethene	0.64		
				Trichloroethene	1.1		
				Tetrachloroethene	210	D	5
Trip Blank	SC-TB	B1LZ5	10/21/2004	Acetone	5.7		5
				Methylene chloride	0.68		
				Toluene	0.39	J	

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**	Discharge Criteria
Influent	SC-01	B1T22	11/17/2004	Acetone	3	J	5
				Methylene chloride	1.3	U	
				MTBE	1.3		
				cis -1,2-Dichloroethene	0.64		
				Trichloroethene	1.2		
				Tetrachloroethene	170	D	5
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	5
Trip Blank	SC-TB	B1T25	11/17/2004	Acetone	3	J	5
				Methyl Acetate	0.5	UJ	
				Methylene chloride	0.46	J	
				2-Butanone	2.4	J	
				Tetrachloroethene	9.6		5
				1,2,3-Trichlorobenzene	0.5	UJ	5
Influent	SC-01	B1T79	12/15/2004	MTBE	1.6		
				cis -1,2-Dichloroethene	0.45	J	
				Trichloroethene (TCE)	1.0	J	5
				Tetrachloroethene	100	D	5
				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	U	
				1,2,4-Trichlorobenzene	0.5	U	
				1,2,3-Trichlorobenzene	0.5	U	5
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	5
				2-Hexanone	10	R	
Trip Blank	SC-TB	B1T82	12/15/2004	Chloroform	0.1	J	
				Cyclohexane	0.15	J	
				Benzene	0.5	U	
				Toluene	0.21	J	

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**	Discharge Criteria
Influent	SC-01	B1W00	1/21/2005	MTBE	1.5		
				cis -1,2-Dichloroethene	0.7		
				Trichloroethene (TCE)	1.4		5
				Tetrachloroethene	160		5
Effluent	SC-04	B1W02	1/21/2005	Acetone	1.8		5
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		5
				Acetone	10		5
Trip Blank	SC-TB	B1W03	1/21/2005	Acetone	3.5		5
Influent	SC-01	AG00197	2/3/2005	MTBE	1.4		
				cis -1,2-Dichloroethene	0.5		
				Trichloroethene (TCE)	1.1		5
				Tetrachloroethene	140		5
Effluent	SC-04	AG00198	2/3/2005	Acetone	1.2		5
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		5
				Acetone	1.1		5
Trip Blank	SC-TB	AG00200	2/3/2005	Acetone	4.3		5
				4-Methyl-2-pentanone	1.2		
Influent	SC-01	AG00468	3/9/2005	MTBE	1.4		
				Acetone	2.5		5
				Trichloroethene (TCE)	1.1		5
				Tetrachloroethene	130		5
Effluent	SC-04	AG00469	3/9/2005	Acetone	1.8		5
Influent Dup	SC-76	AG00470	3/9/2005	MTBE	1.4		
				Acetone	1.2		5
				Trichloroethene	1.1		
				Tetrachloroethene	130		5
Trip Blank	SC-TB	AG00471	3/9/2005	Acetone	1.7		5
				Chloroform	1.6		
Influent (EPA-EXT-02)	SC-01	AG00825	4/22/2005	MTBE	1.7		
				2-Butanone	2.2		
				Acetone	2.4		5
				Trichloroethene (TCE)	1.1		5
				Tetrachloroethene	65		5
Influent (EPA-EXT-4R)	SC-02	AG00826	4/22/2005	2-Butanone	2.5		
				Acetone	5.1		5
				Trichloroethene (TCE)	1.3		5
				Tetrachloroethene	9.5		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		5
				Trichloroethene	1.3		
				Tetrachloroethene	9		5
Trip Blank	SC-TB	AG00829	4/22/2005	Acetone	1		5
				Chloroform	1.7		
				Trichloroethene (TCE)	0.84		5

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**	Discharge Criteria
Influent (EPA-EXT-02)	SC-01	AG01320	5/24/2005	MTBE	1.1		
				Trichloroethene (TCE)	1.0		5
				Tetrachloroethene	100		5
Influent (EPA-EXT-4R)	SC-02	AG01321	5/24/2005	Tetrachloroethene	8.8		5
Effluent	SC-04	AG01322	5/24/2005	Acetone	1.3		5
Influent Dup ~~(EPA-EXT-02)~~ (EPA-EXT-4R)	SC-78	AG01323	5/24/2005	Tetrachloroethene	8.6		5
Trip Blank	SC-TB	AG01324	5/24/2005	Acetone	1.3		5
				Chloroform	13		
				Bromodichloromethane	2.5		
Influent (EPA-EXT-02)	SC-01	AG02074	6/22/2005	MTBE	0.98		
				Trichloroethene (TCE)	0.8		5
				Tetrachloroethene	95		5
				Acetone	2.7	K	5
				Ethyl Acetate	10	NJ	
Influent (EPA-EXT-4R)	SC-02	AG02075	6/22/2005	Tetrachloroethene	9.1		5
				Acetone	1.9	K	5
				Ethyl Acetate	3.6	NJ	
				Propane, 2-Isothiocyanto-2	0.8	NJ	
Influent		AG02076	6/22/2005	MTBE	0.64		
				Tetrachloroethene	50		5
				Acetone	2	K	5
				Trichloroethene (TCE)	0.56		5
				Ethyl Acetate	8.8	NJ	
Effluent	SC-04	AG02072	6/22/2005	Acetone	2.6	K	5
				Ethyl Acetate	6.2	NJ	
Effluent Dup.	SC-04	AG02073	6/22/2005	Acetone	2.6	K	5
				Ethyl Acetate	3.3	NJ	
Trip Blank	SC-TB	AG02077	6/22/2005	Acetone	2.4	K	5
				Chloroform	13		
				Bromodichloromethane	2.7		
				Ethyl Acetate	3.1	NJ	
Influent (EPA-EXT-02)	SC-01	AG02780	7/12/2005	MTBE	0.9		
				Trichloroethene (TCE)	0.8		5
				Tetrachloroethene	85		5
				Acetone	1	K	5
Influent (EPA-EXT-4R)	SC-02	AG02781	7/12/2005	Tetrachloroethene	7.4		
				Acetone	2.1	K	5
				Ethyl Acetate	4.1	NJ	
				Propane, 2-Isothiocyanto-2	1.4	NJ	
Influent		AG02782	7/12/2005	MTBE	0.52		
				Tetrachloroethene	43		5
Effluent	SC-04	AG02778	7/12/2005	Acetone	2.8	K	5
				Ethyl Acetate	11	NJ	
Effluent Dup.	SC-04	AG02779	7/12/2005	Acetone	1.9	K	5
				Ethyl Acetate	5.2	NJ	
Trip Blank	SC-TB		7/12/2005	Acetone	1.5	K	5
				Chloroform	12		
				Bromodichloromethane	2.6		

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**	Discharge Criteria
Influent (EPA-EXT-02)	SC-01	AG03721	8/15/2005	MTBE	0.68		
				Trichloroethene (TCE)	0.73		5
				Tetrachloroethene	88		5
Influent (EPA-EXT-4R)	SC-02	AG03722	8/15/2005	Tetrachloroethene	9.7		5
				Propane, 2-Isothiocyanto-2	0.53	NJ	
Influent		AG03723	8/15/2005	Tetrachloroethene	43		5
Effluent	SC-04	AG03725	8/15/2005	Acetone	ND (5.0)		5
Effluent Dup.	SC-04	AG03720	8/15/2005	Acetone	ND (5.0)		5
Trip Blank	SC-TB	AG03724	8/15/2005	Chloroform	13		
				Bromodichloromethane	2.6		
Influent (EPA-EXT-02)	SC-01	AG04086	9/8/2005	MTBE	0.76		
				Trichloroethene (TCE)	0.74		5
				Tetrachloroethene	90		5
Influent (EPA-EXT-4R)	SC-02	AG04087	9/8/2005	Tetrachloroethene	9.8		5
Influent		AG04088	9/8/2005	MTBE	0.63		
				Tetrachloroethene	44		5
Effluent	SC-04	AG04084	9/8/2005	Acetone	ND (1.0)		5
Effluent Dup.	SC-04	AG04085	9/8/2005	Acetone	1.0		5
Trip Blank	SC-TB	AG04089	9/8/2005	Chloroform	11		
				Bromodichloromethane	2.2		
Influent (EPA-EXT-02)	SC-01	AG07649	10/5/2005	MTBE	0.82		
				Trichloroethene (TCE)	0.78		5
				Tetrachloroethene	100		5
Influent (EPA-EXT-4R)	SC-02	AG07650	10/5/2005	Tetrachloroethene	9.3		5
Influent		AG07651	10/5/2005	MTBE	0.6		
				Acetone	1		5
				Tetrachloroethene	52		5
Effluent	SC-04	AG07647	10/5/2005	Acetone	1.1		
Effluent Dup.	SC-04	AG07648	10/5/2005	Acetone	1.4		
Trip Blank	SC-TB	AG07652	10/5/2005	Chloroform	ND		
Influent (EPA-EXT-02)	SC-01	AG08530	11/14/2005	Acetone	1.4	K	
				MTBE	0.92		
				Trichloroethene (TCE)	0.81		5
				Tetrachloroethene	95		5
Influent (EPA-EXT-4R)	SC-02	AG08531	11/14/2005	Acetone	1.0	K	5
				Tetrachloroethene	10		5
Influent		AG08532	11/14/2005	MTBE	0.9		
				Acetone	1.4	K	5
				Trichloroethene (TCE)	0.74		5
				Tetrachloroethene	91		5
Effluent	SC-04	AG08528	11/14/2005	Acetone	ND		5
Effluent Dup.	SC-04	AG08529	11/14/2005	Acetone	ND		5
Trip Blank	SC-TB	AG08533	11/14/2005	Acetone	2.0	K	5

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**	Discharge Criteria
Influent (EPA-EXT-02)	SC-01	AG08953	12/6/2005	Acetone	4.1		
				MTBE	0.85		
				Trichloroethene (TCE)	0.67		5
				Tetrachloroethene	90		5
				1-Butanol	0.63	NJ	
Influent (EPA-EXT-4R)	SC-02	AG08954	12/6/2005	Acetone	1.4	K	5
				Tetrachloroethene	9.5		5
Influent		AG08955	12/6/2005	MTBE	0.9		
				Acetone	1.4	K	5
				Trichloroethene (TCE)	0.77		5
				Tetrachloroethene	89		5
Effluent	SC-04	AG08951	12/6/2005	Acetone	1.5	K	5
Effluent Dup.	SC-04	AG08952	12/6/2005	Acetone	3.0	K	5
Trip Blank	SC-TB		12/6/2005	Acetone	ND		5
Influent (EPA-EXT-02)	SC-01	AH00216	1/10/2006	Acetone	ND		5
				MTBE	0.98		
				Trichloroethene (TCE)	0.79		5
				Tetrachloroethene	93		5
Influent (EPA-EXT-4R)	SC-02	AH00217	1/10/2006	Acetone	ND (1.0)		5
				Tetrachloroethene	8.2		5
Influent		AH00218	1/10/2006	MTBE	0.94		
				Acetone	ND (1.0)		5
				Trichloroethene (TCE)	0.85		5
				Tetrachloroethene	90		5
Effluent	SC-04	AH00214	1/10/2006	Acetone	ND (1.0)		5
Effluent Dup.	SC-04	AH00215	1/10/2006	Furan, Tetrahydro	0.52	NJ	
Trip Blank	SC-TB	AH00219		Acetone	ND (1.0)		5
Influent	SC-01	AH01177	2/15/2006	MTBE	1.2		
				Trichloroethene (TCE)	0.72		5
				Tetrachloroethene	80		5
MW-19		AH01178	2/15/2006	Acetone	1.2		5
				Trichloroethene (TCE)	1.2		5
				Tetrachloroethene	85		5
MW-21		AH01179	2/15/2006	Trichloroethene (TCE)	2.6		5
				Tetrachloroethene	27		5
Effluent		AH01175	2/15/2006	None			
Effluent Dup.		AH01176	2/15/2006	None			
Trip Blank	SC-TB	AH00219	2/15/2006	Chloroform	10		
				Bromodichloromethane	2.3		
Influent	SC-01	AH01256	3/8/2006	MTBE	1.4		
				Trichloroethene (TCE)	0.71		5
				Tetrachloroethene	83		5
				Acetone	2		5
Effluent	SC-04	AH01254	3/8/2006	Acetone	2		5
Effluent Duplicate	SC-04	AH01255	3/8/2006	Acetone	2.4		5
Trip Blank	SC-TB	AH01257	3/8/2006	Acetone	2		5
				Bromodichloromethane	5		
				Chloroform	14		
Influent	SC-01	AH01641	4/5/2006	MTBE	1.5		
				Trichloroethene	0.57		
				Tetrachloroethene	68		5
				Acetone	1.7		5
				Ethyl Acetate	1.5	NJ	5
Effluent	SC-04	AH01639	4/5/2006	Acetone	1.7		5
				Ethyl Acetate	1.7	NJ	5
Effluent A	SC-04	AH01640	4/5/2006	Acetone	4.6		5
			4/5/2006	Ethyl Acetate	5.3	NJ	5
Trip Blank	SC-TB	AH01642	4/5/2006	Acetone	1.7		5

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**	Discharge Criteria
Influent (MW-24 & EPA-EXT-02)	SC-01	AH02078	5/3/2006	Acetone	2.3		5
				MTBE	1.7		
				Trichloroethene (TCE)	0.72		
				Tetrachloroethene	80		5
Effluent	SC-04	AH02076	5/3/2006	Chloromethane	0.51		
				Acetone	1.6		5
Effluent-A	SC-04	AH02077	5/3/2006	Acetone	2.2		5
Trip Blank	SC-TB	AH02079	5/3/2006	Acetone	1.8		5
Influent	SC-01	AH02645	6/8/2006	Acetone	1.8	K	5
				MTBE	1.6		
				Trichloroethene (TCE)	70		
				Ethyl Acetate	0.7	NJ	5
Effluent	SC-04	AH02643	6/8/2006	Acetone	1.2	K	5
Effluent-A	SC-04	AH02644	6/8/2006	Acetone	1.5	K	
			6/8/2006	Ethyl Acetate	1	NJ	5
Trip Blank	SC-TB	AH02646	6/8/2006	None			
Influent (MW-24 & EPA-EXT-02)	SC-01	AH03367	7/12/2006	Acetone	1.8		5
				MTBE	1.6		
				Tetrachloroethene	74		5
Effluent	SC-04	AH03367	7/12/2006	None			
Effluent A	SC-04	AH03368	7/12/2006	None			
Trip Blank	SC-TB	AH03370	7/12/2006	None			
Influent (MW-24 & EPA-EXT-02)	SC-01	AH04373	8/9/2006	Acetone	1.3	J	5
				MTBE	1.6		
				Trichloroethene (TCE)	0.55		
				Tetrachloroethene	65		5
Effluent	SC-04	AH04371	8/9/2006	Acetone	1.3	J	5
Effluent A	SC-04	AH04372	8/9/2006	Acetone	2	J	5
Trip Blank	SC-TB	AH04374	8/9/2006	Acetone	0.78	J	5
Influent (MW-24 & EPA-EXT-02)	SC-01	AH05500	9/6/2006	MTBE	1.7		
				Trichloroethene (TCE)	0.68		
				Tetrachloroethene	69		5
Effluent	SC-04	AH05498	9/6/2006	None			
Effluent A	SC-04	AH05499	9/6/2006	Chloromethane	0.64		5
Trip Blank	SC-TB	AH05501	9/6/2006	None			
Influent (MW-24 & EPA-EXT-02)	SC-01	AH05962	10/4/2006	MTBE	1		
				Trichloroethene (TCE)	0.54		
				Tetrachloroethene	68		5
Effluent	SC-04	AH05960	10/4/2006	None			
Effluent A	SC-04	AH05961	10/4/2006	None			
Trip Blank	SC-TB	AH05963	10/4/2006	None			
Influent (MW-24 & EPA-EXT-02)	SC-01	AH06624	11/8/2006	MTBE	1.4		
				Tetrachloroethene	67		5
Effluent	SC-04	AH06622	11/8/2006	None			
Effluent A	SC-04	AH06623	11/8/2006	None			5
Trip Blank	SC-TB	AH06625	11/8/2006	MTBE	0.6		
Influent (MW-24 & EPA-EXT-02)	SC-01	AH07022	12/14/2006	MTBE	1.4	J	
				Tetrachloroethene	58		5
Effluent	SC-04	AH07020	12/14/2006	None			
Effluent A	SC-04	AH07021	12/14/2006	None			
Trip Blank	SC-TB	AH07023	12/14/2006	Methylene Chloride	1.3		5
Influent (MW-24 & EPA-EXT-02)	SC-01	AJ00067	1/11/2007	MTBE	1.1	K	
				Tetrachloroethene	51		5
Effluent	SC-04	AJ00065	1/11/2007	None			
Effluent A	SC-04	AJ00066	1/11/2007	None			
Trip Blank	SC-TB	AJ00068	1/11/2007	Methylene Chloride	1.3		5
Influent (MW-24 & EPA-EXT-02)	SC-01	AJ00524	2/20/2007	MTBE	0.59		
				Tetrachloroethene	54		5
Effluent	SC-04	AJ00522	2/20/2007	None			
Effluent A	SC-04	AJ00523	2/20/2007	None			
Trip Blank	SC-TB	AJ00525	2/20/2007	Methylene Chloride	0.81	K	5

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Sample Location	ECC ID*	EPA ID	Date Collected	Compounds Detected	Result (µg/L)	Qualifier**	Discharge Criteria
Influent (MW-24 & EPA-EXT-02)	SC-01	AJ01186	3/7/2007	MTBE	1		
				Tetrachloroethene	57		5
Effluent	SC-04	AJ01184	3/7/2007	None			
Effluent A	SC-04	AJ01185	3/7/2007	None			
Trip Blank	SC-TB	AJ01187	3/7/2007	None			
Influent (MW-24 & EPA-EXT-02)	SC-01	AJ02250	5/3/2007	Methylene Chloride	0.69		
				Tetrachloroethene	62		5
Effluent	SC-04	AJ02248	5/3/2007	None			
Effluent A	SC-04	AJ02249	5/3/2007	Methylene Chloride	0.65		
Trip Blank	SC-TB	AJ02251	5/3/2007	None			
Influent (MW-24 & EPA-EXT-02)	SC-01	AJ02893	6/13/2007	Tetrachloroethene	47		5
Effluent	SC-04	AJ02891	6/13/2007	None			
Effluent A	SC-04	AJ02892	6/13/2007	None			
Trip Blank	SC-TB	AJ02894	6/13/2007	None			
Influent (MW-24 & EP)	SC-01	AJ03790	7/25/2007	MTBE	0.68		
				Tetrachloroethene	49		5
				Ethyl Acetate	0.99	NJ	
Effluent	SC-04	AJ03788	7/25/2007	None			
Effluent A	SC-04	AJ03789	7/25/2007	None			
Trip Blank	SC-TB	AJ03791	7/25/2007	None			
Influent	SC-01	AJ04491	8/29/2007	Tetrachloroethene	50		5
Effluent	SC-04	AJ04489	8/29/2007	Tetrachloroethene	**52**		5
Effluent A	SC-04	AJ04490	8/29/2007	Tetrachloroethene	**50**		5
Trip Blank	SC-TB	AJ04492	8/29/2007	None			
Influent	SC-01	AJ04753	9/27/2007	Tetrachloroethene	40		5
				Ethyl Acetate	0.83	NJ	
Effluent	SC-04	AJ04751	9/27/2007	None			
Effluent A	SC-04	AJ04752	9/27/2007	Ethyl Acetate	3.5	NJ	
Trip Blank	SC-TB	AJ04754	9/27/2007	Ethyl Acetate	0.62	NJ	
Influent	SC-01	AJ05111	10/29/2007	MTBE	0.6		
				Tetrachloroethene	41		5
				Ethyl Acetate	6.6	NJ	
Effluent	SC-04	AJ05112	10/29/2007	Ethyl Acetate	4.1	NJ	
Effluent - 1A	SC-04	AJ05113	10/29/2007	Ethyl Acetate	3.3	NJ	
Trip Blank	SC-TB	AJ05110	10/29/2007	Ethyl Acetate	6.7	NJ	
Influent	SC-01	AJ05291	11/13/2007	MTBE	0.9		
				Toluene	0.51		
				Tetrachloroethene	38		5
				Ethyl Acetate	1.5	NJ	
Effluent	SC-04	AJ05289	11/13/2007	Toluene	0.65		
				Ethyl Acetate	0.89	NJ	
Effluent - A	SC-04	AJ05290	11/13/2007	Toluene	0.54		
				Ethyl Acetate	1.2	NJ	
Trip Blank	SC-TB	AJ05292	11/13/2007	None			
Influent	SC-01	AJ05539	12/6/2007	MTBE	0.77		
				Tetrachloroethene	46		5
Effluent	SC-04	AJ05537	12/6/2007	None			
Effluent - A	SC-04	AJ05538	12/6/2007	None			
Trip Blank	SC-TB	AJ05540	12/6/2007	None			
Influent	SC-01	AK00178	1/10/2008	MTBE	1.1		
				Tetrachloroethene	32		5
				Isopropyl Alcohol	0.6	NJ	
				Ethyl Acetate	2.7	NJ	
Effluent	SC-04	AK00176	1/10/2008	Isopropyl Alcohol	0.6	NJ	
				Ethyl Acetate	3.5	NJ	
Effluent - A	SC-04	AK00177	1/10/2008	Ethyl Acetate	0.6	NJ	
Trip Blank	SC-TB	AK00179	1/10/2008	Ethyl Acetate	1	NJ	
Influent	SC-01	AK00893	2/21/2008	MTBE	0.88		
				Tetrachloroethene	48		5
Effluent	SC-04	AK00891	2/21/2008	None			
Effluent - A	SC-04	AK00892	2/21/2008	None			
Trip Blank	SC-TB	AK00894	2/21/2008	None			
Influent	SC-01	AK01106	3/6/2008	MTBE	0.87		
				Tetrachloroethene	48		5
Effluent	SC-04	AK01104	3/6/2008	None			
Effluent - A	SC-04	AK01105	3/6/2008	None			
Trip Blank	SC-TB	AK01107	3/6/2008	None			
Influent	SC-01	AK01403	4/3/2008	MTBE	1.4		
				Tetrachloroethene	37		5
				Ethyl Acetate	1.2	NJ	
Effluent	SC-04	AK01401	4/3/2008	None			
Effluent - A	SC-04	AK01402	4/3/2008	None			
Trip Blank	SC-TB	AK01404	4/3/2008	None			
Influent	SC-01	AK02413	4/30/2008	MTBE	1.4		
				Tetrachloroethene	38		5
Effluent	SC-04	AK02411	4/30/2008	None			
Effluent - A	SC-04	AK02412	4/30/2008	None			
Trip Blank	SC-TB	AK02414	4/30/2008	Acetone	5.5	J	5
				4-Methyl-3-Penten-2-one	1.6	NJ	
Influent	SC-01	AK02647	6/2/2008	MTBE	1		
				Tetrachloroethene	41		5
Effluent	SC-04	AK02645	6/2/2008	None			
Effluent - A	SC-04	AK02646	6/2/2008	None			
Trip Blank	SC-TB	AK02648	6/2/2008	Acetone	10		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

NJ = 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 = methyl tertiary - butyl ether

TIC = Tentatively Identified Compound.

Effluent results exceeding effluent discharge criteria are bolded.

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Influent (SC-01)	10/27/2003	11/12/2003	12/10/2003	1/12/2004	2/12/2004	3/10/2004	4/14/2004	5/20/2004	6/15/2004	7/13/2004	8/16/2004	9/28/2004	10/21/2004	11/17/2004	12/15/2004	1/21/2005	2/3/2005	3/9/2005	4/22/2005	5/24/2005	6/22/2005	7/12/2005	8/15/2005	9/8/2005	10/1/2005	11/15/2005	12/1/2005	1/10/2006	2/15/2006
MTBE	2 J			2.7		2.7	1.9	2.1	2.7	2.3	1.9	1.5	0.82	1.3	1.6	1.5	1.4	1.4	1.7	1.1	0.98	0	0.68	0.76	0.82	0.92	0.85	0.98	
cis -1,2-Dichloroethene	2 J		2 J	1.5	1.7	1.2	0.83	1.0	1.3	1.1	0.7	0.70	0.51	0.64	0.45 J	0.70	0.53												
Trichloroethene (TCE)	3 J		3 J	2.5	3.0	2.3	1.5	1.8	2.4	1.7	1.5	1.4	1.2	1.2	1.0 J	1.4	1.1	1.1	1.1	0.95	0.8	0.8	0.73	0.74	0.78	0.81	0.67	0.79	
Tetrachloroethene	350 (D)	240	280 (D)	280	610 (D)	260	380 (D)	190	320	170	200	200	220 (D)	170 (D)	100 (D)	160	140	130	65	100	95	85	88	90	100	95	90	93	
Toluene	3 J																												
Acetone										0.75	2	1.0	5 J	3 J		1		2.5	2.4		2.7	1				1.4 K	4.1 K	ND	
Methylene Chloride													0.2 J	1.3 U															
Methylcyclohexane															1 UJ														
2-Butanone																			2.2										
Bromomethane															1 UJ														
Bromodichloromethane															1 UJ														
Chloromethane												0.80			1 UJ														
Cyclohexane																													
1,2-Dichloroethene		3.3 NJ													1 UJ														
Carbon Disulfide									1.1																				
1,2-Dichloropropane															1 UJ														
2-Hexanone															10 R														
4-Methyl-2-pentanone															10 R														
Chlorodifluoromethane		8.6 NJ																											
1-Butanol																										0.63 NJ			
Ethyl Acetate																													
Isopropyl Alcohol																													
Unknown TIC					0.53 NJ																								

Influent (SC-02)	10/27/2003	11/12/2003	12/10/2003	1/12/2004	2/12/2004	3/10/2004	4/14/2004	5/20/2004	6/15/2004	7/13/2004	8/16/2004	9/28/2004	10/21/2004	11/17/2004	12/15/2004	1/21/2005	2/3/2005	3/9/2005	4/22/2005	5/24/2005	6/22/2005	7/12/2005	8/15/2005	9/8/2005	10/1/2005	11/15/2005	12/1/2005	1/10/2006	2/15/2006
Trichloroethene (TCE)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.3								ND	ND	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.5	8.8	9.1	7.4	9.7	9.8	9.3	10	9.5	8.2	--
2-Butanone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.5										--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.1		1.9	2.1				1.0 K	1.4 K	ND	--

Effluent (SC-04)	10/27/2003	11/12/2003	12/10/2003	1/12/2004	2/12/2004	3/10/2004	4/14/2004	5/20/2004	6/15/2004	7/13/2004	8/16/2004	9/28/2004	10/21/2004	11/17/2004	12/15/2004	1/21/2005	2/3/2005	3/9/2005	4/22/2005	5/24/2005	6/22/2005	7/12/2005	8/15/2005	9/8/2005	10/1/2005	11/15/2005	12/1/2005	1/10/2006	2/15/2006
Tetrachloroethene						0.70	1.9		2.1	2.0	5.4	1.7	0.2 J																
Benzene															0.5 JB														
Toluene																													
Chloromethane												0.80																	
Methyl Acetate														0.5 UJ															
Methylene Chloride													0.5 J	0.5 U															
Acetone					3.8 J			1.2		0.72	1.6	2.1	5 J			1.8	1.2	1.8		1.3	2.6	2.8	1.3	1.3	1.1	ND	1.5	ND	ND
1,2,4-Trichlorobenzene															0.5 JB														
1,2,3-Trichlorobenzene					3.8 J			1.2		0.72	1.6	2.1	5 J		0.5 JB														
Chlorodifluoromethane		22 NJ																											
Isopropyl Alcohol																													
Ethyl Acetate																													

Trip Blank (SC-TB)	10/27/2003	11/12/2003	12/10/2003	1/12/2004	2/12/2004	3/10/2004	4/14/2004	5/20/2004	6/15/2004	7/13/2004	8/16/2004	9/28/2004	10/21/2004	11/17/2004	12/15/2004	1/21/2005	2/3/2005	3/9/2005	4/22/2005	5/24/2005	6/22/2005	7/12/2005	8/15/2005	9/8/2005	10/1/2005	11/15/2005	12/1/2005	1/10/2006	2/15/2006
MTBE			5 J	3.7	4.7																								
Acetone	61 J					1.8		1		0.73		2.2	5.7	3 J		3.5	4.3	1.7	1	1.3	2.4 K	1.5 K				2.0 K	ND	ND (1.0)	
Methylene Chloride	2 J			0.6 K			0.17 J						0.68	0.46 J															
Tetrachloroethene		9.4		7.9	7.1									9.6															
Bromodichloromethane							0.80	0													2.7	2.6	2.6	2.2					2.3
Chloroform					0.26 J		2.8	0							0.1 J			1.6	1.7	13	13	12	13	11	ND				10
Ethylbenzene			2 J																										
Benzene															0.5 JB														
Toulene			2 J			0.50							0.39 J		0.21 J														
Chlorodifluoromethane		4.3 NJ																											
Ethyl Acetate										2.5 NJ											3.1 NJ								

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

µg/L = micrograms per liter

MTBE = methyl tertiary butyl ether

K = The reported value may be biased high

NJ = TIC. The reported value is estimated.

TIC = Tentatively Identified Compound.

U = The analyte was not detected above the reported quantitation limit

UJ = The analyte was not detected. The reporting limit is estimated.

UL = The analyte was not detected. The reporting limit is biased low.

-- = These were not analyzed.

Effluent results exceeding effluent discharge criteria are bolded.

Stanton Cleaners Analytical Tracking Table
Influent and Effluent Groundwater Data

Influent (SC-01)	3/8/2006	4/5/2006	5/3/2006	6/8/2006	7/12/2006	8/9/2006	9/6/2006	10/4/2006	11/8/2006	12/14/2006	1/11/2007	2/20/2007	3/7/2007	5/3/2007	6/13/2007	7/25/2007	8/29/2007	9/27/2007	10/29/2007	11/13/2007	12/6/2007	1/10/2008	2/21/2008	3/6/2008	4/3/2008	4/30/2008	6/2/2008	
MTBE	1.4	1.5	1.7	1.6	1.6	1.6	1.7	1	1.4	1.4	1.1 K	0.59	1	0.5 U	0.5 UJ	0.68	5 U	5 U	0.6	0.9	0.77	1.1	0.88	0.87	1.4	1.4	1	
c/s -1,2-Dichloroethene														0.5 U	0.5 UJ	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
Trichloroethene (TCE)	0.71	0.57	0.72	70		0.55	0.68	0.54	ND	ND	ND		ND	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
Tetrachloroethene	83	68	80		74	65	69	68	67	58	51	54	57	62	47	49	49	40	41	38	46	32	48	48	37	38	41	
Toluene														0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
Acetone	2	1.7	2.3	1.8 K	1.8 J	1.3	ND	ND	ND	ND	ND	ND	ND	5 U	5 UJ	5 U	10 UJ	5 UJ	5 U	5 U	5 UJ	5 U	5 UJ	5 UJ	5 U	5 U	5 U	
Methylene Chloride												0.89 U		0.69	5 UJ	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
Methylcyclohexane														0.5 U	0.5 UJ	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
2-Butanone														5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.5 UJ	5 U	5 U	5 UJ	5 U	5 U	5 U	
Bromomethane														0.5 U	0.5 UJ	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
Bromodichloromethane														0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
Chloromethane														0.5 U	0.5 UJ	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
Cyclohexane														0.5 U	0.5 UJ	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
1,2-Dichloroethene														0.5 U	0.5 UJ	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	--	
Carbon Disulfide														5 U	5 UJ	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
1,2-Dichloropropane														0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
2-Hexanone														5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	
4-Methyl-2-pentanone														5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 UJ	5 U	5 U	5 U	
Chlorodifluoromethane																											--	
1-Butanol																											--	
Ethyl Acetate		1.5 NJ		0.7 NJ												0.99 NJ		0.83 NJ	6.6 NJ	1.5 NJ		2.7 NJ			1.2 NJ		--	
Isopropyl Alcohol																						0.6 NJ					--	
Unknown TIC																												

Influent (SC-02)	3/8/2006	4/5/2006	5/3/2006	6/8/2006	7/12/2006	8/9/2006	9/6/2006	10/4/2006	11/8/2006	12/14/2006	1/11/2007	2/20/2007	3/7/2007	5/3/2007	6/13/2007	7/25/2007	8/29/2007	9/27/2007	10/29/2007	11/13/2007	12/6/2007	1/10/2008	2/21/2008	3/6/2008	4/3/2008	4/30/2008	6/2/2008	
Trichloroethene (TCE)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Butanone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Effluent (SC-04)	3/8/2006	4/5/2006	5/3/2006	6/8/2006	7/12/2006	8/9/2006	9/6/2006	10/4/2006	11/8/2006	12/14/2006	1/11/2007	2/20/2007	3/7/2007	5/3/2007	6/13/2007	7/25/2007	8/29/2007	9/27/2007	10/29/2007	11/13/2007	12/6/2007	1/10/2008	2/21/2008	3/6/2008	4/3/2008	4/30/2008	6/2/2008	Discharge Criteria
Tetrachloroethene														0.5 U	0.5 U	0.5 U	**52**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**5**
Benzene														0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**5**
Toluene														0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
Chloromethane			0.51											0.5 U	0.5 UJ	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
Methyl Acetate														0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	5 UJ	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U	
Methylene Chloride												0.94 U		0.65	5 UJ	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**5**
Acetone	2	1.7	1.6	1.2 K	1.3 J	1.3 J	ND	ND	ND	ND	ND	ND	ND	5 U	5 UJ	5 U	**10 UJ**	5 UJ	5 U	5 U	5 UJ	5 U	5 U	5 UJ	5 U	5 U	5 U	**5**
1,2,4-Trichlorobenzene														0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	5 UL	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	
1,2,3-Trichlorobenzene														0.5 U	0.5 U	0.5 U	5 U	1 U	5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	**5**
Chlorodifluoromethane																											--	
Isopropyl Alcohol																						0.6 NJ					--	
Ethyl Acetate																			4.1 NJ	0.89 NJ		3.5 NJ					--	

Trip Blank (SC-TB)	3/8/2006	4/5/2006	5/3/2006	6/8/2006	7/12/2006	8/9/2006	9/6/2006	10/4/2006	11/8/2006	12/14/2006	1/11/2007	2/20/2007	3/7/2007	5/3/2007	6/13/2007	7/25/2007	8/29/2007	9/27/2007	10/29/2007	11/13/2007	12/6/2007	1/10/2008	2/21/2008	3/6/2008	4/3/2008	4/30/2008	6/2/2008	
MTBE									0.6					0.5 U	0.5 UJ	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	
Acetone	2	1.7	1.8			0.78 J								5 U	5 UJ	5 U	10 UJ	5 UJ	5 U	5 UJ	5 U	5 U	5 UJ	5 UJ	5 U	5.5 J	10	
Methylene Chloride										1.3	1.3	0.81 K	ND	0.5 U	5 UJ	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	
Tetrachloroethene														0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	
Bromodichloromethane	5													0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	
Chloroform	14													0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	
Ethylbenzene														0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	
Benzene														0.5 U	0.5 UJ	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	
Toulene														0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	
Chlorodifluoromethane														--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Ethyl Acetate														--	--	--	--	--	6.7 NJ	--	--	1 NJ	--	--	--	--	--	

Notes:

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(D)
J
µg/L
MTBE
K
NJ
TIC
U
UJ
UL
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