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May 26, 2011

Mr. Payson Long
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, NY 12233-7013

Re: Active Industrial Uniform Site (Site No. 1-52-125)
D&B Work Assignment No. D004446-01
Quarterly Report No. 22
April 1, 2010 through June 30, 2010
D&B No. 2578

Dear Mr. Long:

This Quarterly Report (No. 22) presents a summary of the operation, maintenance, monitoring and sampling activities performed at the Active Industrial Uniform Site groundwater extraction and treatment system, located at 63 West Montauk Highway in the Village of Lindenhurst, Suffolk County, New York (see Attachment A, Figure 1), for the period beginning April 1, 2010 through June 30, 2010.

Operation, maintenance, system monitoring and sampling activities were conducted by a New York State Department of Environmental Conservation (NYSDEC) "call-out" contractor, Environmental Assessment and Remediations (EAR), under direct contract with the NYSDEC. Reporting, data management and assessment, and additional engineering/technical evaluation services were performed by Dvirka and Bartilucci Consulting Engineers (D&B).

Presented below is a summary of system operation and maintenance completed during the quarter, as well as the analytical results and interpretation of the sample collection and analysis completed during this reporting period at the site. The discussion of the analytical results of groundwater monitoring well samples is provided in the Groundwater Sampling Report No. 2. In addition, a Site Management Plan (SMP) for the Active Industrial Uniform Site is currently being prepared by D&B.

Groundwater Extraction and Treatment System Operation and Maintenance

From the period beginning April 1, 2010 through April 21, 2010, on-site extraction well RW-1 operated at an average pumping rate of approximately 80 gallons per minute (gpm) and extraction well RW-2 operated at an average pumping of

approximately 67 gpm. On April 21, 2010, the NYSDEC directed EAR to shut down off-site extraction well RW-2 due to consistently low influent concentrations of chlorinated volatile organic compounds (VOCs) and a continued decline in total VOC concentrations. As the treatment system was no longer receiving groundwater from extraction well RW-2, the flow rate of extraction well RW-1 was increased to approximately 130 gpm to increase the radius of influence and enhance the capture of chlorinated VOC-contaminated groundwater potentially migrating off-site. Based on the increase, extraction well RW-1 operated at an average pumping rate of 131 gpm through the remaining part of this reporting period (approximately 70 days). Groundwater monitoring of VOCs at RW-2 will continue as part of site operation and maintenance activities. A normalized graph of the average flow rate for RW-1 since May 2009 is presented in Attachment B.

Based on a review of the data, the flow rate for RW-1 shows an overall decreasing trend prior to April 21, 2010, when the extraction well flow rate was increased. After April 21, 2010, the flow rate for RW-1 also shows a slightly decreasing trend. Note that a normalized graph of the average flow rate for RW-2 is not included since it is no longer in operation.

During this reporting period, approximately 16,830,000 gallons of treated groundwater was discharged to Little Neck Creek. Though not included on the as-built drawings for the site, the discharge water flows to a storm water basin adjacent to the creek and the overflow from this structure flows into the creek. Approximately 70.8 pounds of total VOCs were removed from the extracted groundwater during this reporting period and approximately 1,320 pounds of total VOCs have been removed since start-up of the system. Note, the increase in total VOC removal this reporting period is due to the higher flow rate of on-site extraction in well RW-1 and the shutdown of off-site extraction well RW-2, which typically contributed insignificant concentrations of VOCs to the treatment system. The average total VOC removal efficiency for this quarter was approximately 99 percent. A summary of the extraction and treatment system performance results is provided in Attachment C.

The groundwater extraction system was operative for a total of approximately 1,957 hours and inoperative for a total of approximately 227 hours due to system alarm conditions and non-routine maintenance.

A single "high level" condition in air stripper No. 1 was the only alarm condition requiring a response to during this reporting period.

Non-routine maintenance performed during this reporting period included the following:

- The treated water effluent line from the treatment system was borescoped in order to diagnose high pressure readings noted in the effluent piping, which was thought to be related to a flow restriction in the piping. As part of the borescope activities, a below grade portion of the effluent line was excavated for investigation. Several USTs and below grade structures were encountered during this excavation. As a result, the borescoping of the effluent piping was put on hold in order to further investigate the identified USTs and any other below grade structures which may remain at the site. A

detailed report, including a summary of the investigation and remedial activities associated with the USTs and below grade structures, is provided in Attachment D.

- Installation of a new pressure gauge to monitor the effluent water pressure from air stripper No. 2; on April 7, 2010;
- Installation of a new pressure gauge on April 7, 2010 to monitor the outlet air pressure from the blower;
- Extension of the sample port on the mid-fluent sample tap, on April 7, 2010; and
- Removal of fan insulation on blower, conducted on April 7, 2010.

Routine maintenance was not performed during this reporting period due to the number of non-routine maintenance requirements. Routine blower maintenance and transfer pump maintenance is scheduled to be completed during the next quarter (Quarter 23).

A copy of the Site Activities Logs, System Monitoring Logs and a System Operations and Downtime Log for this reporting period, which includes a summary of system maintenance events and alarm responses, as prepared by EAR, is provided in Attachment E.

Groundwater Extraction and Treatment System Monitoring (Aqueous Samples)

Monthly groundwater samples were collected from the combined influent sample tap (COMB-INF) on April 29, May 27, and June 24, 2010, and from the treatment system discharge sample tap (COMB-EFF) on May 27 and June 24, 2010. Note that samples were not collected from the extraction well influent sample taps (RW-1 and RW-2), due to the fact that RW-2 was shut down on April 21, 2010 and the sample collected from the COMB-INF sample tap would be considered by the NYSDEC to be a representative sample for RW-1. The samples collected on April 29, 2010 were analyzed for VOCs by United States Environmental Protection Agency (USEPA) SW-846 Method 8260, while the samples collected on May 27 and June 24, 2010, were analyzed for VOCs by USEPA 40 CFR Method 624. Note that the change in the VOC analytical method from Method 8260 to Method 624, was required by the NYSDEC as a means to reduce the overall analytical costs. As previously noted, EPA Method 624 does not include cis-1,2-Dichlorethene (cis-1,2-DCE), one of the site contaminants of concern on the reporting list. The samples collected from the combined influent sample tap were also analyzed for Target Analyte List (TAL) metals by USEPA SW-846 Method 6010 and for pH by USEPA SW-846 Method 9040.

Quarterly groundwater samples were collected from the sample tap located between the two air strippers (AS-MID) and from the treatment system effluent sample tap (COMB-EFF) on June 24, 2010. Each sample was analyzed for VOCs by USEPA 40 CFR Method 624. The treatment system effluent sample was also analyzed for TAL metals by USEPA SW-846 Method 6010.

Semiannual groundwater samples were collected from the treatment system effluent sample tap on June 24, 2010. The samples were analyzed for pH by USEPA SW-846 Method 9040, Chemical

Oxygen Demand (COD) by USEPA Method 410.4, Total Suspended Solids (TSS) by Standard Method (SM) 2540D and Total Dissolved Solids (TDS) by SM 2540C.

In addition, one grab sample was also collected from the treatment system discharge sample tap and analyzed for specific conductance by USEPA Method 120.1, turbidity by USEPA Method 180.1, total residual chlorine by SM 4500 CI and dissolved oxygen by SM 4500-O. Note, these parameters are typically field-screened, and in order to reduce analytical costs, future analysis of these parameters should be conducted in the field.

All sample results are summarized in Attachment F.

Based on the results of the influent groundwater samples collected, COMB-INF total VOCs ranged in concentration from 510 ug/l to a maximum concentration of 637 ug/l, detected on April 29, 2010, with cis-1,2-dichloroethene (cis-1,2-DCE) (210 ug/l), trichloroethene (TCE) (97.0 ug/l) and tetrachloroethene (PCE) (330 ug/l) detected above their respective NYSDEC Class GA groundwater standards of 5.0 ug/l. Additionally, during the May 27 and June 24, 2010 sampling events, TCE (70.0 ug/l and 56.0 ug/l, respectively) and PCE (490 ug/l and 450 ug/l, respectively) were also detected above their NYSDEC Class GA groundwater standards of 5.0 ug/l. Note that cis-1,2-DCE was not reported as part of the May 27 and June 24, 2010 sampling events, as USEPA Method 624 does not report cis-1,2-DCE. In addition, due to the reduced analyte list, total VOC concentrations following the analytical method change to Method 624 are not directly comparable to total VOC concentrations utilizing Method 8260. D&B notified the NYSDEC that cis-1,2-DCE was not reported as part of Method 624 upon review of the data and has recommended to change the VOC analytical method back to Method 8260, in order to continue to monitor contaminants of concern attributable to the site in a consistent and effective fashion.

During the April 29, May 27 and June 24 2010 sampling events, COMB-INF manganese (986 ug/l, 964 ug/l and 935 ug/l, respectively) and sodium (25,200 ug/l, 24,300 ug/l and 23,700 ug/l, respectively) were also detected above their respective NYSDEC Class GA groundwater standards of 300 ug/l and 20,000 ug/l.

The analytical results of aqueous phase samples collected from the air stripper midfluent detected concentrations o f chloromethane (0.12 ug/l), bromomethane (0.33 ug/l), PCE (1.4 ug/l), and TCE (0.41 ug/l), below their respective NYSDEC Class GA groundwater standards of 5.0 ug/l, with the exception of chloromethane, which has no specified standard. Based on the results, the first air stripper is effectively removing the majority of the site-specific VOCs from the influent groundwater with a removal efficiency of greater than 99%.

The analytical results of aqueous phase samples collected from the air stripper discharge have been compared to the NYSDEC site-specific effluent limits. Based on the effluent sample results, COMB-EFF VOCs, metals and TSS were all detected at concentrations below the NYSDEC site-specific effluent limits. In addition, pH was detected at a value within its NYSDEC site-specific effluent range of 6-9.

Groundwater Extraction and Treatment System Monitoring (Air Sampling)

Air samples were collected from the vapor phase carbon adsorption system influent (VPCV-INF), midfluent (VPCV-MID) and effluent (VPCV-EFF) sample taps on April 29, May 27 and June 24, 2010 for VOC analysis by USEPA Method TO-15. The analytical results of the vapor phase carbon adsorption system discharge samples (VPCV-EFF) are compared to the NYSDEC site-specific effluent limits. The vapor phase carbon adsorption system discharge sample results are provided in Attachment E. All VOC concentrations in the vapor samples were detected at concentrations below the NYSDEC site-specific effluent limits for this reporting period, with the exception of 1,2-DCE. 1,2-DCE was detected at a concentration of 6.0×10^{-3} lbs/hr, 4.1×10^{-3} lbs/hr and 3.6×10^{-3} lbs/hr on April 29, May 27 and June 24, 2010, respectively. These results exceed the site-specific effluent limit of 3.0×10^{3} lbs/hr for 1,2-DCE. The NYSDEC Project Manager was immediately notified of these exceedances upon review of the data. As presented below as part of the "Recommendations" portion of this letter report, D&B recommends to change-out the granulated activated carbon (GAC) in the two on-site carbon vessels. D&B will continue to closely monitor cis-1,2-DCE concentrations in the treatment system vapor samples.

Data Validation

The data packages submitted by Test America have been reviewed for completeness and compliance with NYSDEC ASP Quality Assurance/Quality Control (QA/QC) requirements. Test America is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. All sample results have been deemed valid and usable for environmental assessment purposes.

Data Validation Checklists are presented in Attachment G.

Findings

Based on the results of performance monitoring conducted during this reporting period, D&B offers the following findings:

- The results of the system influent samples show that extraction well RW-1 continues to capture VOC-contaminated groundwater.
- The replacement analytical method approved for VOC analysis (USEPA 40 CFR Method 624) includes all site-specific contaminants of concern, with the exception of cis-1,2-DCE.
- Extraction well RW-1 is pumping at an average rate of 131 gpm during this reporting period, which is higher than the contract-required flow rate range of 80 gpm to 100 gpm, as specified in the Active Industrial Uniform Site Contract Documents. As presented and discussed above, extraction well RW-1 was adjusted to pump at a higher extraction rate

after extraction well RW-2 was shut down on April 21, 2010. This resulted in an increase of the radius of influence of RW-1 and ensures that all on-site VOCs are captured prior to migration off-site.

- Note that no new supply wells have been installed on the Active Industrial property and, based on a windshield inspection of the immediate area, no new schools or parks have been constructed in the vicinity of or downgradient from the Active Industrial property.
- The Class GA Groundwater Standards and Guidance Values and the NYSDEC site-specific effluent limits have not changed since system start-up in December 2001. A new DER-10 document, dated May 2010, has been implemented since the March 1998 ROD was issued.
- The toxicity data, cleanup levels and remedial action objectives, as defined in the March 1997 Record of Decision, remain unchanged.

Recommendations

Based on the results of performance monitoring completed during this reporting period, D&B provides the following recommendations:

- Continue operation of the groundwater extraction and treatment system to minimize downgradient migration of site-related contaminants currently being captured by the system.
- Based on the exceedances noted in the effluent vapor phase samples collected from the carbon vessels, it is warranted to replace the granular activated carbon.
- Continue the borescope of the effluent line to diagnose the high pressure readings noted in the system effluent piping, which are likely related to a flow restriction in the effluent piping.
- Modify the VOC analytical method to USEPA SW-846 Method 8260 in order to monitor the concentrations of cis-1,2-DCE at the groundwater treatment system influent, midfluent and effluent.
- As recommended in the report entitled "UST Removal and Limited Site Soil and Groundwater Investigation" presented in Attachment D, removal of identified as well as potential dry wells, the excavation of additional contaminated soil in the southwest portion of the site along with the collection of additional endpoint and sidewall samples is recommended in order to remove potential "source area" contamination from the site.
- As recommended in the UST Closure and Additional Investigation report provided in Attachment D, D&B recommends the collection of composite samples from the soil currently being ex-situ remediated on-site, prior to the planned re-use of the soil on-site.

Please do not hesitate to contact me at (516) 364-9890, Ext. 3094, if you have any questions.

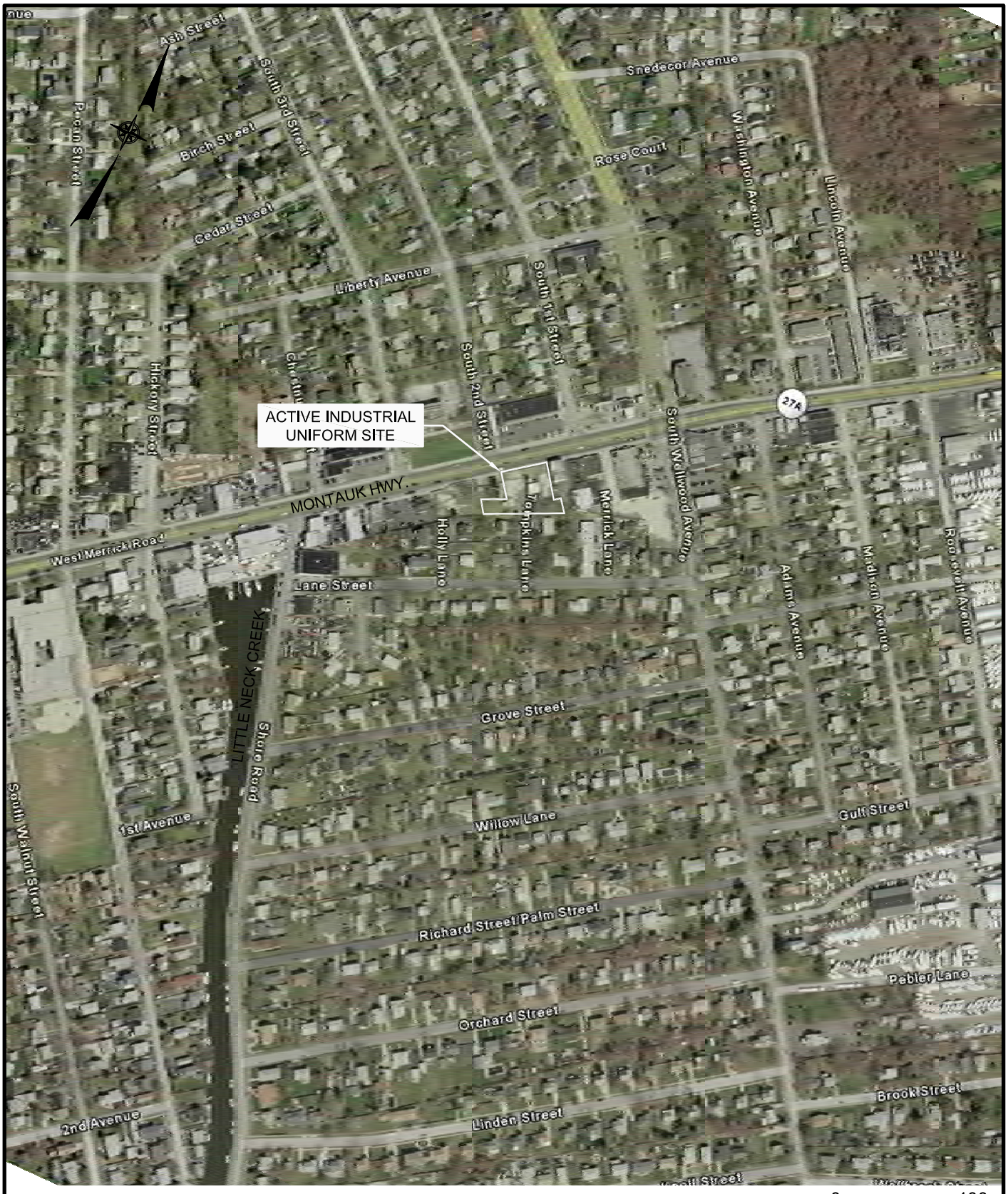
Very truly yours,

Stephen Tauss
Project Manager

SET/OI(t)/j,csf,lf
Attachments
cc: R. Walka (D&B)
P. Martorano (D&B)
F. DeVita (D&B)
♦2578\SET031711PL_QR22.DOC(R04)

ATTACHMENT A

FIGURES



SOURCE: GOOGLE EARTH 2005

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

ACTIVE INDUSTRIAL UNIFORM SITE
VILLAGE OF LINDENHURST, NEW YORK

SITE LOCATION MAP

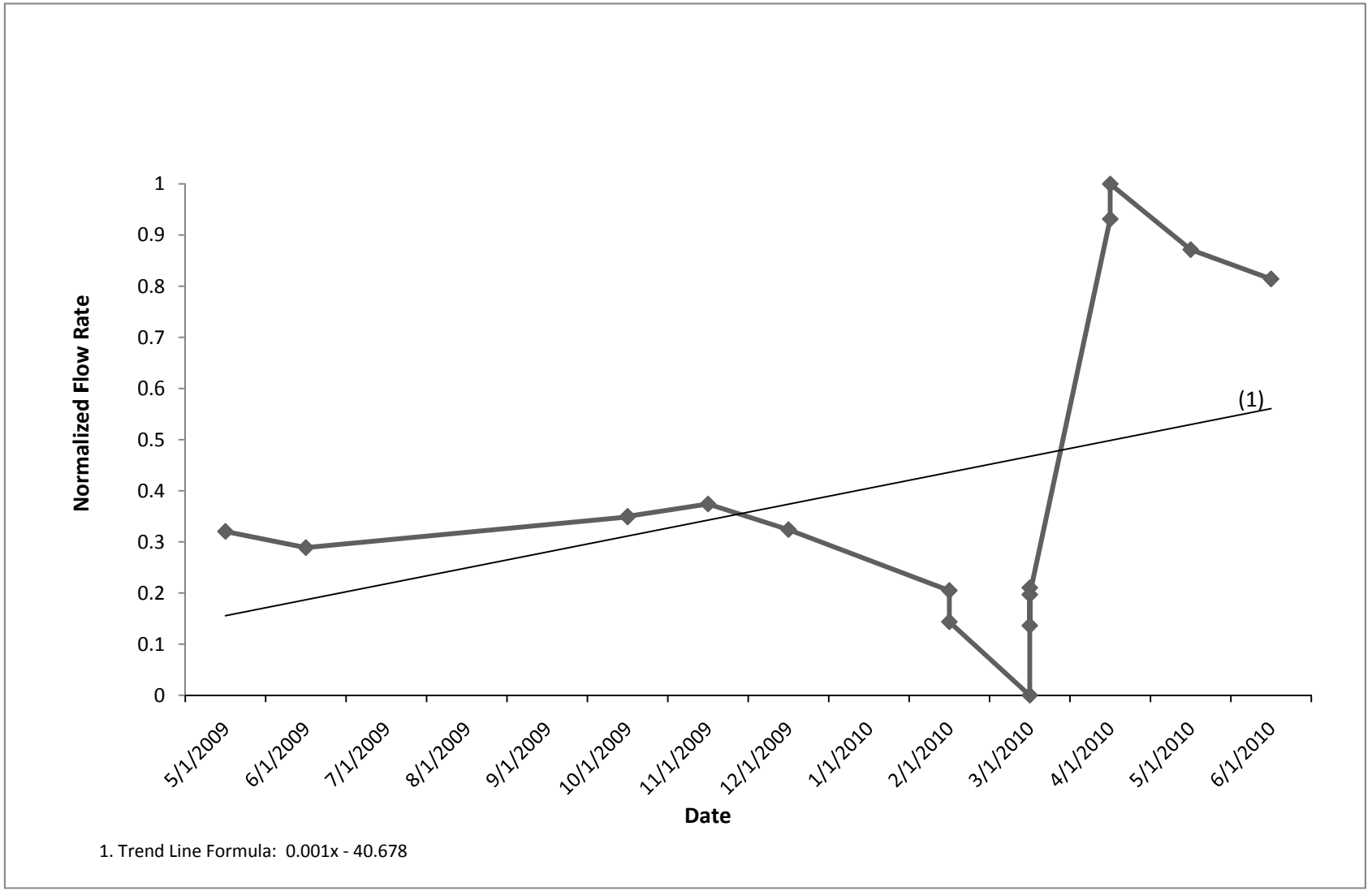
FIGURE 1

F:\2578\Quarterly Report\FIGURE 1.dwg, 5/26/2011 11:22:53 AM, Adobe PDF

ATTACHMENT B

NORMALIZED GRAPH OF
AVERAGE FLOW RATE FOR RW-1

Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Extraction Well RW-1
Normalized Flow Rate



1. Trend Line Formula: 0.001x - 40.678

Normalized Graph RW-1

ATTACHMENT C

PERFORMANCE SUMMARY

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
EXTRACTION AND TREATMENT SYSTEM PERFORMANCE RESULTS - AQUEOUS

SAMPLE COLLECTION DATE	SYSTEM INFLUENT AVERAGE EXTRACTION RATE (gpm)	SYSTEM INFLUENT TOTAL VOC CONCENTRATION (ug/L)	SYSTEM EFFLUENT TOTAL VOC CONCENTRATION (ug/L)	TOTAL VOC REMOVAL EFFICIENCY (%)	ESTIMATED AVERAGE TOTAL VOC REMOVAL RATE (lb/hr)	ESTIMATED SYSTEM RUNTIME (hr)	CUMULATIVE TOTAL VOC REMOVAL (lbs)
7/25/05 [3]	69.61 (RW-1) 82.32 (RW-2)	378	< 5.0	98.68%	2.87E-02	576 (RW-1) 464 (RW-2)	867.36
8/30/05 [3]	70.25 (RW-1) 83.00 (RW-2)	277	< 5.0	98.19%	2.12E-02	599 (RW-1) 599 (RW-2)	880.08
9/30/05 [3]	68.70 (RW-1) 82.50 (RW-2)	535	< 5.0	99.07%	4.05E-02	755 (RW-1) 460 (RW-2)	904.13 [2]
10/24/2005	67.10 (RW-1) 82.70 (RW-2)	397	< 5.0	98.74%	2.97E-02	559 (RW-1) 559 (RW-2)	920.76
11/21/2005	63.83 (RW-1) 81.58 (RW-2)	464	< 5.0	98.92%	3.37E-02	669 (RW-1) 669 (RW-2)	943.35
12/19/2005	63.82 (RW-1) 80.60 (RW-2)	244	< 5.0	97.95%	1.76E-02	969 (RW-1) 969 (RW-2)	960.44 [2]
1/24/2006	63.00 (RW-1) 78.85 (RW-2)	258	< 5.0	98.06%	1.83E-02	566 (RW-1) 566 (RW-2)	970.79
2/24/2006	67.00 (RW-1) 79.00 (RW-2)	390	< 5.0	98.72%	2.85E-02	673 (RW-1) 442 (RW-2)	989.97
3/22/2006	66.55 (RW-1) 0.00 (RW-2)	540	< 5.0	99.07%	1.80E-02	848 (RW-1) 0 (RW-2)	1,005.21 [2]
4/14/2006	65.46 (RW-1) 0.00 (RW-2)	560	< 5.0	99.11%	1.83E-02	395 (RW-1) 0 (RW-2)	1,012.46
5/23/2006	64.27 (RW-1) 0.00 (RW-2)	223	< 5.0	97.76%	7.17E-03	423 (RW-1) 0 (RW-2)	1,015.49
6/22/2006	64.76 (RW-1) 0.00 (RW-2)	567	< 5.0	99.12%	1.84E-02	918 (RW-1) 0 (RW-2)	1,032.35 [2]
7/20/2006	65.32 (RW-1) 0.00 (RW-2)	550	< 5.0	99.09%	1.80E-02	473 (RW-1) 0 (RW-2)	1,040.86
8/17/2006	63.60 (RW-1) 91.30 (RW-2)	258	< 5.0	98.06%	2.00E-02	719 (RW-1) 96 (RW-2)	1,055.23
9/19/2006	60.33 (RW-1) 90.31 (RW-2)	294	< 5.0	98.30%	2.22E-02	1016 (RW-1) 1016 (RW-2)	1,077.73 [2]
10/9/2006	59.18 (RW-1) 0.00 (RW-2)	666	< 5.0	99.25%	1.97E-02	209 (RW-1) 0 (RW-2)	1,081.85
11/1/2006	58.40 (RW-1) 0.00 (RW-2)	840	< 5.0	99.40%	2.45E-02	550 (RW-1) 0 (RW-2)	1,095.35
12/8/2006	56.70 (RW-1) 0.00 (RW-2)	474	< 5.0	98.95%	1.34E-02	1418 (RW-1) 0 (RW-2)	1,114.41 [2]
1/5/2007	54.22 (RW-1) 0.00 (RW-2)	405	< 5.0	98.77%	1.10E-02	85 (RW-1) 0 (RW-2)	1,115.35
2/26/2007	56.28 (RW-1) 0.00 (RW-2)	244	< 5.0	97.95%	6.87E-03	756 (RW-1) 0 (RW-2)	1,120.54
3/16/2007	52.37 (RW-1) 0.00 (RW-2)	281	< 5.0	98.22%	7.36E-03	505 (RW-1) 0 (RW-2)	1,124.26 [2]
6/15/2007	51.33 (RW-1) 0.00 (RW-2)	269 [5]	< 5.0	98.14%	6.91E-03	213 (RW-1) 0 (RW-2)	1,125.73 [2]
7/12/2007	52.26 (RW-1) 0.00 (RW-2)	257	< 5.0	98.05%	6.72E-03	266 (RW-1) 0 (RW-2)	1,127.52
8/10/2007	52.47 (RW-1) 0.00 (RW-2)	251	< 5.0	98.01%	6.59E-03	692 (RW-1) 0 (RW-2)	1,132.08
9/12/2007	51.57 (RW-1) 0.00 (RW-2)	295	< 5.0	98.31%	7.61E-03	1232 (RW-1) 0 (RW-2)	1,141.46 [2]
10/22/2007	50.10 (RW-1) 0.00 (RW-2)	247	< 5.0	97.98%	6.19E-03	504 (RW-1) 0 (RW-2)	1,144.58
11/13/2007	49.28 (RW-1) 0.00 (RW-2)	250	6.0	97.60%	6.16E-03	1019 (RW-1) 0 (RW-2)	1,150.85 [2]
1/28/2008	42.64 (RW-1) 0.00 (RW-2)	207	< 5.0	97.58%	4.42E-03	650 (RW-1) 0 (RW-2)	1,153.72
2/22/2008	44.75 (RW-1) 0.00 (RW-2)	241	< 5.0	97.93%	5.39E-03	473 (RW-1) 0 (RW-2)	1,156.28
3/14/2008	43.71 (RW-1) 0.00 (RW-2)	231	< 5.0	97.83%	5.05E-03	923 (RW-1) 0 (RW-2)	1,160.94 [2]
4/21/2008	40.16 (RW-1) 0.00 (RW-2)	209	< 5.0	97.60%	4.19E-03	480 (RW-1) 0 (RW-2)	1,162.95
5/14/2008	38.81 (RW-1) 0.00 (RW-2)	153	< 5.0	96.72%	2.96E-03	552 (RW-1) 0 (RW-2)	1,164.58
6/19/2008	40.21 (RW-1) 0.00 (RW-2)	205	< 5.0	97.56%	4.12E-03	1136 (RW-1) 0 (RW-2)	1,169.26 [2]
7/14/2008	39.96 (RW-1) 0.00 (RW-2)	308	< 5.0	98.38%	6.16E-03	317 (RW-1) 0 (RW-2)	1,171.21
8/6/2008	36.42 (RW-1) 0.00 (RW-2)	408	< 5.0	98.77%	7.43E-03	215 (RW-1) 0 (RW-2)	1,172.81
9/12/2008	33.56 (RW-1) 70.01 (RW-2)	277 (RW-1) 39.2 (RW-2)	< 5.0	95.36%	4.65E-03 (RW-1) 1.37E-03 (RW-2)	1,228 (RW-1) 838 (RW-2)	1,179.67 [2]
10/22/2008	19.22 (RW-1) 82.51 (RW-2)	91.9	< 5.0	94.56%	4.68E-03	483 (RW-1) 483 (RW-2)	1,181.93
11/21/2008	24.64 (RW-1) 79.18 (RW-2)	97.6	< 5.0	94.88%	5.07E-03	718 (RW-1) 718 (RW-2)	1,185.57
12/16/2008	24.55 (RW-1) 79.22 (RW-2)	80.6	< 5.0	93.80%	4.18E-03	740 (RW-1) 740 (RW-2)	1,188.67 [2]
1/13/2009	25.50 (RW-1) 78.57 (RW-2)	68.0	< 5.0	92.65%	3.54E-03	0.75 (RW-1) 0.75 (RW-2)	1,188.67
2/27/2009	29.98 (RW-1) 87.28 (RW-2)	81.0	< 5.0	93.83%	4.75E-03	157 (RW-1) 157 (RW-2)	1,189.42
4/1/2009	29.79 (RW-1) 86.99 (RW-2)	78.1	< 5.0	93.60%	4.56E-03	754 (RW-1) 754 (RW-2)	1,192.85 [2]
4/24/2009	29.38 (RW-1) 83.02 (RW-2)	89.1	< 5.0	94.39%	5.01E-03	527 (RW-1) 527 (RW-2)	1,195.50
5/14/2009	88.43 (RW-1) 82.80 (RW-2)	330 (RW-1) 15.0 (RW-2)	< 5.0	98.48%	1.46E-02 (RW-1) 6.21E-04 (RW-2)	305 (RW-1) 408 (RW-2)	1,200.20
7/1/2009	86.12 (RW-1) 84.37 (RW-2)	152.8	< 5.0	96.73%	6.58E-03	157 (RW-1) 157 (RW-2)	1,201.24
10/28/2009	90.59 (RW-1) 84.78 (RW-2)	109.6	7.7	92.97%	4.97E-03	621 (RW-1) 621 (RW-2)	1,204.32
11/17/2009	92.34 (RW-1) 84.78 (RW-2)	321.3 (RW-1) 13.9 (RW-2)	< 5.0	98.44%	1.48E-02 (RW-1) 5.9E-04 (RW-2)	440 (RW-1) 27 (RW-2)	1,210.87
12/23/2009	88.69 (RW-1) 0.00 (RW-2)	525.3	< 5.0	99.05%	2.33E-02	865 (RW-1) 0 (RW-2)	1,231.02
3/1/2010	65.06 (RW-1) 66.18 (RW-2)	338.0 (RW-1) 13.0 (RW-2)	< 5.0	98.52%	1.10E-02 (RW-1) 4.3E-04 (RW-2)	721 (RW-1) 136 (RW-2)	1,239.02
3/25/2010	79.42 (RW-1) 79.42 (RW-2)	392.6 (RW-1) 13.0 (RW-2)	< 5.0	98.73%	1.56E-02 (RW-1) 5.2E-04 (RW-2)	638 (RW-1) 523 (RW-2)	1,249.24
4/29/2010	138.00 (RW-1) 66.42 (RW-2)	637.0 (RW-1) 13.0 (RW-2)	< 5.0	99.22%	4.40E-02 (RW-1) 4.3E-04 (RW-2)	464 (RW-1) 275 (RW-2)	1,269.74
5/27/2010	128.63 (RW-1) 0.00 (RW-2)	560.0	< 5.0	99.11%	3.60E-02	671 (RW-1) 0 (RW-2)	1,293.93
6/24/2010	124.45 (RW-1) 0.00 (RW-2)	510.6	< 5.0	99.02%	3.18E-02	822 (RW-1) 0 (RW-2)	1,320.06

NOTES:
1. Total mass of VOC recovered through December 31, 2004 based on information contained in the Fourth Quarter 2004 Operation and Maintenance Report prepared by Blue Water Environmental Inc.
2. Estimated through the end of the reporting period.
3. Extraction well RW-2 restarted on 7/5/05 @16:20. Mass removal rates reflect operation of both extraction wells RW-1 and RW-2.
4. Performance results for the reporting period are shaded.
5. COMB-INF result approximated as average of 3/16/07 and 7/12/07 results due to laboratory reporting error.

ABBREVIATIONS
gpm: gallons per minute
ug/L: micrograms per liter
lb/hr: pounds per hour

ATTACHMENT D

UST REMOVAL AND LIMITED SITE SOIL AND GROUNDWATER INVESTIGATION REPORT

UNDERGROUND STORAGE TANK REMOVAL AND LIMITED SITE SOIL AND GROUNDWATER INVESTIGATION REPORT

ACTIVE INDUSTRIAL UNIFORM SITE
63 MONTAUK HIGHWAY
LINDENHURST, NEW YORK

Prepared for:

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
ALBANY, NEW YORK

Prepared by:

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
WOODBURY, NEW YORK

MAY 2011

ACTIVE INDUSTRIAL UNIFORM SITE
UNDERGROUND STORAGE TANK REMOVAL AND
LIMITED SITE SOIL AND GROUNDWATER INVESTIGATION REPORT

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1.0 INTRODUCTION

As presented in Quarterly Report No. 22 (Q22) for the Active Industrial Uniform site, two underground storage tanks (USTs) were encountered to the west of the treatment system building in April 2010, during an excavation in support of a borescope of the treatment system effluent piping. In accordance with direction from the New York State Department of Environmental Conservation (NYSDEC), both USTs, including several additionally identified below-grade structures, and associated contaminated soil were excavated and removed. In addition, and at the request of the NYSDEC, a limited site soil and groundwater investigation was undertaken at the site following the removal of the USTs, consisting of the investigation of several dry wells and the "pre-characterization" of soil in the southwestern portion of the site.

Environmental Assessment and Remediation (EAR) performed all UST removal, excavation and sample collection activities, and Dvirka and Bartilucci Consulting Engineers (D&B) provided all data management, assessment and evaluation services.

This document presents a discussion of the field activities and analytical data associated with the removal of the two USTs, the identification of below-grade structures and contaminated soil, followed by a discussion of the limited site soil and groundwater investigation.

1.1 Site Description and Background

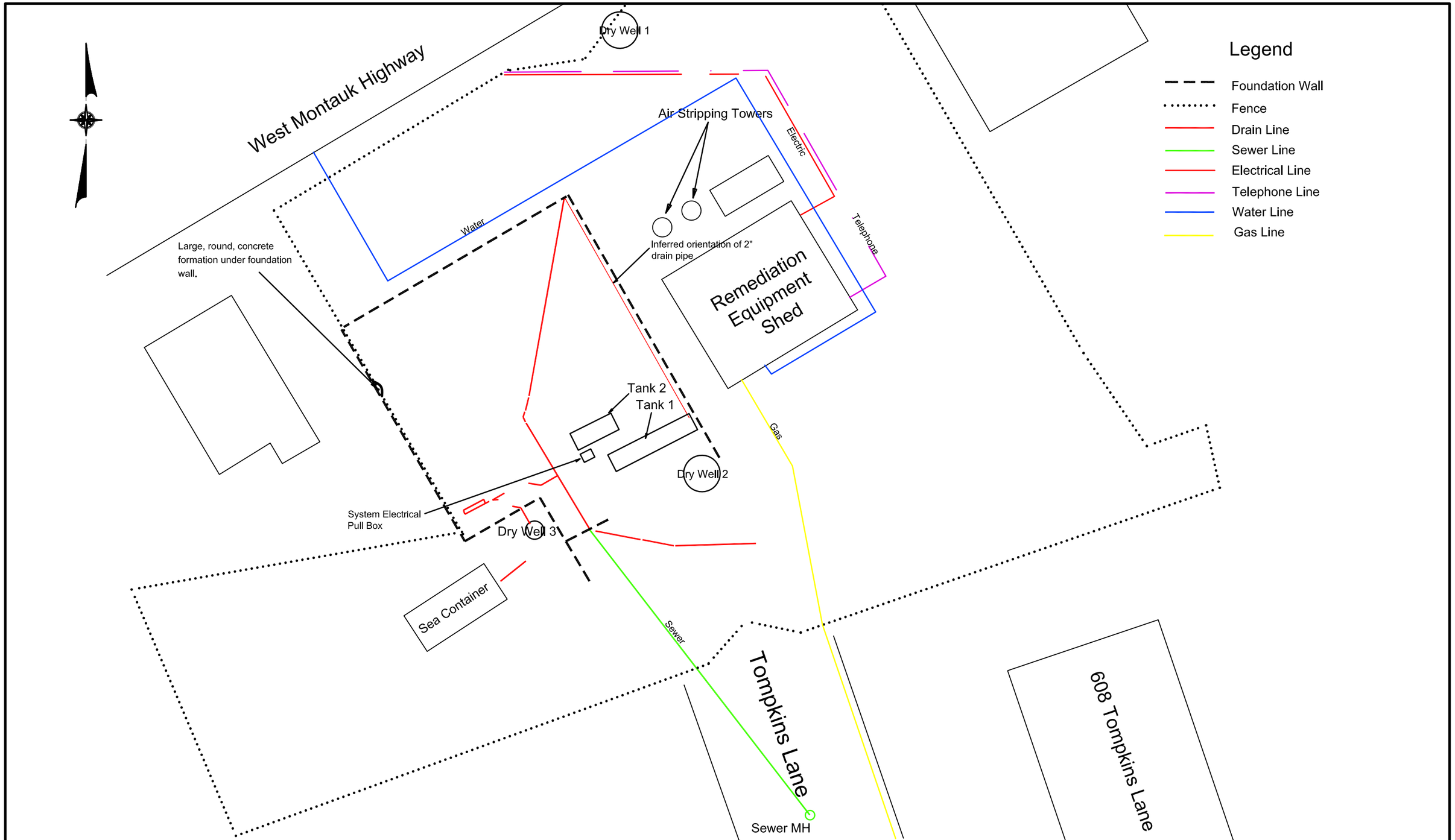
The Active Industrial Uniform site, located at 63 Montauk Highway in the Village of Lindenhurst, Suffolk County, New York, is a NYSDEC Class 2 Inactive Hazardous Waste Site and is listed on the New York State Registry of Inactive Hazardous Waste Sites (Site No. 1-52-125). The facility operated as a dry cleaner and a laundromat until 1987, when the facility ceased dry cleaning operations and continued laundering services until 1993. It is believed that the dry cleaner building was once located in the area to the west of the treatment system building. In addition, a "sea container" metal storage structure, which was removed from the site following the UST removals, was located to the southwest of the treatment system building.

Three separate soil and groundwater investigations were conducted at the site between 1985 and 1998. These investigations identified chlorinated volatile organic compound (VOC)-contaminated soil and groundwater both on-site and off-site. Several USTs were reported to have been removed from the site between 1985 and 1987. In addition, several dry wells and associated chlorinated VOC-contaminated soil were removed from the site in 2000. The current on-site groundwater treatment system was installed by the NYSDEC in 2001 and has been actively pumping and treating on-site and off-site chlorinated VOC-contaminated groundwater since this time.

In April 2010, while excavating a trench in support of a borescope investigation of a suspected blocked treatment system effluent pipe EAR encountered two USTs and associated below grade piping approximately 40 feet west of the treatment system building (see Figure 1-1).

Based on D&B's review of the December 1998 Phase II Remedial Design Investigation Report, these two USTs are referred to as a "closed in-place No. 2 fuel oil storage tank" and a "closed-in-place wash water holding tank," hereinafter referred to as "Tank 1" and "Tank 2," respectively. EAR observed Tank 1 to be partially filled with sand and Tank 2 was observed to be partially filled with semi-cured cement and a small amount of liquid, which appeared to be water. It is likely that these USTs were filled with sand and/or concrete sometime between 1985 and 1987, when it was reported that several USTs were removed from the site. However, this information is not provided in available records and it is unclear why these USTs were not removed as part of the UST removal activities performed between 1985 and 1987.

The analysis of a sample collected from the liquid contents of Tank 2 indicated that the liquid contents contained elevated concentrations of chlorinated volatile organic compounds (VOCs).



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CONSULTING ENGINEERS
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ACTIVE INDUSTRIAL UNIFORM SITE
UNDERGROUND STORAGE TANK REMOVAL AND LIMITED SITE SOIL
AND GROUNDWATER INVESTIGATION REPORT

SITE PLAN

SCALE: 1'=20'

FIGURE 1-1

F:\2578\DB Site Plan.dwg, 5/26/2011 2:39:19 PM, Adobe PDF

Subsequent to identifying the USTs and below grade pipes, and as directed by the NYSDEC, EAR retained a geophysical contractor to perform a geophysical survey of the entire site in order to identify any additional below grade structures. The geophysical survey, performed on April 28, 2010, consisted of an electromagnetic (EM) survey and a ground penetrating radar (GPR) survey. Several anomalies indicative of dry wells and below grade piping were identified to the northwest and southwest of the treatment system building during the geophysical survey.

At the direction of the NYSDEC, the two identified USTs and any associated contaminated soil were to be removed and properly disposed. UST removal activities were initiated by EAR on April 30, 2010. In addition, the subsurface anomalies identified during the geophysical survey were investigated during the UST removal excavation. Three dry wells and several below grade drainage structures, including a buried floor drain, trap, valve and piping, were identified to the west of the treatment system building.

Excavated soil associated with the removal of the USTs and below grade drainage structures exhibited elevated total VOC concentrations, as measured with a photoionization detector (PID), with a maximum concentration of 3,751 ppm detected immediately beneath the buried floor drain identified to the west of the treatment system building. A table summarizing PID concentrations obtained in the field during the removal activities is provided in Appendix A. In addition, piping identified approximately 50 feet west of the treatment system building was observed by EAR to be leaking a strong smelling sludge.

As a result of the UST/drainage structure excavation and removal, the NYSDEC directed D&B to conduct a limited soil and groundwater investigation in the southwest portion of the site. The scope of work included provision for the collection of soil and groundwater samples from locations immediately downgradient of several of the identified dry wells and in the southwestern portion of the site. The details of the investigation are presented in Section 2.0.

All below grade structure and soil removal activities were conducted by EAR, in accordance with the NYSDEC Division of Environmental Remediation (DER)-10 Technical Guidance for Site Investigation and Remediation, dated May 2010. Based on observed contamination, the NYSDEC provided EAR with further direction regarding endpoint sampling frequency and endpoint analysis requirements. All site investigation work was completed by EAR in general conformance with the May 25, 2010 scope of work. Dvirka and Bartilucci Consulting Engineers (D&B) managed and evaluated all data and performed all reporting activities associated with the UST removals, and the limited soil and groundwater investigation.

Section 2.0 presents and discusses the scope of work of the field program, Section 3.0 presents and evaluates the analytical results of the sample collection and analytical results and Section 4.0 reviews the conclusions and recommendations of the overall program.

2.0 SCOPE OF WORK

The following subsections provide a detailed description of the remedial and field investigation activities completed at the Active Industrial Uniform site. These activities included:

- Removal of the two identified USTs, associated below grade drainage structures and contaminated soil; and
- Completion of a limited site soil and groundwater investigation, consisting of the investigation of several dry wells and the "pre-characterization" of an area in the southwest portion of the site.

As described in Section 1.0, a geophysical survey, consisting of an electromagnetic (EM) survey and a ground penetrating radar (GPR) survey, was performed at the site on April 28, 2010 in order to identify any additional below grade drainage structures, following discovery of the USTs. Several anomalies were identified during the geophysical survey, and are described below.

2.1 UST and Below Grade Structure Removals

The following section provides a detailed description of the remedial activities associated with the removal of the two identified USTs, along with the associated buried floor drain, trap, valve and piping and contaminated soil at the Active Industrial Uniform site. As detailed on Figure 1-1, the USTs were located approximately 40 feet west of the treatment system building. Photographs of the UST excavation and removal activities are provided in Appendix B.

All UST removal activities were performed by EAR in accordance with the DER-10, dated May 2010. The removal of the USTs was initiated by saw-cutting and demolishing the overlying asphalt and concrete slabs utilizing a gas-powered saw and an excavator. As shown in Photo No. 3, the USTs were located to the west of the treatment system building approximately 1 foot below grade. Tank 1 (approximately 2,000 gallon capacity) was aligned in an east-west orientation and Tank 2 (approximately 550 gallon capacity) was aligned in a north-south orientation. As shown in Photo No. 4, both USTs were buried in soil without secondary

containment structures or vaults. The soil surrounding the USTs consisted predominantly of a brown to tan, fine to medium silty sand fill with fine to coarse gravel. As shown in Photo No. 5, slight to moderate staining (predominantly noted underlying Tank 1), a moderate to strong odor and elevated PID readings of up to 9.1 ppm was detected in soil surrounding the USTs.

Prior to removal, each UST was cut open with a blowtorch and the contents were removed and stockpiled utilizing an excavator. Tank 1 did not contain any liquid; however, Tank 2 contained approximately 30 gallons of liquid which appeared to be water. Prior to removal, the liquid was pumped from Tank 2 and conveyed to the on-site treatment system.

Sampling associated with the removal of the two USTs, below grade drainage structures and contaminated soil was performed in accordance with the DER-10, dated May 2010. The maximum volume of contaminated soil was excavated from the excavation areas in order to remove as much residual contamination from the site as feasibly possible, without compromising the structural integrity of the adjacent asphalt and concrete.

The excavation was initiated at the tank location and then extended to the north and west to encompass the associated below grade drainage structures. As discussed below, several samples were collected in association with these buried drainage structures. In general, the soil recovered from the northern and eastern portions of the excavation exhibited only minor evidence of visible contamination. Soil recovered from the western and southern portions of the excavation exhibited greater evidence of contamination, including black staining, strong odors and elevated PID readings of up to 3,751 ppm, detected beneath the below grade floor drain.

Based on visual observation during the excavation, it appears that the drainage structures were connected by a network of piping to Tank 2. In addition, several below grade pipes were observed to be connected to a sewer pipe, which was observed to extend in a southerly direction from the southern UST excavation limits.

Based on data provided by EAR, the completed excavation area encompassed approximately 4,201 square feet and, based on the excavation depth ranges provided by EAR,

resulted in the removal of approximately 300 to 360 cubic yards of soil. The total depth of the excavation ranged from approximately 2 to 12 feet below grade, with the deeper excavation areas generally located in the southern portions of the excavation area. Excavation limits are depicted on Figure 2-1. In an effort to minimize excavating below the water table, the excavation was not extended beyond 12 feet below ground surface. In addition, although PID readings of up to 8.4 ppm indicated elevated VOC concentrations remained in the southwestern portion of the excavation area, the NYSDEC requested that further excavation activities be halted in order to review the collected sample data and consider further remedial options.

Following excavation and removal, the USTs were recycled at Gershow Recycling of Lindenhurst, New York, and the excavation area was backfilled with clean fill. The below grade piping removed from the excavation was not recycled, due to the presence of visible contamination. At this time, the pipes remain on-site and are staged on poly sheeting, as the NYSDEC evaluates disposal options.

In addition, the concrete and demolished building foundation fragments are currently staged on poly-sheeting on-site, as the NYSDEC evaluates disposal options.

All excavated soil was stockpiled on site following removal. After reviewing soil disposal options, the NYSDEC decided that the excavated soil would be ex-situ remediated on site and re-used in the western portion of the site subsequent to its remediation. Soil remediation would be accomplished by loading the soil into an enclosure equipped with a pressure blower. The enclosure effluent would then be piped into the groundwater treatment system carbon vessels. Ex-situ soil remediation began on September 30, 2010 and is currently ongoing.

Presented and discussed below is a detailed description of the soil sample collection and analysis associated with the tank excavation program. All sample locations are provided on Figure 2-2, and all sample nomenclature and analytical parameters are provided on Table 2-1.

West Montauk Highway

MW-101

Dry Well 1

MW-102

Air Stripping Towers

MW-103

Inferred orientation of 2" drain pipe

Large, round, concrete formation under foundation wall.

Remediation Equipment Shed

MW-5S

MW-104

SGP

MW-105

Tank 2

Tank 1

Dry Well 2

System Electrical Pull Box

Dry Well 3

MW-106

MW-107

Sea Container

RW-1

MW-108

Tompkins Lane

608 Tompkins Lane

Legend

- Foundation Wall
- Fence
- Drain Line
- Excavation Boundary
- Monitoring Well
- Excavated 0 to 2 ft. BGS
- Excavated 3 ft. BGS
- Excavated 5 to 6 ft. BGS
- Excavated 6 to 7 ft. BGS
- Excavated 9 ft. BGS
- Excavated 9 to 12 ft. BGS

Notes: Majority of soil excavated from 0 to 2 ft BGS overturned and field screened. Not stockpiled.

NOTE: ALL DATA PROVIDED BY ENVIRONMENTAL ASSESSMENT AND REMEDIATIONS

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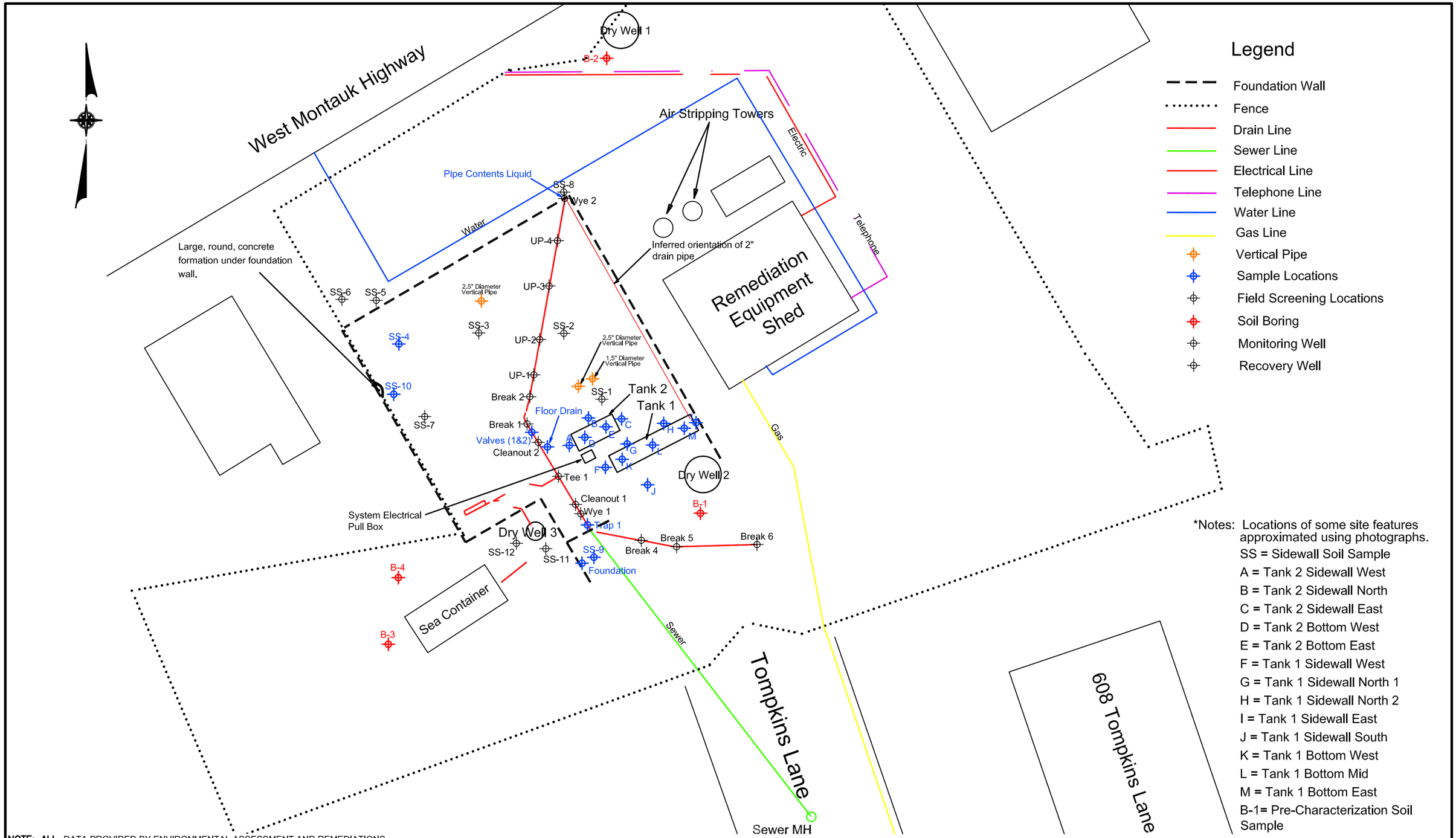
ACTIVE INDUSTRIAL UNIFORM SITE
UNDERGROUND STORAGE TANK REMOVAL AND LIMITED SITE SOIL AND GROUNDWATER INVESTIGATION REPORT

EXCAVATION BOUNDARIES AND DEPTHS

SCALE: 1" = 20'

FIGURE 2-1

F:\2578\DB Excavation Boundaries & Depths.dwg, 5/26/2011 2:40:16 PM, Adobe PDF



NOTE: ALL DATA PROVIDED BY ENVIRONMENTAL ASSESSMENT AND REMEDIATIONS

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ACTIVE INDUSTRIAL UNIFORM SITE
UNDERGROUND STORAGE TANK REMOVAL AND LIMITED SITE SOIL AND GROUNDWATER INVESTIGATION REPORT

SAMPLE LOCATION MAP

SCALE: 1'=20'

FIGURE 2-2

F:\2578\DB Drain Excavation Map_9-10-10.dwg, 5/26/2011 2:40:59 PM, Adobe PDF

TABLE 2-1

ACTIVE INDUSTRIAL UNIFORM SITE
UNDERGROUND STORAGE TANK REMOVAL AND LIMITED SITE INVESTIGATION REPORT
SAMPLE SUMMARY TABLE

		Analysis				
Sample ID	**Sample Matrix**	**8260 VOCs**	**TCLP VOCs**	**RCRA Metals**	**TCLP Metals**	**TPHs**
Tank 1						
Tank 1 Bottom East	Soil		X		X	X
Tank 1 Bottom Mid	Soil		X		X	X
Tank 1 Bottom West	Soil		X		X	X
Tank 1 Sidewall North 1	Soil		X		X	X
Tank 1 Sidewall North 2	Soil		X		X	X
Tank 1 Sidewall South	Soil	X		X	X	X
Tank 1 Sidewall South EP	Soil		X		X	X
Tank 1 Sidewall East	Soil		X		X	X
Tank 1 Sidewall West	Soil		X		X	X
Tank 1 Solid Contents	Sand	X		X	X	X
Tank 1 Contents Composite	Sand		X		X	X
Tank 2						
Tank 2 Bottom East	Soil	X				
Tank 2 Bottom West	Soil	X				
Tank 2 Sidewall North	Soil	X				
Tank 2 Sidewall South	Soil	X				
Tank 2 Sidewall East	Soil	X				
Tank 2 Sidewall West	Soil	X				
Tank 2 Solid Contents	Concrete Slurry	X				
Tank 2 Liquid Contents	Liquid	X				
Southern and Western Excavation Sidewalls						
SS-04 (surface)	Soil	X				
SS-04 (3 feet)	Soil	X				
SS-04 (6 feet)	Soil	X				
SS-09 (3 feet)	Soil	X				
SS-09 (6 feet)	Soil	X				
SS-09 (9 feet)	Soil	X				
SS-09	Groundwater	X				
SS-10 (3 feet)	Soil	X				
SS-10 (6 feet)	Soil	X				
Below Grade Drainage Structures						
Floor Drain	Soil	X				
Trap-01 (surface)	Soil	X				
Trap-01 (3 feet)	Soil	X				
Trap-01 (6 feet)	Soil	X				
Trap-01 (9 feet)	Soil	X				
Valve-02 (surface)	Soil	X				
Valve-03 (3 feet)	Soil	X				
Valve-06 (6 feet)	Soil	X				
Valve-09 (9 feet)	Soil	X				
Pipe Contents	liquid	X				
Concrete and Foundation Fragments						
Concrete		X				
Foundation		X				
Drywells						
B-02 (12 to 14 feet)	Soil	X				
B-02 (7.5 to 9.5 feet)	Groundwater	X				
B-01 (10 to 12 feet)	Soil	X				
B-01 (7 to 9 feet)	Groundwater	X				
Southwestern Area Pre-Characterization						
B-03 (0 to 2 feet)	Soil	X				
B-03 (4 to 6 feet)	Soil	X				
B-03 (9 to 11 feet)	Groundwater	X				
B-04 (2 to 4 feet)	Soil	X				
B-04 (10 to 12 feet)	Groundwater	X				
Excavation Backfill						
Ranco Sand	Sand	X				
RCA Fill	RCA	X				
RCA Global	RCA	X				

USTs

Upon completion of the UST excavation, a total of three endpoint and six sidewall soil samples were collected in association with Tank 1 and a total of two endpoint and four sidewall soil samples were collected in association with Tank 2 for expedited laboratory analysis. In order to characterize the contents of each UST, two solid samples were collected from the contents of Tank 1, and one solid sample and one liquid sample were collected from the contents of Tank 2.

Southern and Western Excavation Sidewalls

A total of eight soil samples were collected at various depths from three soil sample locations in the western and southern portions of the UST excavation in order to characterize the post-excavation soil conditions. In addition, one groundwater sample was collected from this area.

Below Grade Drainage Structures

In order to characterize soil underlying the below grade structures identified to the west of the treatment system building during the project, a total of nine soil samples were collected at various depths prior to the removal of the structures and any associated contaminated soil. During the excavation of stained soil beneath a section of piping to the west of the treatment system, this piping was observed to be leaking a strong-smelling, viscous, sludge-like liquid. Accordingly, one sludge sample was collected from the pipe contents.

Concrete and Foundation Fragments

In order to characterize the concrete and foundation fragments removed during the excavation for disposal purposes, a total of two concrete samples were collected from the concrete debris staged on-site.

2.2 Limited Site Soil and Groundwater Investigation

This subsection presents a discussion of the limited site soil and groundwater investigation completed at the Active Industrial Uniform site. As detailed above, the limited site soil and groundwater investigation scope of work was drafted by D&B based on a May 25, 2010 conference call between representatives of D&B, EAR and the NYSDEC. The limited site soil and groundwater investigation was completed in order to assess the need for additional remedial actions following the excavation of the USTs and associated below grade structures, and consisted of the investigation of two dry wells identified during the geophysical survey, and the "pre-characterization" of an area in the southwestern portion of the site. The limited site soil and groundwater investigation was completed utilizing direct-push soil boring technology in general conformance with the May 25, 2010 scope of work.

Below is a detailed description of the dry well investigations and southwestern area "pre-characterization" sample collection and analyses. All sample locations are provided on Figure 2-2, and all sample nomenclature and analytical parameter information is provided on Table 2-1. Boring logs were prepared by EAR for each soil boring detailed below, and are provided in Appendix D.

Dry Well Investigation

As stated above, a geophysical survey, consisting of an electromagnetic (EM) survey and a ground penetrating radar (GPR) survey, was performed on April 28, 2010 in order to identify any below grade drainage structures present at the site. Two anomalies likely to be dry wells were identified during the geophysical survey. As shown on Photo Nos. 17 and 18, these anomalies were subsequently excavated and dry wells were identified in both areas. One dry well ("Dry Well 1") is located approximately 50 feet north of the treatment system building and another dry well ("Dry Well 2") is located approximately 20 feet southwest of the treatment system building. The dry wells were then uncovered and observed to be filled to approximately 1-foot below the top ring structures with soil and debris. Following the visual inspection of the

two dry wells, the NYSDEC directed EAR to abandon the dry wells in place and backfill the dry well excavations.

In order to characterize soil associated with the two dry wells, one soil boring was advanced immediately downgradient of each Dry Well 1 and 2, were one soil and one groundwater sample were collected.

In addition, one additional dry well was identified during further excavation activities in the south portion of the excavation area, approximately 12 feet east of the sea container. One additional suspected dry well structure was identified to the west of the excavation area, along the western fence line. The majority of this structure is located beneath the commercial property abutting the west of the site property. Note that soil samples were not collected in association with either of these structures.

Dry Well 1

In general accordance with the May 25, 2010 scope of work, one soil boring was advanced immediately downgradient of Dry Well 1 in order to further investigate this structure. Soil samples were collected continuously from grade to approximately 18 feet below grade. The recovered soil was predominantly a tan to brown fine to coarse sand with some clay present at approximately 10 feet below grade. PID readings ranged from 0.8 ppm to a maximum concentration of 21.5 ppm detected in the 12 to 14 foot sample interval. Based on review of the associated boring log, strong odors were noted from 8 to 14 feet below grade. One soil sample was collected from 12 to 14 feet below grade and one groundwater sample was collected from 7.5 to 9.5 feet below grade for laboratory analysis.

Dry Well 2

In general accordance with the May 25, 2010 scope of work, one soil boring was advanced immediately downgradient of Dry Well 2 in order to further investigate this structure. Soil samples were collected continuously from grade to approximately 18 feet below grade. The

recovered soil was predominantly a tan to brown fine to coarse sand with some silt and fine gravel present throughout the boring. PID readings ranged from 0.0 ppm to a maximum concentration of 1.3 ppm detected in the 12 to 14 foot interval. Based on review of the associated boring log, a moderate odor was noted from 12 to 14 feet below grade. One soil sample was collected from 10 to 12 feet below grade and one groundwater sample was collected from 7.0 to 9.0 feet below grade for laboratory analysis.

Southwestern Area Pre-Characterization

In general accordance with the May 25, 2010 scope of work, two pre-characterization soil borings were advanced in the southwestern portion of the site, in order to assess soil and groundwater quality and the potential need for additional remedial action in this area.

As depicted on Figure 2-2, one soil boring was advanced approximately eight feet west of the sea container. Soil samples were collected continuously from grade to approximately 14 feet below grade. The recovered soil was predominantly a tan to light brown fine to medium sand with some clay present in the first four feet of the soil boring. PID readings collected in this area ranged from 0.0 ppm to a maximum concentration of 2,452 ppm, detected in the 0 to 2-foot interval, with a slight to moderate odor noted from 0 to 12 feet below grade. Two subsurface soil samples were collected at depths of 0 to 2 feet and 4 to 6 feet below grade, and one groundwater sample was collected from 9 to 11 feet below grade for laboratory analysis.

As depicted on Figure 2-2, one soil boring was advanced approximately eight feet north of the sea container. Soil samples were collected continuously from grade to approximately 14 feet below grade. The recovered soil was predominantly a tan/orange to dark brown, fine to coarse sand with some clay present in the 4 to 8 foot interval. PID readings collected in this area ranged from 0.0 ppm to a maximum concentration of 2.5 ppm detected in the 2 to 4-foot interval, with no odors detected. One subsurface soil sample was collected from 2 to 4 feet below grade and one groundwater sample was collected from 10 to 12 feet below grade for laboratory analysis.

2.3 Excavation Backfill and Site Restoration

Based on information provided by EAR, approximately 300 to 360 cubic yards of clean fill consisting of a fine to medium sand overlain by a course of recycled concrete aggregate (RCA) was used to backfill the excavation. Excavators were used to spread the backfill and the backfill was compacted in 1-foot lifts with gas-powered tampers. Excavation backfill sample results are discussed in Section 3.3.

3.0 SAMPLE RESULTS

The following subsections present a detailed discussion and evaluation of the analytical results of samples collected in association with the remedial and investigative activities completed at the Active Industrial Uniform site. Sample analysis was completed by TestAmerica and H2M Laboratories, Inc. on an expedited 24-hour turnaround basis. TestAmerica and H2M Laboratories are New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-approved laboratories.

All sample locations are provided on Figure 2-2, and all sample nomenclature and analytical parameters are provided on Table 2-1. All soil samples collected for Method 8260 VOC and Resource Conservation Recovery Act (RCRA) metals analyses were compared to Residential Soil Cleanup Objectives (SCOs). All soil samples collected for toxicity characteristic leaching procedure (TCLP) VOC and metals analyses were compared to the NYSDEC TCLP regulatory limits. All groundwater and liquid samples were compared to the Class GA Groundwater Standards and Guidance Values. All sample results are provided in Appendix C.

3.1 UST and Below Grade Drainage Structure Excavation Sample Results

The following presents the analytical results of the samples collected in association with the removal of the two identified USTs, the below grade drainage structures and associated contaminated soil at the Active Industrial Uniform site. All analytical data are summarized on Tables 1 through 15, provided in Appendix C.

Tank 1

All analytical data associated with the samples collected in relation to Tank 1 are provided on Tables 1 through 5.

TCLP benzene and two TCLP chlorinated VOCs including tetrachloroethylene (PCE) and trichloroethylene (TCE) were detected in one or more of the three collected endpoint soil

samples. In addition, two TCLP metals, including barium and lead, and diesel range organic (DRO) TPHs were detected in one or more of the three endpoint soil samples. However, VOCs and metals were not detected at concentrations in exceedance of their respective TCLP regulatory limits, and there are currently no regulatory soil cleanup standards for diesel range TPHs.

Several Method 8260 and TCLP VOCs were detected in one or more of the six collected sidewall soil samples. Constituents include PCE, TCE, cis-1,2-dichloroethylene (cis-1,2-DCE), trans-1,2-dichloroethylene (trans-1,2-DCE), vinyl chloride (VC), several TCLP and total metals, and DRO TPHs. However, all VOCs and metals were detected at concentrations well below their respective TCLP regulatory limits and Residential SCOs in all sidewall soil samples, and there are currently no regulatory soil cleanup standards for TPHs.

Two chlorinated VOCs including PCE and TCE, and several metals were detected in one or more of the two collected tank contents soil samples. However, all VOCs and metals were detected at concentrations well below their respective TCLP regulatory limits and Residential SCOs in the two tank contents samples. In addition, DRO and gasoline range organic (GRO) TPHs were detected at concentrations of 900,000 ug/kg and 13,000 ug/kg, respectively in the Tank 1 Contents Composite sample. This is expected due to the tanks's history as a fuel oil storage tank. However, only one of the three endpoint and one of the six sidewall samples exhibited TPH concentrations (both DRO), neither of which exceeded 150,000 ug/kg. In addition, there are currently no regulatory soil cleanup standards for TPHs.

Tank 2

All analytical data associated with the samples collected in relation to Tank 2 are provided on Tables 6 and 7.

PCE was detected in both of the collected endpoint soil samples at a concentration of 22.0 ug/kg, well below the Residential SCO of 5,500 ug/kg. No other VOC was detected in either collected endpoint soil sample.

Several VOCs, including cis-1,2-DCE, PCE and TCE, were detected in one or more of the four collected sidewall samples. However, these compounds were not detected at concentrations exceeding their respective Residential SCOs.

One sample was collected in order to determine contaminant concentrations associated with the semi-cured concrete within Tank 2. Acetone, at a concentration of 7.0 ug/kg, was the only VOC detected, which was detected at a concentration well below its Residential SCO of 100,000 ug/kg. Note that acetone is a typical laboratory contaminant.

One sample was collected to determine contaminant concentrations associated with the liquid within Tank 2. Analytical results indicate that PCE was detected at a concentration of 67.0 ug/kg, in exceedance of its Class GA Groundwater Standard of 5.0 ug/l. In addition, TCE was detected at a concentration of 4.0 ug/kg, below its Class GA Groundwater Standard of 5.0 ug/l. The liquid contained within Tank 2 was pumped out and conveyed to the treatment system prior to removal of the UST.

Southern and Western Excavation Sidewalls

All analytical data associated with the samples collected in relation to the western and southern sidewalls of the excavation are provided on Tables 8 and 9.

PCE was detected in exceedance of its SCO of 5,500 mg/kg in sidewall soil samples SS-04 (surface) and SS-04 (3 feet), at concentrations of 190,000 mg/kg and 14,000 mg/kg, respectively. However, PCE was detected at a concentration well below its respective Residential SCO in soil sample SS-04 (6 feet) and no other VOCs were detected at concentrations in exceedance of their respective Residential SCOs in any other sidewall soil sample collected from this sample location. In addition, as depicted on Figure 2-1, the excavation was extended to approximately 6 to 7 feet below grade in this area and, in an effort to remove as much contaminated soil from the site as feasible, the excavation was extended to the north and west of sidewall sample location SS-04.

PCE was detected at a concentration of 7,800 mg/kg in sidewall soil sample SS-09 (6 feet), in exceedance of its SCO of 5,500 mg/kg. However, PCE was detected at a concentration well below its Residential SCO in sidewall sample SS-09 (9 feet), and no other VOCs were detected at concentrations in exceedance of their respective Residential SCOs in any other sidewall sample collected from this location. In addition, as depicted on Figure 2-1, the excavation was extended to approximately 9 to 12 feet below grade in this area, and in an effort to remove as much contaminated soil from the site as feasible, the excavation was extended to the south and west of sidewall sample location SS-09.

PCE was detected at a concentration of 240,000 mg/kg, in exceedance of its SCO of 5,500 mg/kg in sidewall soil sample SS-10 (3 feet). PCE was not detected in sidewall soil sample SS-10 (6 feet), and no other VOCs were detected at concentrations in exceedance of their respective Residential SCOs in the other sidewall sample collected from this location. In addition, as depicted on Figure 2-1, the excavation was extended to approximately 6 to 7 feet below grade in this area, and in an effort to remove as much contaminated soil from the site as feasible, the excavation was extended to the north and west of sidewall sample location SS-10.

As the excavation in the vicinity of sample location SS-09 extended slightly below the water table, one groundwater sample was collected at sample location SS-09. Cis-1,2-DCE, at a concentration of 83.0 ug/l; PCE, at a concentration of 270 mg/kg; and TCE, at a concentration of 45.0 ug/l, were detected in exceedance of their respective Class GA Groundwater Standards of 5.0 ug/l. In addition, VC was detected at a concentration of 16.0 mg/kg, in exceedance of its Class GA Groundwater Standard of 2.0 ug/l. No other VOCs were detected at concentrations exceeding Class GA Groundwater Standards.

Below Grade Drainage Structures

Below Grade Floor Drain

As summarized on Table 10, several chlorinated VOCs were detected at concentrations exceeding their respective Residential SCOs. These include: PCE, at a concentration of 160,000,000 ug/kg, was detected in exceedance of its Residential SCO of 5,500 ug/kg; TCE, at a concentration of 6,000,000 ug/kg, was detected in exceedance of its Residential SCO of 10,000 ug/kg; cis-1,2-DCE, at a concentration of 65,000 ug/k, was detected in exceedance of its Residential SCO of 59,000 ug/kg and VC, at a concentration of 1,000 ug/kg, was detected in exceedance of its Residential SCO of 210 ug/kg. In addition, 1,3,5-trimethylbenzene, at a concentration of 260,000 ug/kg, was detected in exceedance of its Residential SCO of 47,000 ug/kg .

The area where the Floor Drain sample was collected was excavated to approximately 5 to 6 feet below grade following the removal of the floor drain structure.

Below Grade Trap

As summarized on Table 11, two chlorinated VOCs were detected at concentrations exceeding their respective Residential SCOs in soil samples Trap-01 (surface) and Trap-01 (3 feet). These include: PCE, at concentrations of 3,000,000 ug/kg and 14,000 ug/kg was detected in exceedance of its Residential SCO of 5,500 ug/kg, in soil samples Trap-01 (surface) and Trap-01 (3 feet), respectively; and TCE was detected in soil sample Trap-01 (surface), at a concentration of 240,000 ug/kg, in exceedance of its Residential SCO of 10,000 ug/kg. However, VOCs were not detected in exceedance of their respective Residential SCOs in the soil samples collected from 6 and 9 feet below the trap. In addition, the area where the Trap samples were collected was excavated to approximately 9 to12 feet below grade following the removal of the trap structure.

Below Grade Valve

As summarized on Table 12, PCE was detected at a concentration of 24,000 ug/kg, exceeding its Residential SCO of 5,500 in soil sample Valve-02 (surface), collected immediately beneath the valve. However, VOCs were not detected in exceedance of their respective Residential SCOs in the soil samples collected from 3, 6 and 9 feet below grade beneath the valve. In addition, the area where the valve samples were collected was excavated to approximately 9 feet below grade following the removal of the valve structure.

Below Grade Fractured Pipe

As summarized on Table 13, three chlorinated VOCs were detected in the fractured pipe liquid sample (Pipe Contents) at concentrations in exceedance of their respective Class GA Groundwater Standards of 5.0 ug/l. These include: cis-1,2-DCE, at a concentration of 44.0 ug/l; PCE, at a concentration of 370 ug/l; and TCE, at a concentration of 150 ug/l. No other VOCs were detected at concentrations exceeding their respective Class GA Standards and Guidance Values. In addition, the area beneath the pipe fracture was excavated to approximately 2 feet below grade following the removal of the fractured pipe.

Concrete and Foundation Fragments

As summarized on Tables 14 and 15, provided in Appendix C, cis-1,2-DCE, 1,2,4-trimethybenzene, 1,3,5-trimethylbenzene, PCE and TCE were detected in one or both concrete samples (Concrete and Foundation). However, VOCs were not detected at concentrations in exceedance of its Residential SCO. The concrete fragments are currently being staged on poly-sheeting on-site, as the NYSDEC evaluates disposal options.

3.2 Limited Site Soil and Groundwater Investigation Sample Results

The following presents the findings of the limited site soil and groundwater investigation, which consisted of the investigation of the two dry wells identified during the geophysical

survey, and the "pre-characterization" of an area in the southwestern portion of the site. All analytical data associated with the dry well soil and groundwater samples are summarized on Tables 16 and 17, respectively, and the analytical data associated with the southwestern area "pre-characterization" soil and groundwater samples are summarized on Tables 18 and 19, respectively, provided in Appendix C.

Dry Well 1

As summarized on Table 16, cis-1-2-DCE, PCE and TCE and several non-chlorinated VOCs were detected in subsurface soil sample B-02 (12 to 14 feet). However, no VOCs were detected at concentrations exceeding their respective Residential SCOs.

As summarized on Table 17, PCE, TCE and several non-chlorinated VOCs were detected in groundwater sample B-02. However, no VOCs were detected at concentrations exceeding their respective Class GA Standards and Guidance Values.

Dry Well 2

As summarized on Table 16, acetone, methylene chloride and toluene were detected in subsurface soil sample B-01 (10 to 12 feet). However, chlorinated VOCs were not detected at concentrations exceeding their respective Residential SCOs.

As summarized on Table 17, PCE, at a concentration of 82.0 ug/l, and TCE, at a concentration of 9.3 ug/l, were detected in exceedance of their respective Class GA Standards of 5.0 ug/l in groundwater sample B-01. However, no other VOCs were detected at concentrations exceeding their respective Class GA Groundwater Standards or Guidance Values.

Southwestern Area Pre-Characterization

As summarized on Table 18, PCE, at a concentration of 2,100,000 ug/kg, was detected in exceedance of its Residential SCO of 5,500 ug/kg and TCE, at a concentration of 34,000 ug/kg, was detected in exceedance of its Residential SCO of 10,000 ug/kg in subsurface soil sample B-03 (0 to 2 feet). However, VOCs were not detected at concentrations exceeding their respective Residential SCOs in soil samples B-03 (4 to 6 feet) and B-04 (2 to 4 feet).

As summarized on Table 19, three chlorinated VOCs, including cis-1,2-DCE, PCE and TCE, were detected at concentrations exceeding their respective Class GA Groundwater Standards of 5.0 ug/l in one or more of both groundwater samples collected in the southwestern area. PCE was detected at concentrations ranging from 28.0 ug/l to 190 ug/l, with the maximum concentration detected in groundwater sample B-03 (9 to 11 feet). In addition, cis-1,2-dichloroethylene and trichloroethylene were detected at concentrations of 58.0 ug/l and 20.0 ug/l, respectively, in groundwater sample B-03 (9 to 11 feet). No other VOCs were detected at concentrations exceeding their respective Class GA Groundwater Standards or Guidance Values in either southwestern area groundwater sample.

3.3 Excavation Backfill Sample Results

As detailed in Section 2.3, approximately 400 to 550 cubic yards of clean fill consisting of a fine to medium sand overlain by a course of RCA was used to backfill the excavation. Excavators were used to spread the backfill and the backfill was compacted in 1-foot lifts with gas powered tampers. One sample was collected from the clean sand (Ranco Sand) and two separate samples were collected from the RCA (RCA Fill and RCA Global) for 8260 VOC analysis and compared to the Residential SCOs. Clean fill sample results are summarized on Tables 20 through 22, provided in Appendix C.

As summarized on Table 20, VOCs were not detected in the Ranco Sand soil sample. As summarized on Tables 21 and 22, several VOCs, including, acetone, methyl ethyl ketone, methylene chloride, naphthalene, and diethylbenzene were detected at low levels in one or both

of the RCA Fill and RCA Global samples; however, VOCs were not detected in exceedance of their respective Residential SCOs in either sample.

3.4 Data Validation

Soil samples associated with the removal of the two USTs, below-grade structures and associated contaminated soil, and the limited site soil and groundwater investigation have been deemed valid and usable for environmental assessment purposes. Samples were analyzed by TestAmerica Laboratories, located in Shelton, CT for volatile organic compounds (VOCs) or TCLP VOCs, TCLP metals and DRO. Samples have been analyzed for GRO by TestAmerica Laboratories in Edison, NJ or at H2M Labs Inc, located in Melville, New York. Data validation notes are discussed below.

Sample delivery groups: 220-12138, 220-12204, 220-12233, 220-12234, 220-12235, 220-12265, 220-12266, DECO2922, DECO2937, DECO2945 and DECO2942 exhibited the following compounds qualified as non-detect (U) due to blank results:

- Methylene chloride in Tank 1 Solid Contents, Tank 2 Bottom East, Tank 2 Bottom West, Tank 2 Sidewall North, Tank 2 Sidewall South, Tank 2 Sidewall East, Tank 2 Sidewall West, Tank 2 Solid Contents, SS-04 (surface), SS-04 (3 feet), SS-04 (6 feet), SS-09 (3 feet), SS-09 (6 feet), SS-09 (9 feet), Trap-01 (3 feet), Trap-01 (6 feet), Trap-01 (9 feet), Valve-03, Valve-06 and Valve-09, Concrete, Foundation, Ranco Sand and RCA Fill.
- Acetone in Tank 2 Bottom East, Tank 2 Bottom West, Tank 2 Sidewall North, Tank 2 Sidewall East, Tank 2 Sidewall West, SS-04 (6 feet), Trap-01 (6 feet), Trap-01 (9 feet), Concrete and Foundation.
- Toluene in Tank 2 Sidewall West.

Sample delivery group DECO2922: antimony, mercury and nickel were qualified as estimated (J/UJ) in Tank 1Solid Contents due to spike and/or duplicate detections.

Sample delivery group DECO2931: antimony, copper, lead, selenium and zinc were qualified as estimated (J) in Tank 1 Sidewall South due to spike and/or duplicate detections.

Sample delivery group DECO2933: sample Floor Drain initially exhibited five compounds exceeding the calibration range upon initial analysis. The sample was reanalyzed at a secondary dilution, and three of the five compounds were not detected in the secondary dilution. There, several compounds are reported from the initial run with the qualifiers estimated (J) and exceed calibration (E).

Data Validation Checklists, including a discussion of data qualified as estimated based on the validation process, are presented in Appendix E.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The Active Industrial Uniform site operated as a dry cleaner and a laundromat until 1987; with dry cleaning operations ending in 1987 and laundering service operations continuing at the site until 1993. Several USTs were reported to have been removed from the site between 1985 and 1987, and several dry wells and associated chlorinated VOC-contaminated contaminated soil were removed from the site in 2000.

As discussed in Section 2.0, this report documents the identification and removal of two USTs, several below grade drainage structures and associated contaminated soil following investigation of the treatment system effluent piping, and the limited site soil and groundwater investigation consisting of the investigation of several dry wells and the "pre-characterization" of an area in the southwestern portion of the site.

This section presents a discussion of the conclusions and recommendations associated with the completion of the above-detailed work.

4.1 Conclusions

USTs

The UST removal activities described above were completed in accordance with USEPA and Suffolk County Department of Health Services (SCDHS) protocols. In addition, several below grade structures including a buried floor drain, a buried trap, a buried valve and a buried fractured pipe, and a total of 300 to 360 cubic yards of soil were excavated from the site.

A total of five endpoint and ten sidewall soil samples were collected from areas surrounding the former location of Tanks 1 and 2. As discussed in Section 2.0, all endpoint and sidewall soil samples associated with Tank 1 and Tank 2 exhibited VOC concentrations below their respective TCLP regulatory levels and Residential SCOs.

Southern and Western Excavation Sidewalls

Eight sidewall soil samples were collected from the southern and western portions of the excavation. PCE was detected in four of the collected sidewall samples at concentrations in exceedance of its Residential SCO. However, as stated above, subsurface soil samples collected from depths correlating to the maximum completed excavation depths in these areas exhibited VOC concentrations below their respective Residential SCOs. In addition, due to the PCE exceedances, these areas were over-excavated to the north and west in order to remove as much residual contamination as was safely possible.

The groundwater sample collected in association with sidewall sample SS-09 exhibited four VOCs exceeding their respective Class GA Groundwater Standards including cis-1,2-DCE, PCE, TCE and VC.

Below Grade Drainage Structures

Several soil samples were collected in association with the below grade drainage structures identified during the geophysical investigation and excavation activities. Several chlorinated VOCs were detected at concentrations exceeding their respective Residential SCOs in one or more of the samples associated with these structures. However, in all cases, the deepest soil sample collected in association with each structure did not exhibit exceedances of the Residential SCOs and soil excavations in these areas were extended to depths where exceedances were no longer detected.

The completed excavation was extended beyond the limits of the areas exhibiting exceedances of the Residential SCOs in order to maximize the removal of residual chlorinated VOC contamination from the site as was safely possible utilizing standard excavation equipment and methods. The majority of soil exhibiting the greatest VOC concentrations and evidence of contamination was removed from the excavation areas, and subsurface soil samples collected from depths correlating to the maximum depths in the completed excavation areas exhibited VOC concentrations below the Residential SCOs. As a result, and based on the endpoint and

sidewall sample results, the majority of the significant chlorinated VOC contamination has been removed from the excavated areas. In addition, and as discussed with the NYSDEC, it is assumed that the identified chlorinated VOC-contaminated groundwater will be remediated by continued operation of the groundwater extraction and treatment system.

As detailed above, all excavated soil was stockpiled on site following excavation. After reviewing soil disposal options, the NYSDEC decided that the excavated soil would be remediated ex-situ on-site and re-used in the western portion of the site subsequent to remediation. Soil remediation would be accomplished by loading the soil into an enclosure equipped with a pressure blower. The enclosure effluent would then be piped into the groundwater treatment system carbon vessels. Ex-situ soil remediation began on September 30, 2010 and remains ongoing.

Limited Site Soil and Groundwater Investigation

VOCs were not detected in exceedance of the Residential SCOs in either of the soil samples collected from immediately downgradient of Dry Well 1 and Dry Well 2. However, the groundwater sample collected immediately downgradient of Dry Well 2 exhibited concentrations of PCE and TCE exceeding their respective Class GA Groundwater Standards. As stated above, these dry wells were not removed as part of the below grade drainage structure removals.

Of the two soil boring locations collected in order to “pre-characterize” the southwestern area of the site, subsurface soil boring B-03 exhibited concentrations of PCE and TCE in exceedance of their Residential SCOs. However, these exceedances were detected in the shallow sample interval (0 to 2 feet) and the deeper sample intervals did not exhibit exceedances of the Residential SCOs.

Three chlorinated VOCs, including cis-1,2-DCE, PCE and TCE, were detected at concentrations exceeding their respective Class GA Groundwater Standards in one or more of both groundwater samples collected in the southwestern area.

The areas where groundwater contamination have been identified are located generally upgradient and/or within the radius of influence of groundwater extraction well RW-1, effectively enabling RW-1 to capture any impacted groundwater extending from these areas prior to its migration beyond the limits of the site.

4.2 Recommendations

As detailed above, the groundwater treatment system is currently capturing chlorinated VOC-impacted groundwater extending from on-site source areas such as potential residual contamination associated with the former USTs and below grade drainage structures, the on-site dry wells and the southwestern "pre-characterization" area, prior to its migration beyond the limits of the site. However, in order to further remediate on-site soil and maintain the effectiveness and protectiveness of the groundwater treatment system, and therefore, reduce the costs associated with continued operation of the treatment system, the following recommendations are provided:

- Continue operation of the groundwater treatment system to minimize downgradient migration of chlorinated VOC-contaminated groundwater being captured by the system;

- Remove the three identified on-site dry well structures. As presented in Section 2.2 above, only two of the three confirmed dry well structures were investigated as part of this phase of the work assignment. Since soil sampling was not conducted within any dry well structure during the above-detailed work, and due to the historical use of the site as a dry cleaner and laundromat, it is assumed that these structures remain a likely chlorinated VOC source in site soil and therefore, are likely contributing to site groundwater contamination. Following the removal of each dry well structure and any associated contaminated soil, it is recommended to collect one endpoint sample for Method 8260 VOC analysis beneath each former dry well structure in order to document the effectiveness of remedial activities in these areas;

- As presented in Section 2.2, a fourth potential dry well structure was identified during the excavation underlying the western limits of the site and extending beneath the commercial property abutting the western side of the site. It is recommended that this structure be investigated, and if determined to be a dry well, be removed as described above;

- Excavate additional soil to an approximate depth of 4 feet in the southwestern area of the site. The proposed area of soil excavation is depicted on Figure 4-1. Note, in order to facilitate additional soil removal in this area, the sea container was removed following completion of the work detailed above. Sidewall samples should be collected on the western and southern walls of the excavation for 8260 VOC analysis and compared to the Residential SCOs in order to determine the actual limits of additional soil excavation in this area;

- Collect a composite sample from the soil currently being ex-situ remediated on-site in order to ensure that VOC concentrations are below the Residential SCOs, prior to re-use of this soil on-site; and

- Dispose of additional concrete and excavated piping currently being stored on-site.

West Montauk Highway

Dry Well 1

MW-101

MW-102

Air Stripping Towers

MW-103

Inferred orientation of 2" drain pipe

Large, round, concrete formation under foundation wall.

Remediation Equipment Shed

MW-5S

MW-104

SGP

MW-105

Tank 2

Tank 1

Dry Well 2

System Electrical Pull Box

Dry Well 3

MW-106

MW-107

Sea Container

RW-1

MW-108

Tompkins Lane

608 Tompkins Lane

Legend

- Foundation Wall
- Fence
- Drain Line
- Excavation Boundary
- Monitoring Well
- Excavated 0 to 2 ft. BGS
- Excavated 3 ft. BGS
- Excavated 5 to 6 ft. BGS
- Excavated 6 to 7 ft. BGS
- Excavated 9 ft. BGS
- Excavated 9 to 12 ft. BGS
- Area of proposed additional excavation to 4 ft. BGS

Notes: Majority of soil excavated from 0 to 2 ft BGS overturned and field screened. Not stockpiled.

NOTE: ALL DATA PROVIDED BY ENVIRONMENTAL ASSESSMENT AND REMEDIATIONS

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

ACTIVE INDUSTRIAL UNIFORM SITE
UNDERGROUND STORAGE TANK REMOVAL AND LIMITED SITE SOIL
AND GROUNDWATER INVESTIGATION REPORT

AREA OF PROPOSED ADDITIONAL EXCAVATION MAP

SCALE: 1" = 20'

FIGURE 4-1

F:\2578\DB Remedial Excavation.dwg, 5/26/2011 2:42:09 PM, Adobe PDF

APPENDIX A

PID CONCENTRATION TABLE

Active Industrial Uniform Company
63 West Merrick Road
Lindenhurst, New York
NYSDEC Site ID #152125

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Sample ID	Date	PID (ppm)
B-1(0-4)	5/27/2010	0.0
B-1(4-6)	5/27/2010	0.9
B-1(6-8)	5/27/2010	0.5
B-1(8-10)	5/27/2010	0.5
B-1(10-12)	5/27/2010	0.8
B-1(12-14)	5/27/2010	1.3
B-1(14-16)	5/27/2010	1.1
B-1(16-18)	5/27/2010	0.7
B-2(0-4)	5/27/2010	0.8
B-2(4-8)	5/27/2010	1.5
B-2(8-10)	5/27/2010	1.4
B-2(10-12)	5/27/2010	5.2
B-2(12-14)	5/27/2010	21.5
B-2(14-16)	5/27/2010	2.0
B-2(16-18)	5/27/2010	0.8
B-3(0-2)	5/27/2010	2,452.0
B-3(2-4)	5/27/2010	2,146.0
B-3(4-6)	5/27/2010	285.0
B-3(6-8)	5/27/2010	0.0
B-3(8-10)	5/27/2010	37.9
B-3(10-12)	5/27/2010	0.0
B-3(12-14)	5/27/2010	0.0
B-4(0-2)	5/27/2010	0.0
B-4(2-4)	5/27/2010	2.5
B-4(4-6)	5/27/2010	0.0
B-4(6-8)	5/27/2010	0.0
B-4(8-10)	5/27/2010	0.0
B-4(10-12)	5/27/2010	0.0
B-4(12-14)	5/27/2010	0.0
Break 1	5/11/2010	13.9
Break 2	5/11/2010	14.9
Break 3	5/19/2010	0.0
Break 4	5/19/2010	0.0
Break 5	5/19/2010	0.0
Break 6	5/19/2010	1.9
Floor Drain	5/7/2010	3,751.0
Foundation	5/20/2010	10.3
Pool 1	5/3/2010	0.0
Pool 2	5/10/2010	1.0

Active Industrial Uniform Company
63 West Merrick Road
Lindenhurst, New York
NYSDEC Site ID #152125

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Sample ID	Date	PID (ppm)
SS-1	5/10/2010	4.6
SS-2	5/10/2010	5.3
SS-2@4	5/5/2010	3.8
SS-2@8	5/5/2010	3.3
SS-3	5/10/2010	0.0
SS-3@1	5/10/2010	9.9
SS-4	5/13/2010	649.3
SS-4@3	5/14/2010	54.1
SS-4@6	5/14/2010	10.4
SS-5@1	5/19/2010	9.6
SS-5@2	5/19/2010	6.2
SS-6@1	5/19/2010	0.6
SS-7@6	5/19/2010	6.7
SS-8	5/19/2010	10.4
SS-9	5/20/2010	0.4
SS-9@0.5	5/20/2010	0.8
SS-9@1.5	5/20/2010	22.2
SS-9@3.5	5/20/2010	13.5
SS-9@6	5/20/2010	42.2
SS-9@9	5/20/2010	60.2
SS-10@3	5/24/2010	65.9
SS-10@6	5/24/2010	0.0
SS-11	5/24/2010	0.0
SS-11@0.5	5/25/2010	34.5
SS-12@3	5/25/2010	27.0
Tank 1 Bottom East	5/4/2010	8.8
Tank 1 Bottom Mid	5/4/2010	7.0
Tank 1 Bottom West	5/4/2010	9.1
Tank 1 Contents	4/14/2010	3.3
Tank 1 Contents East	5/4/2010	5.3
Tank 1 Contents East End	5/4/2010	11.3
Tank 1 Contents West	5/4/2010	6.5
Tank 1 Contents West End	5/4/2010	94.5
Tank 1 Sidewall East	5/4/2010	5.9
Tank 1 Sidewall North 1	5/4/2010	7.1
Tank 1 Sidewall North 2	5/4/2010	6.9
Tank 1 Sidewall South	5/4/2010	8.4
Tank 1 Sidewall South EP	5/5/2010	0.0
Tank 1 Sidewall West	5/4/2010	7.1

Active Industrial Uniform Company
63 West Merrick Road
Lindenhurst, New York
NYSDEC Site ID #152125

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Sample ID	Date	PID (ppm)
Tank 2 Contents	4/14/2010	4.7
Tank 2 Contents	4/30/2010	2.4
Tank 2 Bottom East	4/30/2010	2.9
Tank 2 Bottom West	4/30/2010	0.4
Tank 2 Sidewall East	4/30/2010	3.8
Tank 2 Sidewall North	4/30/2010	4.8
Tank 2 Sidewall South	4/30/2010	4.1
Tank 2 Sidwall West	4/30/2010	6.4
Tee 1	5/10/2010	1.3
Trap 1	5/10/2010	2,633.0
Trap 1@3	5/19/2010	27.6
Trap 1@6	5/19/2010	23.7
Trap 1@9	5/19/2010	0.0
UP-1	5/13/2010	1.3
UP-2	5/13/2010	3.2
UP-3	5/13/2010	0.8
UP-4	5/13/2010	1.3
Valves (Valve 2)	5/11/2010	47.2
Valves@1.5	5/18/2010	21.0
Valves@2	5/18/2010	11.7
Valves@3	5/18/2010	26.7
Valves@6	5/18/2010	11.4
Valves@9	5/18/2010	39.2
Wye 1	5/10/2010	3.3
Wye 2	5/13/2010	0.0

APPENDIX B

PHOTOGRAPHIC DOCUMENTATION

Photograph 1 – Borescoping of effluent piping.

Photograph 2 – Gas-powered asphalt saw, utilized to saw-cut excavation areas.

Photograph 3 – Hand-clearing at Wash Water UST excavation area.

Photograph 4 – Exposed Wash Water UST.

Photograph 5 – Area of stained soil in association with the Fuel Oil UST.

Photograph 6 – Marked anomalies from geophysical investigation.

Photograph 7 – Excavation of UST area and staging of soil on poly-sheeting.

Photograph 8 – Wash Water UST, showing below grade piping, which connects to several below grade structures.

Photograph 9 – Portion of below grade piping and below grade drainage structure network.

Photograph 10 – Below grade floor drain.

Photograph 11 – Below grade sewer pipe and southern porton of the overall UST excavation.

Photograph 12 – Below grade piping network, connecting to the westernmost dry well.

Photograph 13 – Below grade piping network, showing a below grade floor drain.

Photograph 14 – Excavation of soil utilizing an excavator.

Photograph 15 – Excavation of soil in the western portion of the site, showing stained soil.

Photograph 16 – Excavation of below grade piping and drainage structures in the western portion of the site.

Photograph 17 – Northernmost identified dry well.

Photograph 18 – Westernmost identified dry well, showing discharge piping.

Photograph 19 – Close-up of westernmost identified dry well discharge piping.

Photograph 20 – Southernmost identified dry well and stained soil.

Photograph 21 – Soil initially staged in drums.

Photograph 22 –Soil pile staged on eastern portion of the site.

Photograph 23 – Loading of metal debris for later recycling.

Photograph 24 – Clean fill installation in the southern portion of the overall excavation.

Photograph 25 – Spreading and compaction of clean fill.

Photograph 26 – Geoprobe investigation at Dry Well 2.

Photograph 27 – Geoprobe boring soil sample showing stained soil.

Photograph 28 – Sea container prior to demolition and removal.

Photograph 29 – Sea container during demolition and removal, showing clean fill installation in the background.

APPENDIX C

ANALYTICAL SAMPLE RESULTS

Table 1
Active Industrial Uniform Site
Tank 1 Endpoint/Sidewall/Contents Soil Sample Results
TCLP Volatile Organic Compounds

CONSTITUENT	TCLP Regulatory Levels	Sample ID / Date Collected	Tank 1 Bottom East 5/4/2010	Tank 1 Bottom West 5/4/2010	Tank 1 Bottom Mid 5/4/2010	Tank 1 Sidewall North 1 5/4/2010
1,1-Dichloroethylene	0.7		0.005U	0.005U	0.005U	0.005U
1,2-Dichloroethane	0.5		0.005U	0.005U	0.005U	0.005U
Benzene	0.5		0.0011J	0.005U	0.005U	0.005U
Carbon tetrachloride	0.5		0.005U	0.005U	0.005U	0.005U
Chlorobenzene	100		0.005U	0.005U	0.005U	0.005U
Chloroform	6.0		0.005U	0.005U	0.005U	0.005U
Methyl ethyl ketone	200		0.01U	0.01U	0.01U	0.01U
Tetrachloroethylene	0.7		0.005U	0.0075	0.0014J	0.0011J
Trichloroethylene	0.5		0.005U	0.0023J	0.005U	0.005U
Vinyl chloride	0.2		0.005U	0.005U	0.005U	0.005U

Notes:
All concentrations provided in milligrams per liter
U: Not detected
J: Estimated value

Table 1
Active Industrial Uniform Site
Tank 1 Endpoint/Sidewall/Contents Soil Sample Results
TCLP Volatile Organic Compounds

CONSTITUENT	TCLP Regulatory Levels	Sample ID	Tank 1 Sidewall North 2	Tank 1 Sidewall South EP	Tank 1 Sidewall East
		Date Collected	5/4/2010	5/5/2010	5/4/2010
1,1-Dichloroethylene	0.7		0.005U	0.005U	0.005U
1,2-Dichloroethane	0.5		0.005U	0.005U	0.005U
Benzene	0.5		0.005U	0.005U	0.005U
Carbon tetrachloride	0.5		0.005U	0.005U	0.005U
Chlorobenzene	100		0.005U	0.005U	0.005U
Chloroform	6.0		0.005U	0.005U	0.005U
Methyl ethyl ketone	200		0.01U	0.01U	0.01U
Tetrachloroethylene	0.7		0.0063	0.005U	0.0039J
Trichloroethylene	0.5		0.00068J	0.00083J	0.0016J
Vinyl chloride	0.2		0.005U	0.005U	0.005U

Notes:
All concentrations provided in milligrams per liter
U: Not detected
J: Estimated value

Table 1
Active Industrial Uniform Site
Tank 1 Endpoint/Sidewall/Contents Soil Sample Results
TCLP Volatile Organic Compounds

CONSTITUENT	TCLP Regulatory Levels	Sample ID / Date Collected	Tank 1 Sidewall West 5/4/2010	Tank 1 Contents Composite 5/4/2010
1,1-Dichloroethylene	0.7		0.005U	0.005U
1,2-Dichloroethane	0.5		0.005U	0.005U
Benzene	0.5		0.005U	0.005U
Carbon tetrachloride	0.5		0.005U	0.005U
Chlorobenzene	100		0.005U	0.005U
Chloroform	6.0		0.005U	0.005U
Methyl ethyl ketone	200		0.01U	0.01U
Tetrachloroethylene	0.7		0.01	0.0041J
Trichloroethylene	0.5		0.005U	0.0024J
Vinyl chloride	0.2		0.005U	0.005U

Notes:
All concentrations provided in milligrams per liter
U: Not detected
J: Estimated value

Table 2
Active Industrial Uniform Site
Tank 1 Endpoint/Sidewall/Contents Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Tank 1 Sidewall South 5/4/2010	Tank 1 Solid Contents 4/14/2010
1,1,1,2-Tetrachloroethane	--		12U	11U
1,1,1-Trichloroethane	100,000		12U	11U
1,1,2,2-Tetrachloroethane	--		12U	11U
1,1,2-Trichloroethane	--		12U	11U
1,1-Dichloroethane	19,000		12U	11U
1,1-Dichloroethylene	100,000		12U	11U
1,1-Dichloropropene	--		12U	11U
1,2,3-Trichlorobenzene	--		12U	11U
1,2,3-Trichloropropane	--		12U	11U
1,2,4,5-Tetramethylbenzene	--		12U	11U
1,2,4-Trichlorobenzene	--		12U	11U
1,2-Dichloroethane	2,300		12U	11U
1,2-Dichloropropane	--		12U	11U
1,3-Dichloropropane	--		12U	11U
2,2-Dichloropropane	--		12U	11U
2-chlorotoluene/4-chlorotoluene	--		12U	11U
Acetone	100,000		130	11U
Benzene	2,900		12U	11U
1,2,4-trimethylbenzene	47,000		12U	11U
1,3,5-trimethylbenzene	47,000		12U	11U
Isopropylbenzene	--		12U	11U
Bromobenzene	--		12U	11U
Bromodichloromethane	--		12U	11U
Bromoform	--		12U	11U
Carbon tetrachloride	1,400		12U	11U
Chlorobenzene	100,000		12U	11U
Chlorobromomethane	--		12U	11U
Chlorodifluoromethane	--		12U	11U
Chloroethane	--		12U	11U
Chloroform	10,000		12U	11U
cis-1,2-Dichloroethylene	59,000		98	11U
cis-1,3-Dichloropropene	--		12U	11U
DBCP	--		12U	11U
Dibromochloromethane	--		12U	11U
Dichlorodifluoromethane	--		12U	11U
EDB	--		12U	11U
trans-1,2-Dichloethylene	100,000		2J	11U
Ethylbenzene	30,000		12U	11U
Freon 113	--		12U	11U
Hexachlorobutadiene	--		12U	11U
m-Dichlorobenzene	17,000		12U	11U
Methyl bromide	--		12U	11U
Methyl chloride	--		12U	11U
Methyl ethyl ketone	100,000		29	11U
Methyl isobutylketone (MIBK)	--		12U	11U
Methylene bromide	--		12U	11U
Methylene chloride	51,000		12U	11U
Methyltert-butylether	62,000		12U	11U
Naphthalene	100,000		12U	11U
n-Butylbenzene	100,000		12U	11U

Table 2
Active Industrial Uniform Site
Tank 1 Endpoint/Sidewall/Contents Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID	Tank 1 Sidewall South	Tank 1 Solid Contents
		Date Collected	5/4/2010	4/14/2010
n-Propylbenzene	100,000		12U	11U
o-Dichlorobenzene	100,000		12U	11U
o-Xylene	100,000		12U	11U
p-Cymene	--		12U	11U
p-Dichlorobenzene	9,800		12U	11U
p-diethylbenzene	--		12U	11U
p-Xylene	100,000		12U	11U
sec-Butylbenzene	100,000		12U	11U
Styrene	--		12U	11U
tert-Butylbenzene	100,000		12U	11U
Tetrachloroethylene	5,500		15	5J
Toluene	100,000		12U	11U
trans-1,3-Dichloropropene	--		12U	11U
Trichloroethylene	10,000		3J	11U
Trichlorofluoromethane	--		12U	11U
Vinyl chloride	210		2J	11U
Xylene (total)	100,000		12U	11U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
J: Estimated value
--: Standard not established

Table 3
Active Industrial Uniform Site
Tank 1 Endpoint/Sidewall/Contents Soil Sample Results
TCLP Metals

CONSTITUENT	TCLP Regulatory Levels	Sample ID / Date Collected	Tank 1 Bottom East 5/4/2010	Tank 1 Bottom West 5/4/2010	Tank 1 Bottom Mid 5/4/2010	Tank 1 Sidewall North 1 5/4/2010
Arsenic	5.0		0.075U	0.075U	0.075U	0.075U
Barium	100		0.34	0.57	0.51	0.53
Cadmium	1.0		0.025U	0.025U	0.025U	0.025U
Chromium	5.0		0.025U	0.025U	0.025U	0.025U
Lead	5.0		0.048J	0.075U	0.025J	0.075U
Mercury	0.2		0.002U	0.002U	0.002U	0.002U
Selenium	1.0		0.19U	0.19U	0.19U	0.19U
Silver	5.0		0.025U	0.025U	0.025U	0.025U

Notes:
All concentrations provided in milligrams per liter
U: Not detected
J: Estimated value or limit
B: Compound deteced below the CRDL
but above the IDL values estimated

Table 3
Active Industrial Uniform Site
Tank 1 Endpoint/Sidewall/Contents Soil Sample Results
TCLP Metals

CONSTITUENT	TCLP Regulatory Levels	Sample ID / Date Collected	Tank 1 Sidewall North 2 5/4/2010	Tank 1 Sidewall South 5/4/2010	Tank 1 Sidewall South 5/5/2010	Tank 1 Sidewall East 5/4/2010
Arsenic	5.0		0.075U	0.0378B	0.075U	0.075U
Barium	100		0.42	1.15B	0.27	0.6
Cadmium	1.0		0.025U	0.0026B	0.025U	0.025U
Chromium	5.0		0.025U	0.0011B	0.025U	0.025U
Lead	5.0		0.012J	0.825B	0.075U	0.075U
Mercury	0.2		0.002U	0.0001U	0.002U	0.002U
Selenium	1.0		0.19U	0.01B	0.19U	0.19U
Silver	5.0		0.025U	0.00043U	0.025U	0.025U

Notes:
All concentrations provided in milligrams per liter
U: Not detected
J: Estimated value or limit
B: Compound deteced below the CRDL
but above the IDL values estimated

Table 3
Active Industrial Uniform Site
Tank 1 Endpoint/Sidewall/Contents Soil Sample Results
TCLP Metals

CONSTITUENT	TCLP Regulatory Levels	Sample ID / Date Collected	Tank 1 Sidewall West 5/4/2010	Tank 1 Solid Contents 4/14/2010	Contents Composite 5/4/2010
Arsenic	5.0		0.075U	0.0072B	0.075U
Barium	100		0.85	0.695B	0.53
Cadmium	1.0		0.025U	0.0004B	0.025U
Chromium	5.0		0.025U	0.0023B	0.025U
Lead	5.0		0.35	0.0311B	0.029J
Mercury	0.2		0.002U	0.0001U	0.002U
Selenium	1.0		0.19U	0.0138B	0.19U
Silver	5.0		0.025U	0.0012U	0.0015J

Notes:
All concentrations provided in milligrams per liter
U: Not detected
J: Estimated value or limit
B: Compound deteced below the CRDL
but above the IDL values estimated

Table 4
Active Industrial Uniform Site
Tank 1 Endpoint/Sidewall/Contents Soil Sample Results
Target Analyte List Metals

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objective	Sample ID / Date Collected	Tank 1 Sidewall South 5/4/2010	Tank 1 Solid Contents 4/14/2010
Aluminum	--		8,250	3,470
Antimony	--		0.72BJ	0.54BJ
Arsenic	16.0		4.2	1.2
Barium	350		42.6	23.5
Beryllium	14.0		0.02U	0.21B
Cadmium	2.5		0.099B	0.036U
Calcium	--		947	763
Chromium	36.0		9.3	8.8
Cobalt	--		2B	4.3B
Copper	270		102J	9.7
Iron	--		10,200	11,500
Lead	400		174J	9.8
Magnesium	--		617B	1,040
Manganese	2,000		71.3	165
Mercury	0.81		0.021U	0.018UJ
Nickel	140		3.8B	10.2J
Potassium	--		436B	908
Selenium	36.0		0.62J	0.3U
Silver	36.0		0.053U	0.068B
Sodium	--		86B	69B
Thallium	--		0.45U	0.32U
Vanadium	--		16.7	12.1
Zinc	2,200		78.6J	28.6

Notes:
All concentrations provided in milligrams per kilogram
U: Not detected
J: Estimated value
B: Compound deteced below the CRDL
but above the IDL values estimated
--: Standard not established

Table 5
Active Industrial Uniform Site
Tank 1 Endpoint/Sidewall/Contents Soil Sample Results
Total Petroleum Hydrocarbons

CONSTITUENT	Sample ID / Date Collected	Tank 1 Bottom East 5/4/2010	Tank 1 Bottom West 5/4/2010	Tank 1 Bottom Mid 5/4/2010	Tank 1 Sidewall North 1 5/4/2010
Diesel Range Organics (ug/kg)		34,000	19,000U	18,000U	18,000U
Gasoline Range Organics (ug/kg)		2,600U	2,700U	2,600U	2,500U
Petroleum Hydrocarbons 10-45 (mg/kg)		NA	NA	NA	NA

Notes:
ug/kg: Micrograms per kilogram
mg/kg: Milligrams per kilogram
U: Not detected
NA: Not analyzed

Table 5
Active Industrial Uniform Site
Tank 1 Endpoint/Sidewall/Contents Soil Sample Results
Total Petroleum Hydrocarbons

CONSTITUENT	Sample ID / Date Collected	Tank 1 Sidewall North 2 5/4/2010	Tank 1 Sidewall South 5/4/2010	Tank 1 Sidewall South 5/5/2010	Tank 1 Sidewall East 5/4/2010
Diesel Range Organics (ug/kg)		18,000U	NA	20,000U	19,000U
Gasoline Range Organics (ug/kg)		2,700U	NA	2,800U	2,700U
Petroleum Hydrocarbons 10-45 (mg/kg)		NA	20	NA	NA

Notes:
ug/kg: Micrograms per kilogram
mg/kg: Milligrams per kilogram
U: Not detected
NA: Not analyzed

Table 5
Active Industrial Uniform Site
Tank 1 Endpoint/Sidewall/Contents Soil Sample Results
Total Petroleum Hydrocarbons

CONSTITUENT	Sample ID / Date Collected	Tank 1 Sidewall West 5/4/2010	Tank 1 Solid Contents 4/14/2010	Tank 1 Contents Composite 5/4/2010
Diesel Range Organics (ug/kg)		150,000	NA	900,000
Gasoline Range Organics (ug/kg)		2,800U	NA	13,000
Petroleum Hydrocarbons 10-45 (mg/kg)		NA	7.2U	NA

Notes:
ug/kg: Micrograms per kilogram
mg/kg: Milligrams per kilogram
U: Not detected
NA: Not analyzed

Table 6
Active Industrial Uniform Site
Tank 2 Endpoint/Sidewall/Contents Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Tank 2 Bottom East 4/30/2010	Tank 2 Bottom West 4/30/2010	Tank 2 Sidewall North 4/30/2010
1,1,1,2-Tetrachloroethane	--		5.6U	5.8U	5.4U
1,1,1-Trichloroethane	100,000	`	5.6U	5.8U	5.4U
1,1,2,2-Tetrachloroethane	--		5.6U	5.8U	5.4U
1,1,2-Trichloroethane	--		5.6U	5.8U	5.4U
1,1-Dichloroethane	19,000		5.6U	5.8U	5.4U
1,1-Dichloroethylene	100,000		5.6U	5.8U	5.4U
1,1-Dichloropropene	--		28U	29U	27U
1,2,3-Trichlorobenzene	--		5.6U	5.8U	5.4U
1,2,3-Trichloropropane	--		5.6U	5.8U	5.4U
1,2,4,5-Tetramethylbenzene	--		NA	NA	NA
1,2,4-Trichlorobenzene	--		5.6U	5.8U	5.4U
1,2-Dichloroethane	2,300		5.6U	5.8U	5.4U
1,2-Dichloropropane	--		5.6U	5.8U	5.4U
1,3-Dichloropropane	--		5.6U	5.8U	5.4U
2,2-Dichloropropane	--		5.6U	5.8U	5.4U
2-Chlorotoluene/4-chlorotoluene	--		NA	NA	NA
2-Hexanone	--		11U	12U	11U
Acetone	100,000		22U	23U	22U
Benzene	2,900		5.6U	5.8U	5.4U
1,2,4-trimethylbenzene	47,000		5.6U	5.8U	5.4U
1,3,5-trimethylbenzene	47,000		5.6U	5.8U	5.4U
Isopropylbenzene	--		5.6U	5.8U	5.4U
Bromobenzene	--		5.6U	5.8U	5.4U
Bromodichloromethane	--		5.6U	5.8U	5.4U
Bromoform	--		5.6U	5.8U	5.4U
Carbon disulfide	--		5.6U	5.8U	5.4U
Carbon tetrachloride	1,400		5.6U	5.8U	5.4U
Chlorobenzene	100,000		5.6U	5.8U	5.4U
Chlorobromomethane	--		5.6U	5.8U	5.4U
Chlorodifluoromethane	--		NA	NA	NA
Chloroethane	--		5.6U	5.8U	5.4U
Chloroform	10,000		5.6U	5.8U	5.4U
cis-1,2-Dichloroethylene	59,000		5.6U	5.8U	5.4U
cis-1,3-Dichloropropene	--		5.6U	5.8U	5.4U
DBCP	--		11U	12U	11U
Dibromochloromethane	--		5.6U	5.8U	5.4U
Dichlorodifluoromethane	--		5.6U	5.8U	5.4U
EDB	--		5.6U	5.8U	5.4U
trans-1,2-Dichloroethylene	100,000		5.6U	5.8U	5.4U
Ethylbenzene	30,000		5.6U	5.8U	5.4U
Freon 113	--		NA	NA	NA
Hexachlorobutadiene	--		5.6U	5.8U	5.4U
m-Dichlorobenzene	17,000		5.6U	5.8U	5.4U
Methyl bromide	--		5.6U	5.8U	5.4U
Methyl chloride	--		5.6U	5.8U	5.4U
Methyl ethyl ketone	100,000		11U	12U	11U
Methyl iodide	--		11U	12U	11U
Methyl isobutylketone (MIBK)	--		5.6U	5.8U	5.4U
Methylene bromide	--		NA	NA	NA

Table 6
Active Industrial Uniform Site
Tank 2 Endpoint/Sidewall/Contents Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Tank 2 Bottom East 4/30/2010	Tank 2 Bottom West 4/30/2010	Tank 2 Sidewall North 4/30/2010
Methylene chloride	51,000		22U	23U	22U
Methyltert-butylether	62,000		5.6U	5.8U	5.4U
Naphthalene	100,000		5.6U	5.8U	5.4U
n-Butylbenzene	100,000		5.6U	5.8U	5.4U
n-Propylbenzene	100,000		5.6U	5.8U	5.4U
o-Chlorotoluene	--		5.6U	5.8U	5.4U
o-Dichlorobenzene	100,000		5.6U	5.8U	5.4U
o-Xylene	100,000		NA	NA	NA
p-Chlorotoluene	--		5.6U	5.8U	5.4U
p-Cymene	--		5.6U	5.8U	5.4U
p-Dichlorobenzene	9,800		5.6U	5.8U	5.4U
p-diethylbenzene	--		NA	NA	NA
p-Xylene	100,000		NA	NA	NA
sec-Butylbenzene	100,000		5.6U	5.8U	5.4U
Styrene	--		5.6U	5.8U	5.4U
tert-Butylbenzene	100,000		5.6U	5.8U	5.4U
Tetrachloroethylene	5,500		22	22	7.8
Toluene	100,000		5.6U	5.8U	5.4U
trans-1,3-Dichloropropene	--		5.6U	5.8U	5.4U
Trichloroethylene	10,000		5.6U	5.8U	5.4U
Trichlorofluoromethane	--		5.6U	5.8U	5.4U
Vinyl Acetate	--		11U	12U	11U
Vinyl chloride	210		5.6U	5.8U	5.4U
Xylene (total)	100,000		5.6U	5.8U	5.4U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
J: Estimated value
NA: Not analyzed
--: Standard not established

Table 6
Active Industrial Uniform Site
Tank 2 Endpoint/Sidewall/Contents Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Tank 2 Sidewall South 4/30/2010	Tank 2 Sidewall East 4/30/2010	Tank 2 Sidewall West 4/30/2010
1,1,1,2-Tetrachloroethane	--		5.7U	5.8U	12U
1,1,1-Trichloroethane	100,000	`	5.7U	5.8U	12U
1,1,2,2-Tetrachloroethane	--		5.7U	5.8U	12U
1,1,2-Trichloroethane	--		5.7U	5.8U	12U
1,1-Dichloroethane	19,000		5.7U	5.8U	12U
1,1-Dichloroethylene	100,000		5.7U	5.8U	12U
1,1-Dichloropropene	--		29U	29U	58U
1,2,3-Trichlorobenzene	--		5.7U	5.8U	12U
1,2,3-Trichloropropane	--		5.7U	5.8U	12U
1,2,4,5-Tetramethylbenzene	--		NA	NA	NA
1,2,4-Trichlorobenzene	--		5.7U	5.8U	12U
1,2-Dichloroethane	2,300		5.7U	5.8U	12U
1,2-Dichloropropane	--		5.7U	5.8U	12U
1,3-Dichloropropane	--		5.7U	5.8U	12U
2,2-Dichloropropane	--		5.7U	5.8U	12U
2-Chlorotoluene/4-chlorotoluene	--		NA	NA	NA
2-Hexanone	--		11U	12U	23U
Acetone	100,000		23U	23U	46U
Benzene	2,900		5.7U	5.8U	12U
1,2,4-trimethylbenzene	47,000		5.7U	5.8U	12U
1,3,5-trimethylbenzene	47,000		5.7U	5.8U	12U
Isopropylbenzene	--		5.7U	5.8U	12U
Bromobenzene	--		5.7U	5.8U	12U
Bromodichloromethane	--		5.7U	5.8U	12U
Bromoform	--		5.7U	5.8U	12U
Carbon disulfide	--		5.7U	5.8U	12U
Carbon tetrachloride	1,400		5.7U	5.8U	12U
Chlorobenzene	100,000		5.7U	5.8U	12U
Chlorobromomethane	--		5.7U	5.8U	12U
Chlorodifluoromethane	--		NA	NA	NA
Chloroethane	--		5.7U	5.8U	12U
Chloroform	10,000		5.7U	5.8U	12U
cis-1,2-Dichloroethylene	59,000		1.8J	5.8U	12U
cis-1,3-Dichloropropene	--		5.7U	5.8U	12U
DBCP	--		11U	12U	23U
Dibromochloromethane	--		5.7U	5.8U	12U
Dichlorodifluoromethane	--		5.7U	5.8U	12U
EDB	--		5.7U	5.8U	12U
trans-1,2-Dichloroethylene	100,000		5.7U	5.8U	12U
Ethylbenzene	30,000		5.7U	5.8U	12U
Freon 113	--		NA	NA	NA
Hexachlorobutadiene	--		5.7U	5.8U	12U
m-Dichlorobenzene	17,000		5.7U	5.8U	12U
Methyl bromide	--		5.7U	5.8U	12U
Methyl chloride	--		5.7U	5.8U	12U
Methyl ethyl ketone	100,000		11U	12U	23U
Methyl iodide	--		11U	12U	23U
Methyl isobutylketone (MIBK)	--		5.7U	5.8U	12U
Methylene bromide	--		NA	NA	NA

Table 6
Active Industrial Uniform Site
Tank 2 Endpoint/Sidewall/Contents Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Tank 2 Sidewall South 4/30/2010	Tank 2 Sidewall East 4/30/2010	Tank 2 Sidewall West 4/30/2010
Methylene chloride	51,000		23U	23U	46U
Methyltert-butylether	62,000		5.7U	5.8U	12U
Naphthalene	100,000		5.7U	5.8U	12U
n-Butylbenzene	100,000		5.7U	5.8U	12U
n-Propylbenzene	100,000		5.7U	5.8U	12U
o-Chlorotoluene	--		5.7U	5.8U	12U
o-Dichlorobenzene	100,000		5.7U	5.8U	12U
o-Xylene	100,000		NA	NA	NA
p-Chlorotoluene	--		5.7U	5.8U	12U
p-Cymene	--		5.7U	5.8U	12U
p-Dichlorobenzene	9,800		5.7U	5.8U	12U
p-diethylbenzene	--		NA	NA	NA
p-Xylene	100,000		NA	NA	NA
sec-Butylbenzene	100,000		5.7U	5.8U	12U
Styrene	--		5.7U	5.8U	12U
tert-Butylbenzene	100,000		5.7U	5.8U	12U
Tetrachloroethylene	5,500		180	110	240
Toluene	100,000		5.7U	5.8U	12U
trans-1,3-Dichloropropene	--		5.7U	5.8U	12U
Trichloroethylene	10,000		7.4	2.3J	6.8J
Trichlorofluoromethane	--		5.7U	5.8U	12U
Vinyl Acetate	--		11U	12U	23U
Vinyl chloride	210		5.7U	5.8U	12U
Xylene (total)	100,000		5.7U	5.8U	12U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
J: Estimated value
NA: Not analyzed
--: Standard not established

Table 6
Active Industrial Uniform Site
Tank 2 Endpoint/Sidewall/Contents Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Tank 2 Solid Contents 4/14/2010
1,1,1,2-Tetrachloroethane	--		11U
1,1,1-Trichloroethane	100,000	`	11U
1,1,2,2-Tetrachloroethane	--		11U
1,1,2-Trichloroethane	--		11U
1,1-Dichloroethane	19,000		11U
1,1-Dichloroethylene	100,000		11U
1,1-Dichloropropene	--		11U
1,2,3-Trichlorobenzene	--		11U
1,2,3-Trichloropropane	--		11U
1,2,4,5-Tetramethylbenzene	--		11U
1,2,4-Trichlorobenzene	--		11U
1,2-Dichloroethane	2,300		11U
1,2-Dichloropropane	--		11U
1,3-Dichloropropane	--		11U
2,2-Dichloropropane	--		11U
2-Chlorotoluene/4-chlorotoluene	--		11U
2-Hexanone	--		NA
Acetone	100,000		7J
Benzene	2,900		11U
1,2,4-trimethylbenzene	47,000		11U
1,3,5-trimethylbenzene	47,000		11U
Isopropylbenzene	--		11U
Bromobenzene	--		11U
Bromodichloromethane	--		11U
Bromoform	--		11U
Carbon disulfide	--		NA
Carbon tetrachloride	1,400		11U
Chlorobenzene	100,000		11U
Chlorobromomethane	--		11U
Chlorodifluoromethane	--		11U
Chloroethane	--		11U
Chloroform	10,000		11U
cis-1,2-Dichloroethylene	59,000		11U
cis-1,3-Dichloropropene	--		11U
DBCP	--		11U
Dibromochloromethane	--		11U
Dichlorodifluoromethane	--		11U
EDB	--		11U
trans-1,2-Dichloroethylene	100,000		11U
Ethylbenzene	30,000		11U
Freon 113	--		11U
Hexachlorobutadiene	--		11U
m-Dichlorobenzene	17,000		11U
Methyl bromide	--		11U
Methyl chloride	--		11U
Methyl ethyl ketone	100,000		11U
Methyl iodide	--		NA
Methyl isobutylketone (MIBK)	--		11U
Methylene bromide	--		11U

Table 6
Active Industrial Uniform Site
Tank 2 Endpoint/Sidewall/Contents Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Tank 2 Solid Contents 4/14/2010
Methylene chloride	51,000		11U
Methyltert-butylether	62,000		11U
Naphthalene	100,000		11U
n-Butylbenzene	100,000		11U
n-Propylbenzene	100,000		11U
o-Chlorotoluene	--		NA
o-Dichlorobenzene	100,000		11U
o-Xylene	100,000		11U
p-Chlorotoluene	--		NA
p-Cymene	--		11U
p-Dichlorobenzene	9,800		11U
p-diethylbenzene	--		11U
p-Xylene	100,000		11U
sec-Butylbenzene	100,000		11U
Styrene	--		11U
tert-Butylbenzene	100,000		11U
Tetrachloroethylene	5,500		11U
Toluene	100,000		11U
trans-1,3-Dichloropropene	--		11U
Trichloroethylene	10,000		11U
Trichlorofluoromethane	--		11U
Vinyl Acetate	--		NA
Vinyl chloride	210		11U
Xylene (total)	100,000		11U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
J: Estimated value
NA: Not analyzed
--: Standard not established

Table 7
Active Industrial Uniform Site
Tank 2 Liquid Contents Sample Results
Volatile Organic Compounds

CONSTITUENT	Class GA Groundwater Standards	Sample ID / Date Collected	Tank 2 Liquid Contents 4/13/2010
1,1,1,2-Tetrachloroethane	5.0		10U
1,1,1-Trichloroethane	5.0		10U
1,1,2,2-Tetrachloroethane	5.0		10U
1,1,2-Trichloroethane	1.0		10U
1,1-Dichloroethane	5.0		10U
1,1-Dichloroethylene	5.0		10U
1,1-Dichloropropene	5.0		10U
1,2,3-Trichlorobenzene	5.0		10U
1,2,3-Trichloropropane	0.04		10U
1,2,4,5-Tetramethylbenzene	--		10U
1,2,4-Trichlorobenzene	5.0		10U
1,2-Dichloroethane	0.6		10U
1,2-Dichloropropane	1.0		10U
1,3-Dichloropropane	5.0		10U
2,2-Dichloropropane	5.0		10U
2-Chlorotoluene/4-chlorotoluene	--		10U
Acetone	50.0		10U
Benzene	1.0		10U
1,2,4-trimethylbenzene	5.0		10U
1,3,5-trimethylbenzene	5.0		10U
Isopropylbenzene	5.0		10U
Bromobenzene	5.0		10U
Bromodichloromethane	50.0		10U
Bromoform	50.0		10U
Carbon tetrachloride	5.0		10U
Chlorobenzene	5.0		10U
Chlorobromomethane	5.0		10U
Chlorodifluoromethane	--		10U
Chloroethane	5.0		10U
Chloroform	7.0		10U
cis-1,2-Dichloroethylene	5.0		10U
cis-1,3-Dichloropropene	0.4		10U
DBCP	0.04		10U
Dibromochloromethane	50.0		10U
Dichlorodifluoromethane	5.0		10U
EDB	0.0006		10U
trans-1,2-Dichloroethylene	5.0		10U
Ethylbenzene	5.0		10U
Freon 113	--		10U
Hexachlorobutadiene	0.5		10U
m-Dichlorobenzene	3.0		10U
Methyl bromide	5.0		10U

Table 7
Active Industrial Uniform Site
Tank 2 Liquid Contents Sample Results
Volatile Organic Compounds

CONSTITUENT	Class GA Groundwater Standards	Sample ID / Date Collected	Tank 2 Liquid Contents 4/13/2010
Methyl chloride	5.0		10U
Methyl ethyl ketone	50		10U
Methyl isobutylketone (MIBK)	--		10U
Methylene bromide	5.0		10U
Methylene chloride	5.0		10U
Methyltert-butylether	10.0		10U
Naphthalene	10.0		10U
n-Butylbenzene	5.0		10U
n-Propylbenzene	5.0		10U
o-Dichlorobenzene	3.0		10U
o-Xylene	5.0		10U
p-Cymene	--		10U
p-Dichlorobenzene	3.0		10U
p-diethylbenzene	--		10U
p-Xylene	5.0		10U
sec-Butylbenzene	5.0		10U
Styrene	5.0		10U
tert-Butylbenzene	5.0		10U
Tetrachloroethylene	5.0		**67**
Toluene	5.0		10U
trans-1,3-Dichloropropene	0.4		10U
Trichloroethylene	5.0		4J
Trichlorofluoromethane	5.0		10U
Vinyl chloride	2.0		10U
Xylene (total)	5.0		10U

Notes:
All concentrations provided in micrograms per liter
U: Not detected
J: Estimated value
--: Standard not established
67: Exceeds Class GA Groundwater Standards

Table 8
Active Industrial Uniform Site
Southern and Western Excavation Sidewall Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID	SS-04	SS-04	SS-04	SS-09
		Sample Depth	Surface	3 feet	6 feet	3.5 feet
		Date Collected	5/13/2010	5/14/2010	5/14/2010	5/20/2010
1,1,1,2-Tetrachloroethane	--		11,000U	580U	26U	580U
1,1,1-Trichloroethane	100,000		11,000U	580U	26U	580U
1,1,2,2-Tetrachloroethane	--		11,000U	580U	26U	580U
1,1,2-Trichloroethane	--		11,000U	580U	26U	580U
1,1-Dichloroethane	19,000		11,000U	580U	26U	580U
1,1-Dichloroethylene	100,000		11,000U	580U	26U	580U
1,1-Dichloropropene	--		11,000U	580U	130U	580U
1,2,3-Trichlorobenzene	--		11,000U	580U	26U	580U
1,2,3-Trichloropropane	--		11,000U	580U	26U	580U
1,2,4-Trichlorobenzene	--		11,000U	580U	26U	580U
1,2-Dichloroethane	2,300		11,000U	580U	26U	580U
1,2-Dichloropropane	--		11,000U	580U	26U	580U
1,3-Dichloropropane	--		11,000U	580U	26U	580U
2,2-Dichloropropane	--		11,000U	580U	26U	580U
2-Hexanone	--		11,000U	580U	51U	580U
Acetone	100,000		28,000U	1,500U	100U	1,500U
Benzene	2,900		11,000U	580U	26U	580U
1,2,4-trimethylbenzene	47,000		11,000U	580U	26U	580U
1,3,5-trimethylbenzene	47,000		11,000U	580U	26U	580U
Isopropylbenzene	--		11,000U	580U	26U	580U
Bromobenzene	--		11,000U	580U	26U	580U
Bromodichloromethane	--		11,000U	580U	26U	580U
Bromoform	--		11,000U	580U	26U	580U
Carbon disulfide	--		11,000U	580U	26U	580U
Carbon tetrachloride	1,400		11,000U	580U	26U	580U
Chlorobenzene	100,000		11,000U	580U	26U	580U
Chlorobromomethane	--		11,000U	580U	26U	580U
Chloroethane	--		11,000U	580U	26U	580U
Chloroform	10,000		11,000U	580U	26U	580U
cis-1,2-Dichloroethylene	59,000		11,000U	580U	26U	580U
cis-1,3-Dichloropropene	--		11,000U	580U	26U	580U
DBCP	--		11,000U	580U	51U	580U
Dibromochloromethane	--		11,000U	580U	26U	580U
Dichlorodifluoromethane	--		11,000U	580U	26U	580U
EDB	--		11,000U	580U	26U	580U
trans-1,2-Dichloroethylene	100,000		11,000U	580U	26U	580U
Ethylbenzene	30,000		11,000U	580U	26U	580U
Hexachlorobutadiene	--		11,000U	580U	26U	580U
m-Dichlorobenzene	17,000		11,000U	580U	26U	580U
Methyl bromide	--		11,000U	580U	26U	580U
Methyl chloride	--		11,000U	580U	26U	580U
Methyl ethyl ketone	100,000		11,000U	580U	51U	580U
Methyl iodide	--		11,000U	580U	51U	580U
Methyl isobutylketone (MIBK)	--		11,000U	580U	26U	580U
Methylene chloride	51,000		11,000U	580U	100U	580U
Methyltert-butylether	62,000		11,000U	580U	26U	580U
Naphthalene	100,000		11,000U	580U	26U	580U
n-Butylbenzene	100,000		11,000U	580U	26U	580U
n-Propylbenzene	100,000		11,000U	580U	26U	580U
o-Chlorotoluene	--		11,000U	580U	26U	580U
o-Dichlorobenzene	100,000		11,000U	580U	26U	580U

Table 8
Active Industrial Uniform Site
Southern and Western Excavation Sidewall Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Sample Depth / Date Collected	SS-04 Surface 5/13/2010	SS-04 3 feet 5/14/2010	SS-04 6 feet 5/14/2010	SS-09 3.5 feet 5/20/2010
p-Chlorotoluene	--		11,000U	580U	26U	580U
p-Cymene	--		11,000U	580U	26U	580U
p-Dichlorobenzene	9,800		11,000U	580U	26U	580U
sec-Butylbenzene	100,000		11,000U	580U	26U	580U
Styrene	--		11,000U	580U	26U	580U
tert-Butylbenzene	100,000		11,000U	580U	26U	580U
Tetrachloroethylene	5,500		**190,000**	**14,000**	11J	5,000
Toluene	100,000		11,000U	580U	26U	580U
trans-1,3-Dichloropropene	--		11,000U	580U	26U	580U
Trichloroethylene	10,000		4,300J	290J	26U	120J
Trichlorofluoromethane	--		11,000U	580U	26U	580U
Vinyl Acetate	--		11,000U	580U	51U	580U
Vinyl chloride	210		11,000U	580U	26U	580U
Xylene (total)	100,000		11,000U	580U	26U	580U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
J: Estimated value
B: Compound also detected in the associated method blank
--: Standard not established
bold:Exceeds the NYSDEC Part 375 Residential Soil Cleanup Objective

Table 8
Active Industrial Uniform Site
Southern and Western Excavation Sidewall Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID	SS-09	SS-09	SS-10	SS-10
		Sample Depth	6 feet	9 feet	3 feet	6 feet
		Date Collected	5/20/2010	5/20/2010	5/24/2010	5/24/2010
1,1,1,2-Tetrachloroethane	--		530U	27U	14,000U	26U
1,1,1-Trichloroethane	100,000		530U	27U	14,000U	26U
1,1,2,2-Tetrachloroethane	--		530U	27U	14,000U	26U
1,1,2-Trichloroethane	--		530U	27U	14,000U	26U
1,1-Dichloroethane	19,000		530U	27U	14,000U	26U
1,1-Dichloroethylene	100,000		530U	27U	14,000U	26U
1,1-Dichloropropene	--		530U	140U	14,000U	130U
1,2,3-Trichlorobenzene	--		530U	27U	14,000U	26U
1,2,3-Trichloropropane	--		530U	27U	14,000U	26U
1,2,4-Trichlorobenzene	--		530U	27U	14,000U	26U
1,2-Dichloroethane	2,300		530U	27U	14,000U	26U
1,2-Dichloropropane	--		530U	27U	14,000U	26U
1,3-Dichloropropane	--		530U	27U	14,000U	26U
2,2-Dichloropropane	--		530U	27U	14,000U	26U
2-Hexanone	--		530U	55U	14,000U	51U
Acetone	100,000		1,300U	110U	36,000U	34JB
Benzene	2,900		530U	27U	14,000U	26U
1,2,4-trimethylbenzene	47,000		530U	27U	14,000U	26U
1,3,5-trimethylbenzene	47,000		530U	27U	14,000U	26U
Isopropylbenzene	--		530U	27U	14,000U	26U
Bromobenzene	--		530U	27U	14,000U	26U
Bromodichloromethane	--		530U	27U	14,000U	26U
Bromoform	--		530U	27U	14,000U	26U
Carbon disulfide	--		530U	27U	14,000U	26U
Carbon tetrachloride	1,400		530U	27U	14,000U	26U
Chlorobenzene	100,000		530U	27U	14,000U	26U
Chlorobromomethane	--		530U	27U	14,000U	26U
Chloroethane	--		530U	27U	14,000U	26U
Chloroform	10,000		530U	27U	14,000U	26U
cis-1,2-Dichloroethylene	59,000		530U	91	14,000U	26U
cis-1,3-Dichloropropene	--		530U	27U	14,000U	26U
DBCP	--		530U	55U	14,000U	51U
Dibromochloromethane	--		530U	27U	14,000U	26U
Dichlorodifluoromethane	--		530U	27U	14,000U	26U
EDB	--		530U	27U	14,000U	26U
trans-1,2-Dichloroethylene	100,000		530U	27U	14,000U	26U
Ethylbenzene	30,000		530U	27U	14,000U	26U
Hexachlorobutadiene	--		530U	27U	14,000U	26U
m-Dichlorobenzene	17,000		530U	27U	14,000U	26U
Methyl bromide	--		530U	27U	14,000U	26U
Methyl chloride	--		530U	27U	14,000U	26U
Methyl ethyl ketone	100,000		530U	55U	14,000U	51U
Methyl iodide	--		530U	55U	14,000U	51U
Methyl isobutylketone (MIBK)	--		530U	27U	14,000U	26U
Methylene chloride	51,000		530U	110U	5,900J	14JB
Methyltert-butylether	62,000		530U	27U	14,000U	26U
Naphthalene	100,000		530U	27U	14,000U	26U
n-Butylbenzene	100,000		530U	29	14,000U	26U
n-Propylbenzene	100,000		530U	27U	14,000U	26U
o-Chlorotoluene	--		530U	27U	14,000U	26U
o-Dichlorobenzene	100,000		530U	27U	14,000U	26U

Table 8
Active Industrial Uniform Site
Southern and Western Excavation Sidewall Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID	SS-09	SS-09	SS-10	SS-10
		Sample Depth	6 feet	9 feet	3 feet	6 feet
		Date Collected	5/20/2010	5/20/2010	5/24/2010	5/24/2010
p-Chlorotoluene	--		530U	27U	14,000U	26U
p-Cymene	--		530U	27U	14,000U	26U
p-Dichlorobenzene	9,800		530U	27U	14,000U	26U
sec-Butylbenzene	100,000		530U	49	14,000U	26U
Styrene	--		530U	27U	14,000U	26U
tert-Butylbenzene	100,000		530U	3.5J	14,000U	26U
Tetrachloroethylene	5,500		**7,800**	29	**240,000**	26U
Toluene	100,000		530U	27U	14,000U	26U
trans-1,3-Dichloropropene	--		530U	27U	14,000U	26U
Trichloroethylene	10,000		100J	27U	7,900J	26U
Trichlorofluoromethane	--		530U	27U	14,000U	26U
Vinyl Acetate	--		530U	55U	14,000U	51U
Vinyl chloride	210		530U	27U	14,000U	26U
Xylene (total)	100,000		530U	27U	14,000U	26U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
J: Estimated value
B: Compound also detected in the associated method blank
--: Standard not established
Bold:Exceeds the NYSDEC Part 375 Residential Soil Cleanup Objective

Table 9
Active Industrial Uniform Site
Southern and Western Excavation Groundwater Sample Results
Volatile Organic Compounds

CONSTITUENT	Class GA Groundwater Standards	Sample ID / Date Collected	SS-09 5/25/2010
1,1,1,2-Tetrachloroethane	5.0		10U
1,1,1-Trichloroethane	5.0		10U
1,1,2,2-Tetrachloroethane	5.0		10U
1,1,2-Trichloroethane	1.0		10U
1,1-Dichloroethane	5.0		10U
1,1-Dichloroethylene	5.0		10U
1,1-Dichloropropene	5.0		10U
1,2,3-Trichlorobenzene	5.0		10U
1,2,3-Trichloropropane	0.04		10U
1,2,4-Trichlorobenzene	5.0		10U
1,2-Dichloroethane	0.6		10U
1,2-Dichloropropane	1.0		10U
1,3-Dichloropropane	5.0		10U
2,2-Dichloropropane	5.0		10U
2-Hexanone	50.0		10U
Acetone	50.0		19J
Benzene	1.0		10U
1,2,4-trimethylbenzene	5.0		10U
1,3,5-trimethylbenzene	5.0		10U
Isopropylbenzene	5.0		10U
Bromobenzene	5.0		10U
Bromodichloromethane	50.0		10U
Bromoform	50.0		10U
Carbon disulfide	60.0		10U
Carbon tetrachloride	5.0		10U
Chlorobenzene	5.0		10U
Chlorobromomethane	5.0		10U
Chloroethane	5.0		10U
Chloroform	7.0		10U
cis-1,2-Dichloroethylene	5.0		**83**
cis-1,3-Dichloropropene	0.4		10U
DBCP	0.04		10U
Dibromochloromethane	50.0		10U
Dichlorodifluoromethane	5.0		10U
EDB	0.0006		10U
trans-1,2-Dichloroethylene	5.0		10U
Ethylbenzene	5.0		10U
Hexachlorobutadiene	0.5		10U
m-Dichlorobenzene	3.0		10U
Methyl bromide	5.0		10U
Methyl chloride	5.0		10U
Methyl ethyl ketone	50.0		20U
Methyl iodide	5.0		20U

Table 9
Active Industrial Uniform Site
Southern and Western Excavation Groundwater Sample Results
Volatile Organic Compounds

CONSTITUENT	Class GA Groundwater Standards	Sample ID / Date Collected	SS-09 5/25/2010
Methyl isobutylketone (MIBK)	--		20U
Methylene chloride	5.0		10U
Methyltert-butylether	10.0		10U
Naphthalene	10.0		10U
n-Butylbenzene	5.0		10U
n-Propylbenzene	5.0		10U
o-Chlorotoluene	5.0		10U
o-Dichlorobenzene	3.0		10U
p-Chlorotoluene	5.0		10U
p-Cymene	--		10U
p-Dichlorobenzene	3.0		10U
sec-Butylbenzene	5.0		10U
Styrene	5.0		10U
tert-Butylbenzene	5.0		10U
Tetrachloroethylene	5.0		**270**
Toluene	5.0		10U
trans-1,3-Dichloropropene	0.4		10U
Trichloroethylene	5.0		**45**
Trichlorofluoromethane	5.0		10U
Vinyl Acetate	--		10U
Vinyl chloride	2.0		**16**
Xylene (total)	5.0		10U

Notes:
All concentrations provided in micrograms per liter
U: Not detected
J: Estimated value
--: Standard not established
: Exceeds the Class GA Groundwater Standards

Table 10
Active Industrial Uniform Site
Below Grade Floor Drain Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID Sample Depth Date Collected	Floor Drain Surface 5/7/2010
1,1,1,2-Tetrachloroethane	--		8,000U
1,1,1-Trichloroethane	100,000		8,000U
1,1,2,2-Tetrachloroethane	--		8,000U
1,1,2-Trichloroethane	--		8,000U
1,1-Dichloroethane	19,000		8,000U
1,1-Dichloroethylene	100,000		8,000U
1,1-Dichloropropene	--		8,000U
1,2,3-Trichlorobenzene	--		8,000U
1,2,3-Trichloropropane	--		8,000U
1,2,4,5-Tetramethylbenzene	--		110,000
1,2,4-Trichlorobenzene	--		8,000U
1,2-Dichloroethane	2,300		8,000U
1,2-Dichloropropane	--		8,000U
1,3-Dichloropropane	--		8,000U
2,2-Dichloropropane	--		8,000U
2-chlorotoluene/4-chlorotoluene	--		8,000U
2-Hexanone	--		NA
Acetone	100,000		8,000U
Benzene	2,900		8,000U
1,2,4-trimethylbenzene	47,000		40,000,000U
1,3,5-trimethylbenzene	47,000		**260,000**
Isopropylbenzene	--		6,000J
Bromobenzene	--		8,000U
Bromodichloromethane	--		8,000U
Bromoform	--		8,000U
Carbon disulfide	--		NA
Carbon tetrachloride	1,400		8,000U
Chlorobenzene	100,000		8,000U
Chlorobromomethane	--		8,000U
Chlorodifluoromethane	--		8,000U
Chloroethane	--		8,000U
Chloroform	10,000		8,000U
cis-1,2-Dichloroethylene	59,000		65,000
cis-1,3-Dichloropropene	--		8,000U
DBCP	--		8,000U
Dibromochloromethane	--		40,000,000U
Dichlorodifluoromethane	--		8,000U
EDB	--		8,000U
trans-1,2-Dichloroethylene	100,000		15,000
Ethylbenzene	30,000		4,000J
Freon 113	--		8,000U
Hexachlorobutadiene	--		8,000U
m-Dichlorobenzene	17,000		8,000U
Methyl bromide	--		8,000U
Methyl chloride	--		8,000U
Methyl ethyl ketone	100,000		8,000U
Methyl iodide	--		NA
Methyl isobutylketone (MIBK)	--		8,000U
Methylene bromide	--		8,000U
Methylene chloride	51,000		8,000U
Methyltert-butylether	62,000		8000U

Table 10
Active Industrial Uniform Site
Below Grade Floor Drain Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Sample Depth / Date Collected	Floor Drain Surface 5/7/2010
Naphthalene	100,000		40,000,000U
n-Butylbenzene	100,000		8,000U
n-Propylbenzene	100,000		18,000
o-Chlorotoluene	--		NA
o-Dichlorobenzene	100,000		5,000J
o-Xylene	100,000		12,000
p-Chlorotoluene	--		NA
p-Cymene	--		6,000J
p-Dichlorobenzene	9,800		8,000U
p-diethylbenzene	--		120,000
p-Xylene	100,000		14,000
sec-Butylbenzene	100,000		8,000U
Styrene	--		8,000U
tert-Butylbenzene	100,000		8,000U
Tetrachloroethylene	5,500		**160,000,000D**
Toluene	100,000		14,000
trans-1,3-Dichloropropene	--		8,000U
Trichloroethylene	10,000		**6,000,000DJ**
Trichlorofluoromethane	--		8,000U
Vinyl Acetate	--		NA
Vinyl chloride	210		**1,000J**
Xylene (total)	100,000		27,000

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
--: Standard not established
D: Recorded at secondary dilution
NA: Not analyzed
bold: Exceeds NYSDEC Part 375 Soil Cleanup Objective

Table 11
Active Industrial Uniform Site
Below Grade Trap Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Sample Depth / Date Collected	Trap-01 Surface 5/10/2010	Trap-01 3 feet 5/19/2010	Trap-01 6 feet 5/19/2010
1,1,1,2-Tetrachloroethane	--		250,000U	570U	5.5U
1,1,1-Trichloroethane	100,000		250,000U	570U	5.5U
1,1,2,2-Tetrachloroethane	--		250,000U	570U	5.5U
1,1,2-Trichloroethane	--		250,000U	570U	5.5U
1,1-Dichloroethane	19,000		250,000U	570U	5.5U
1,1-Dichloroethylene	100,000		250,000U	570U	5.5U
1,1-Dichloropropene	--		250,000U	570U	28U
1,2,3-Trichlorobenzene	--		250,000U	570U	5.5U
1,2,3-Trichloropropane	--		250,000U	570U	5.5U
1,2,4,5-Tetramethylbenzene	--		NA	NA	NA
1,2,4-Trichlorobenzene	--		250,000U	570U	5.5U
1,2-Dichloroethane	2,300		250,000U	570U	5.5U
1,2-Dichloropropane	--		250,000U	570U	5.5U
1,3-Dichloropropane	--		250,000U	570U	5.5U
2,2-Dichloropropane	--		250,000U	570U	5.5U
2-chlorotoluene/4-chlorotoluene	--		NA	NA	NA
2-Hexanone	--		250,000U	570U	11U
Acetone	100,000		620,000U	1400U	22U
Benzene	2,900		250,000U	570U	5.5U
1,2,4-trimethylbenzene	47,000		250,000U	570U	5.5U
1,3,5-trimethylbenzene	47,000		250,000U	570U	5.5U
Isopropylbenzene	--		250,000U	570U	5.5U
Bromobenzene	--		250,000U	570U	5.5U
Bromodichloromethane	--		250,000U	570U	5.5U
Bromoform	--		250,000U	570U	5.5U
Carbon disulfide	--		250,000U	570U	5.5U
Carbon tetrachloride	1,400		250,000U	570U	5.5U
Chlorobenzene	100,000		250,000U	570U	5.5U
Chlorobromomethane	--		250,000U	570U	5.5U
Chlorodifluoromethane	--		NA	NA	NA
Chloroethane	--		250,000U	570U	5.5U
Chloroform	10,000		250,000U	570U	5.5U
cis-1,2-Dichloroethylene	59,000		250,000U	96J	5.5U
cis-1,3-Dichloropropene	--		250,000U	570U	5.5U
DBCP	--		250,000U	570U	11U
Dibromochloromethane	--		250,000U	570U	5.5U
Dichlorodifluoromethane	--		250,000U	570U	5.5U
EDB	--		250,000U	570U	5.5U
trans-1,2-Dichloroethylene	100,000		250,000U	570U	5.5U
Ethylbenzene	30,000		250,000U	570U	5.5U
Freon 113	--		NA	NA	NA
Hexachlorobutadiene	--		250,000U	570U	5.5U
m-Dichlorobenzene	17,000		250,000U	570U	5.5U
Methyl bromide	--		250,000U	570U	5.5U
Methyl chloride	--		250,000U	570U	5.5U
Methyl ethyl ketone	100,000		250,000U	570U	11U
Methyl iodide	--		250,000U	570U	11U
Methyl isobutylketone (MIBK)	--		250,000U	570U	5.5U
Methylene bromide	--		NA	NA	NA
Methylene chloride	51,000		250,000U	570U	22U
Methyltert-butylether	62,000		250,000U	570U	5.5U

Table 11
Active Industrial Uniform Site
Below Grade Trap Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Sample Depth / Date Collected	Trap-01 Surface 5/10/2010	Trap-01 3 feet 5/19/2010	Trap-01 6 feet 5/19/2010
Naphthalene	100,000		250,000U	570U	5.5U
n-Butylbenzene	100,000		250,000U	570U	5.5U
n-Propylbenzene	100,000		250,000U	570U	5.5U
o-Chlorotoluene	--		250,000U	570U	5.5U
o-Dichlorobenzene	100,000		250,000U	570U	5.5U
o-Xylene	100,000		NA	NA	NA
p-Chlorotoluene	--		250,000U	570U	5.5U
p-Cymene	--		250,000U	570U	5.5U
p-Dichlorobenzene	9,800		250,000U	570U	5.5U
p-diethylbenzene	--		NA	NA	NA
p-Xylene	100,000		NA	NA	NA
sec-Butylbenzene	100,000		250,000U	570U	5.5U
Styrene	--		250,000U	570U	5.5U
tert-Butylbenzene	100,000		250,000U	570U	5.5U
Tetrachloroethylene	5,500		**3,000,000**	**14,000**	11
Toluene	100,000		250,000U	570U	5.5U
trans-1,3-Dichloropropene	--		250,000U	570U	5.5U
Trichloroethylene	10,000		**240,000J**	830	5.5U
Trichlorofluoromethane	--		250,000U	570U	5.5U
Vinyl Acetate	--		250,000U	570U	11U
Vinyl chloride	210		250,000U	570U	5.5U
Xylene (total)	100,000		250,000U	570U	5.5U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
--: Standard not established
D: Recorded at secondary dilution
NA: Not analyzed
: Exceeds the NYSDEC Part 375 Residential Soil Cleanup Objective

Table 11
Active Industrial Uniform Site
Below Grade Trap Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Sample Depth / Date Collected	Trap-01 / 9 feet / 5/19/2010
1,1,1,2-Tetrachloroethane	--		5.8U
1,1,1-Trichloroethane	100,000		5.8U
1,1,2,2-Tetrachloroethane	--		5.8U
1,1,2-Trichloroethane	--		5.8U
1,1-Dichloroethane	19,000		5.8U
1,1-Dichloroethylene	100,000		5.8U
1,1-Dichloropropene	--		29U
1,2,3-Trichlorobenzene	--		5.8U
1,2,3-Trichloropropane	--		5.8U
1,2,4,5-Tetramethylbenzene	--		NA
1,2,4-Trichlorobenzene	--		5.8U
1,2-Dichloroethane	2,300		5.8U
1,2-Dichloropropane	--		5.8U
1,3-Dichloropropane	--		5.8U
2,2-Dichloropropane	--		5.8U
2-chlorotoluene/4-chlorotoluene	--		NA
2-Hexanone	--		12U
Acetone	100,000		23U
Benzene	2,900		5.8U
1,2,4-trimethylbenzene	47,000		5.8U
1,3,5-trimethylbenzene	47,000		5.8U
Isopropylbenzene	--		5.8U
Bromobenzene	--		5.8U
Bromodichloromethane	--		5.8U
Bromoform	--		5.8U
Carbon disulfide	--		5.8U
Carbon tetrachloride	1,400		5.8U
Chlorobenzene	100,000		5.8U
Chlorobromomethane	--		5.8U
Chlorodifluoromethane	--		NA
Chloroethane	--		5.8U
Chloroform	10,000		5.8U
cis-1,2-Dichloroethylene	59,000		5.8U
cis-1,3-Dichloropropene	--		5.8U
DBCP	--		12U
Dibromochloromethane	--		5.8U
Dichlorodifluoromethane	--		5.8U
EDB	--		5.8U
trans-1,2-Dichloroethylene	100,000		5.8U
Ethylbenzene	30,000		5.8U
Freon 113	--		NA
Hexachlorobutadiene	--		5.8U
m-Dichlorobenzene	17,000		5.8U
Methyl bromide	--		5.8U
Methyl chloride	--		5.8U
Methyl ethyl ketone	100,000		12U
Methyl iodide	--		12U
Methyl isobutylketone (MIBK)	--		5.8U
Methylene bromide	--		NA
Methylene chloride	51,000		23U
Methyltert-butylether	62,000		5.8U

Table 11
Active Industrial Uniform Site
Below Grade Trap Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Sample Depth / Date Collected	Trap-01 / 9 feet / 5/19/2010
Naphthalene	100,000		5.8U
n-Butylbenzene	100,000		5.8U
n-Propylbenzene	100,000		5.8U
o-Chlorotoluene	--		5.8U
o-Dichlorobenzene	100,000		5.8U
o-Xylene	100,000		NA
p-Chlorotoluene	--		5.8U
p-Cymene	--		5.8U
p-Dichlorobenzene	9,800		5.8U
p-diethylbenzene	--		NA
p-Xylene	100,000		NA
sec-Butylbenzene	100,000		5.8U
Styrene	--		5.8U
tert-Butylbenzene	100,000		5.8U
Tetrachloroethylene	5,500		2.2J
Toluene	100,000		5.8U
trans-1,3-Dichloropropene	--		5.8U
Trichloroethylene	10,000		5.8U
Trichlorofluoromethane	--		5.8U
Vinyl Acetate	--		12U
Vinyl chloride	210		5.8U
Xylene (total)	100,000		5.8U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
--: Standard not established
D: Recorded at secondary dilution
NA: Not analyzed
: Exceeds the NYSDEC Part 375 Residential Soil Cleanup Objective

Table 12
Active Industrial Uniform Site
Below Grade Valve Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Sample Depth / Date Collected	Valve-02 Surface 5/11/2010	Valve-03 3 feet 5/18/2010	Valve-06 6 feet 5/18/2010	Valve-09 9 feet 5/18/2010
1,1,1,2-Tetrachloroethane	--		2,400U	5.2U	5.3U	6.2U
1,1,1-Trichloroethane	100,000		2,400U	5.2U	5.3U	6.2U
1,1,2,2-Tetrachloroethane	--		2,400U	5.2U	5.3U	3J
1,1,2-Trichloroethane	--		2,400U	5.2U	5.3U	6.2U
1,1-Dichloroethane	19,000		2,400U	5.2U	5.3U	6.2U
1,1-Dichloroethylene	100,000		2,400U	5.2U	5.3U	6.2U
1,1-Dichloropropene	--		2,400U	26U	26U	31U
1,2,3-Trichlorobenzene	--		2,400U	5.2U	5.3U	6.2U
1,2,3-Trichloropropane	--		2,400U	5.2U	5.3U	6.2U
1,2,4,5-Tetramethylbenzene	--		NA	NA	NA	NA
1,2,4-Trichlorobenzene	--		2,400U	5.2U	5.3U	6.2U
1,2-Dichloroethane	2,300		2,400U	5.2U	5.3U	6.2U
1,2-Dichloropropane	--		2,400U	5.2U	5.3U	6.2U
1,3-Dichloropropane	--		2,400U	5.2U	5.3U	6.2U
2,2-Dichloropropane	--		2,400U	5.2U	5.3U	6.2U
2-chlorotoluene/4-chlorotoluene	--		NA	NA	NA	NA
2-Hexanone	--		2,400U	10U	11U	12U
Acetone	100,000		6,000U	6.8JB	8.7JB	7.1JB
Benzene	2,900		2,400U	5.2U	5.3U	6.2U
1,2,4-trimethylbenzene	47,000		2,400U	5.2U	5.3U	6.2U
1,3,5-trimethylbenzene	47,000		2,400U	5.2U	5.3U	6.2U
Isopropylbenzene	--		2,400U	5.2U	5.3U	6.2U
Bromobenzene	--		2,400U	5.2U	5.3U	6.2U
Bromodichloromethane	--		2,400U	5.2U	5.3U	6.2U
Bromoform	--		2,400U	5.2U	5.3U	6.2U
Carbon disulfide	--		2,400U	5.2U	5.3U	6.2U
Carbon tetrachloride	1,400		2,400U	5.2U	5.3U	6.2U
Chlorobenzene	100,000		2,400U	5.2U	5.3U	6.2U
Chlorobromomethane	--		2,400U	5.2U	5.3U	6.2U
Chlorodifluoromethane	--		NA	NA	NA	NA
Chloroethane	--		2,400U	5.2U	5.3U	6.2U
Chloroform	10,000		2,400U	5.2U	5.3U	6.2U
cis-1,2-Dichloroethylene	59,000		2,400U	5.2U	5.3U	6.2U
cis-1,3-Dichloropropene	--		2,400U	5.2U	5.3U	6.2U
DBCP	--		2,400U	10U	11U	12U
Dibromochloromethane	--		2,400U	5.2U	5.3U	6.2U
Dichlorodifluoromethane	--		2,400U	5.2U	5.3U	6.2U
EDB	--		2,400U	5.2U	5.3U	6.2U
trans-1,2-Dichloroethylene	100,000		2,400U	5.2U	5.3U	6.2U
Ethylbenzene	30,000		2,400U	5.2U	5.3U	6.2U
Freon 113	--		NA	NA	NA	NA
Hexachlorobutadiene	--		2,400U	5.2U	5.3U	6.2U
m-Dichlorobenzene	17,000		2,400U	5.2U	5.3U	6.2U
Methyl bromide	--		2,400U	5.2U	5.3U	6.2U
Methyl chloride	--		2,400U	5.2U	5.3U	6.2U
Methyl ethyl ketone	100,000		2,400U	10U	11U	12U
Methyl iodide	--		2,400U	10U	11U	12U
Methyl isobutylketone (MIBK)	--		2,400U	5.2U	5.3U	6.2U
Methylene bromide	--		NA	NA	NA	NA
Methylene chloride	51,000		2,400U	1.9JB	2.3JB	2.7JB
Methyltert-butylether	62,000		2,400U	5.2U	5.3U	6.2U

Table 12
Active Industrial Uniform Site
Below Grade Valve Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID	Valve-02	Valve-03	Valve-06	Valve-09
		Sample Depth	Surface	3 feet	6 feet	9 feet
		Date Collected	5/11/2010	5/18/2010	5/18/2010	5/18/2010
Naphthalene	100,000		2,400U	5.2U	5.3U	6.2U
n-Butylbenzene	100,000		2,400U	5.2U	5.3U	6.2U
n-Propylbenzene	100,000		2,400U	5.2U	5.3U	6.2U
o-Chlorotoluene	--		2,400U	5.2U	5.3U	6.2U
o-Dichlorobenzene	100,000		2,400U	5.2U	5.3U	6.2U
o-Xylene	100,000		NA	NA	NA	NA
p-Chlorotoluene	--		2,400U	5.2U	5.3U	6.2U
p-Cymene	--		2,400U	5.2U	5.3U	6.2U
p-Dichlorobenzene	9,800		2,400U	5.2U	5.3U	6.2U
p-diethylbenzene	--		NA	NA	NA	NA
p-Xylene	100,000		NA	NA	NA	NA
sec-Butylbenzene	100,000		2,400U	5.2U	5.3U	6.2U
Styrene	--		2,400U	5.2U	5.3U	6.2U
tert-Butylbenzene	100,000		2,400U	5.2U	5.3U	6.2U
Tetrachloroethylene	5,500		**24,000**	55	54	80
Toluene	100,000		2,400U	5.2U	5.3U	6.2U
trans-1,3-Dichloropropene	--		2,400U	5.2U	5.3U	6.2U
Trichloroethylene	10,000		1,700J	5.2U	5.3U	1.1J
Trichlorofluoromethane	--		2,400U	5.2U	5.3U	6.2U
Vinyl Acetate	--		2,400U	10U	11U	12U
Vinyl chloride	210		2,400U	5.2U	5.3U	6.2U
Xylene (total)	100,000		2,400U	5.2U	5.3U	6.2U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
--: Standard not established
D: Recorded at secondary dilution
NA: Not analyzed
: Exceeds the NYSDEC Part 375 Residential Soil Cleanup Objective

Table 13
Active Industrial Uniform Site
Below Grade Fractured Pipe Contents Liquid Sample Results
Volatile Organic Compounds

CONSTITUENT	Class GA Groundwater Standards	Sample ID / Date Collected	Pipe Contents Liquid 5/11/2010
1,1,1,2-Tetrachloroethane	5.0		10U
1,1,1-Trichloroethane	5.0		10U
1,1,2,2-Tetrachloroethane	5.0		10U
1,1,2-Trichloroethane	1.0		10U
1,1-Dichloroethane	5.0		10U
1,1-Dichloroethylene	5.0		10U
1,1-Dichloropropene	5.0		10U
1,2,3-Trichlorobenzene	5.0		10U
1,2,3-Trichloropropane	0.04		10U
1,2,4,5-Tetramethylbenzene	--		10U
1,2,4-Trichlorobenzene	5.0		10U
1,2-Dichloroethane	0.6		10U
1,2-Dichloropropane	1.0		10U
1,3-Dichloropropane	5.0		10U
2,2-Dichloropropane	5.0		10U
2-Chlorotoluene/4-chlorotoluene	--		10U
Acetone	50.0		3J
Benzene	1.0		10U
1,2,4-trimethylbenzene	5.0		10U
1,3,5-trimethylbenzene	5.0		10U
Isopropylbenzene	5.0		10U
Bromobenzene	5.0		10U
Bromodichloromethane	50.0		10U
Bromoform	50.0		10U
Carbon tetrachloride	5.0		10U
Chlorobenzene	5.0		10U
Chlorobromomethane	5.0		10U
Chlorodifluoromethane	--		10U
Chloroethane	5.0		10U
Chloroform	7.0		10U
cis-1,2-Dichloroethylene	5.0		**44**
cis-1,3-Dichloropropene	0.4		10U
DBCP	0.04		10U
Dibromochloromethane	50.0		10U
Dichlorodifluoromethane	5.0		10U
EDB	0.0006		10U
trans-1,2-Dichloroethylene	5.0		2J
Ethylbenzene	5.0		10U
Freon 113	--		10U
Hexachlorobutadiene	0.5		10U
m-Dichlorobenzene	3.0		10U
Methyl bromide	5.0		10U
Methyl chloride	5.0		10U

Table 13
Active Industrial Uniform Site
Below Grade Fractured Pipe Contents Liquid Sample Results
Volatile Organic Compounds

CONSTITUENT	Class GA Groundwater Standards	Sample ID / Date Collected	Pipe Contents Liquid 5/11/2010
Methyl ethyl ketone	50.0		10U
Methyl isobutylketone (MIBK)	--		10U
Methylene bromide	5.0		10U
Methylene chloride	5.0		10U
Methyltert-butylether	10.0		10U
Naphthalene	10.0		10U
n-Butylbenzene	5.0		10U
n-Propylbenzene	5.0		10U
o-Dichlorobenzene	3.0		10U
o-Xylene	5.0		10U
p-Cymene	--		10U
p-Dichlorobenzene	3.0		10U
p-diethylbenzene	--		10U
p-Xylene	5.0		10U
sec-Butylbenzene	5.0		10U
Styrene	5.0		10U
tert-Butylbenzene	5.0		10U
Tetrachloroethylene	5.0		**370D**
Toluene	5.0		10U
trans-1,3-Dichloropropene	0.4		10U
Trichloroethylene	5.0		**150**
Trichlorofluoromethane	5.0		10U
Vinyl chloride	2.0		10U
Xylene (total)	5.0		10U

Notes:
All concentrations provided in micrograms per liter
U: Not detected
J: Estimated value
--: Standard not established
D: Recorded at secondary dilution
bold:Exceeds the Class GA Groundwater Standards

Table 14
Active Industrial Uniform Site
Concrete Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Concrete Composite 5/12/2010
1,1,1,2-Tetrachloroethane	--		5.4U
1,1,1-Trichloroethane	100,000		5.4U
1,1,2,2-Tetrachloroethane	--		5.4U
1,1,2-Trichloroethane	--		5.4U
1,1-Dichloroethane	19,000		5.4U
1,1-Dichloroethylene	100,000		5.4U
1,1-Dichloropropene	--		27U
1,2,3-Trichlorobenzene	--		5.4U
1,2,3-Trichloropropane	--		5.4U
1,2,4-Trichlorobenzene	--		5.4U
1,2-Dichloroethane	2,300		5.4U
1,2-Dichloropropane	--		5.4U
1,3-Dichloropropane	--		5.4U
2,2-Dichloropropane	--		5.4U
2-Hexanone	--		11U
Acetone	100,000		22U
Benzene	2,900		5.4U
1,2,4-trimethylbenzene	47,000		4.1J
1,3,5-trimethylbenzene	47,000		1.8J
Isopropylbenzene	--		5.4U
Bromobenzene	--		5.4U
Bromodichloromethane	--		5.4U
Bromoform	--		5.4U
Carbon disulfide	--		5.4U
Carbon tetrachloride	1,400		5.4U
Chlorobenzene	100,000		5.4U
Chlorobromomethane	--		5.4U
Chloroethane	--		5.4U
Chloroform	10,000		5.4U
cis-1,2-Dichloroethylene	59,000		5.4U
cis-1,3-Dichloropropene	--		5.4U
DBCP	--		11U
Dibromochloromethane	--		5.4U
Dichlorodifluoromethane	--		5.4U
EDB	--		5.4U
trans-1,2-Dichloroethylene	100,000		5.4U
Ethylbenzene	30,000		5.4U
Hexachlorobutadiene	--		5.4U
m-Dichlorobenzene	17,000		5.4U
Methyl bromide	--		5.4U
Methyl chloride	--		5.4U
Methyl ethyl ketone	100,000		11U
Methyl iodide	--		11U

Table 14
Active Industrial Uniform Site
Concrete Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Concrete Composite 5/12/2010
Methyl isobutylketone (MIBK)	--		5.4U
Methylene chloride	51,000		22U
Methyltert-butylether	62,000		5.4U
Naphthalene	100,000		5.4U
n-Butylbenzene	100,000		5.4U
n-Propylbenzene	100,000		5.4U
o-Chlorotoluene	--		5.4U
o-Dichlorobenzene	100,000		5.4U
p-Chlorotoluene	--		5.4U
p-Cymene	--		5.4U
p-Dichlorobenzene	9,800		5.4U
sec-Butylbenzene	100,000		5.4U
Styrene	--		5.4U
tert-Butylbenzene	100,000		5.4U
Tetrachloroethylene	5,500		91
Toluene	100,000		5.4U
trans-1,3-Dichloropropene	--		5.4U
Trichloroethylene	10,000		5.4U
Trichlorofluoromethane	--		5.4U
Vinyl Acetate	--		11U
Vinyl chloride	210		5.4U
Xylene (total)	100,000		5.4U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
J: Estimated value
--: Standard not established

Table 15
Active Industrial Uniform Site
Foundation Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Foundation 5/20/2010
1,1,1,2-Tetrachloroethane	--		6U
1,1,1-Trichloroethane	100,000		6U
1,1,2,2-Tetrachloroethane	--		6U
1,1,2-Trichloroethane	--		6U
1,1-Dichloroethane	19,000		6U
1,1-Dichloroethylene	100,000		6U
1,1-Dichloropropene	--		30U
1,2,3-Trichlorobenzene	--		6U
1,2,3-Trichloropropane	--		6U
1,2,4-Trichlorobenzene	--		6U
1,2,4-Trimethylbenzene	47,000		6U
1,2-Dichloroethane	2,300		6U
1,2-Dichloropropane	--		6U
1,3,5-Trimethylbenzene	47,000		6U
1,3-Dichloropropane	--		6U
2,2-Dichloropropane	--		6U
2-Hexanone	--		12U
Acetone	100,000		24U
Benzene	2,900		6U
Bromobenzene	--		6U
Bromodichloromethane	--		6U
Bromoform	--		6U
Carbon disulfide	--		6U
Carbon tetrachloride	1,400		6U
Chlorobenzene	100,000		6U
Chlorobromomethane	--		6U
Chloroethane	--		6U
Chloroform	10,000		6U
cis-1,2-Dichloroethylene	59,000		1.3J
cis-1,3-Dichloropropene	--		6U
DBCP	--		12U
Dibromochloromethane	--		6U
Dichlorodifluoromethane	--		6U
EDB	--		6U
Ethylbenzene	30,000		6U
Hexachlorobutadiene	--		6U
Isopropylbenzene	--		6U
m-Dichlorobenzene	17,000		6U
Methyl bromide	--		6U
Methyl chloride	--		6U
Methyl ethyl ketone	100,000		12U
Methyl iodide	--		12U
Methyl isobutylketone (MIBK)	--		6U

Table 15
Active Industrial Uniform Site
Foundation Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Foundation 5/20/2010
Methylene chloride	51,000		24U
Methyltert-butylether	62,000		6U
Naphthalene	100,000		6U
n-Butylbenzene	100,000		6U
n-Propylbenzene	100,000		6U
o-Chlorotoluene	--		6U
o-Dichlorobenzene	100,000		6U
p-Chlorotoluene	--		6U
p-Cymene	--		6U
p-Dichlorobenzene	9,800		6U
sec-Butylbenzene	100,000		6U
Styrene	--		6U
tert-Butylbenzene	100,000		6U
Tetrachloroethylene	5,500		31
Toluene	100,000		6U
trans-1,2-Dichloroethylene	100,000		6U
trans-1,3-Dichloropropene	--		6U
Trichloroethylene	10,000		2.3J
Trichlorofluoromethane	--		6U
Vinyl Acetate	--		12U
Vinyl chloride	210		6U
Xylene (total)	100,000		6U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
J: Estimated value
--: Standard not established

Table 16
Active Industrial Uniform Site
Dry Well Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID	B-01	B-02
		Sample Depth	10-12 feet	12-14 feet
		Date Collected	5/27/2010	5/27/2010
1,1,1,2-Tetrachloroethane	--		6.2U	6U
1,1,1-Trichloroethane	100,000		6.2U	6U
1,1,2,2-Tetrachloroethane	--		6.2U	6U
1,1,2-Trichloroethane	--		6.2U	6U
1,1-Dichloroethane	19,000		6.2U	6U
1,1-Dichloroethylene	100,000		6.2U	6U
1,1-Dichloropropene	--		31U	30U
1,2,3-Trichlorobenzene	--		6.2U	6U
1,2,3-Trichloropropane	--		6.2U	6U
1,2,4-Trichlorobenzene	--		6.2U	6U
1,2-Dichloroethane	2,300		6.2U	6U
1,2-Dichloropropane	--		6.2U	6U
1,3-Dichloropropane	--		6.2U	6U
2,2-Dichloropropane	--		6.2U	6U
2-Hexanone	--		12U	12U
Acetone	100,000		3.6JB	11JB
Benzene	2,900		6.2U	6U
1,2,4-trimethylbenzene	47,000		6.2U	6U
1,3,5-trimethylbenzene	47,000		6.2U	6U
Isopropylbenzene	--		6.2U	6U
Bromobenzene	--		6.2U	6U
Bromodichloromethane	--		6.2U	6U
Bromoform	--		6.2U	6U
Carbon disulfide	--		6.2U	6U
Carbon tetrachloride	1,400		6.2U	6U
Chlorobenzene	100,000		6.2U	6U
Chlorobromomethane	--		6.2U	6U
Chloroethane	--		6.2U	6U
Chloroform	10,000		6.2U	6U
cis-1,2-Dichloroethylene	59,000		6.2U	43
cis-1,3-Dichloropropene	--		6.2U	6U
DBCP	--		12U	12U
Dibromochloromethane	--		6.2U	6U
Dichlorodifluoromethane	--		6.2U	6U
EDB	--		6.2U	6U
trans-1,2-Dichloroethylene	100,000		6.2U	6U
Ethylbenzene	30,000		6.2U	6U
Hexachlorobutadiene	--		6.2U	6U
m-Dichlorobenzene	17,000		6.2U	6U
Methyl bromide	--		6.2U	6U
Methyl chloride	--		6.2U	6U
Methyl ethyl ketone	100,000		12U	12U

Table 16
Active Industrial Uniform Site
Dry Well Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID	B-01	B-02
		Sample Depth	10-12 feet	12-14 feet
		Date Collected	5/27/2010	5/27/2010
Methyl iodide	--		12U	12U
Methyl isobutylketone (MIBK)	--		6.2U	6U
Methylene chloride	51,000		3.3JB	2.4JB
Methyltert-butylether	62,000		6.2U	6U
Naphthalene	100,000		6.2U	5.3J
n-Butylbenzene	100,000		6.2U	6U
n-Propylbenzene	100,000		6.2U	6U
o-Chlorotoluene	--		6.2U	6U
o-Dichlorobenzene	100,000		6.2U	6U
p-Chlorotoluene	--		6.2U	6U
p-Cymene	--		6.2U	6U
p-Dichlorobenzene	9,800		6.2U	6U
sec-Butylbenzene	100,000		6.2U	6U
Styrene	--		6.2U	6U
tert-Butylbenzene	100,000		6.2U	6U
Tetrachloroethylene	5,500		6.2U	29
Toluene	100,000		0.4JB	6U
trans-1,3-Dichloropropene	--		6.2U	6U
Trichloroethylene	10,000		6.2U	4.2J
Trichlorofluoromethane	--		6.2U	6U
Vinyl Acetate	--		12U	12U
Vinyl chloride	210		6.2U	6U
Xylene (total)	100,000		6.2U	6U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
J: Estimated value
B: Compound also detected in the associated method blank
--: Standard not established

Table 17
Active Industrial Uniform Site
Dry Well Groundwater Sample Results
Volatile Organic Compounds

CONSTITUENT	Class GA Groundwater Standards	Sample ID	B-01	B-02
		Sample Depth	7-9 feet	7.5-9.5 feet
		Date Collected	5/27/2010	5/27/2010
1,1,1,2-Tetrachloroethane	5.0		5U	5U
1,1,1-Trichloroethane	5.0		5U	5U
1,1,2,2-Tetrachloroethane	5.0		5U	5U
1,1,2-Trichloroethane	1.0		5U	5U
1,1-Dichloroethane	5.0		5U	5U
1,1-Dichloroethylene	5.0		5U	5U
1,1-Dichloropropene	5.0		5U	5U
1,2,3-Trichlorobenzene	5.0		5U	5U
1,2,3-Trichloropropane	0.04		5U	5U
1,2,4-Trichlorobenzene	5.0		5U	5U
1,2-Dichloroethane	0.6		5U	5U
1,2-Dichloropropane	1.0		5U	5U
1,3-Dichloropropane	5.0		5U	5U
2,2-Dichloropropane	5.0		5U	5U
2-Hexanone	50.0		10U	10U
Acetone	50.0		7.9J	7.6J
Benzene	1.0		5U	5U
1,2,4-trimethylbenzene	5.0		5U	5U
1,3,5-trimethylbenzene	5.0		5U	5U
Iropropylbenzene	5.0		5U	1.2J
Bromobenzene	5.0		5U	5U
Bromodichloromethane	50.0		5U	5U
Bromoform	50.0		5U	5U
Carbon disulfide	60.0		5U	5U
Carbon tetrachloride	5.0		5U	5U
Chlorobenzene	5.0		5U	5U
Chlorobromomethane	5.0		5U	5U
Chloroethane	5.0		5U	5U
Chloroform	7.0		5U	5U
cis-1,2-Dichloroethylene	5.0		2.7J	5U
cis-1,3-Dichloropropene	0.4		5U	5U
DBCP	0.04		5U	5U
Dibromochloromethane	50.0		5U	5U
Dichlorodifluoromethane	5.0		5U	5U
EDB	0.0006		5U	5U
trans-1,2-Dichloroethylene	5.0		5U	5U
Ethylbenzene	5.0		5U	5U
Hexachlorobutadiene	0.5		5U	5U
m-Dichlorobenzene	3.0		5U	5U
Methyl bromide	5.0		5U	5U
Methyl chloride	5.0		5U	5U
Methyl ethyl ketone	50.0		10U	10U

Table 17
Active Industrial Uniform Site
Dry Well Groundwater Sample Results
Volatile Organic Compounds

CONSTITUENT	Class GA Groundwater Standards	Sample ID	B-01	B-02
		Sample Depth	7-9 feet	7.5-9.5 feet
		Date Collected	5/27/2010	5/27/2010
Methyl iodide	5.0		10U	10U
Methyl isobutylketone (MIBK)	--		10U	10U
Methylene chloride	5.0		5U	5U
Methyltert-butylether	10.0		5U	5U
Naphthalene	10.0		5U	5U
n-Butylbenzene	5.0		5U	5U
n-Propylbenzene	5.0		5U	5U
o-Chlorotoluene	5.0		5U	5U
o-Dichlorobenzene	3.0		5U	0.78J
p-Chlorotoluene	5.0		5U	5U
p-Cymene	--		5U	5U
p-Dichlorobenzene	3.0		5U	5U
sec-Butylbenzene	5.0		5U	1.6J
Styrene	5.0		5U	5U
tert-Butylbenzene	5.0		5U	5U
Tetrachloroethylene	5.0		**82**	0.85J
Toluene	5.0		5U	5U
trans-1,3-Dichloropropene	0.4		5U	5U
Trichloroethylene	5.0		**9.3**	0.87J
Trichlorofluoromethane	5.0		5U	5U
Vinyl Acetate	--		5U	5U
Vinyl chloride	2.0		5U	5U
Xylene (total)	5.0		5U	5U

Notes:
All concentrations provided in micrograms per liter
U: Not detected
J: Estimated value
--: Standard not established
: Exceeds the Class GA Groundwater Standards

Table 18
Active Industrial Uniform Site
Southwestern Area Pre-Characterization Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID	B-03	B-03	B-04
		Sample Depth	0-2 feet	4-6 feet	2-4 feet
		Date Collected	5/27/2010	5/27/2010	5/27/2010
1,1,1,2-Tetrachloroethane	--		120,000U	26U	12U
1,1,1-Trichloroethane	100,000		120,000U	26U	12U
1,1,2,2-Tetrachloroethane	--		120,000U	26U	12U
1,1,2-Trichloroethane	--		120,000U	26U	12U
1,1-Dichloroethane	19,000		120,000U	26U	12U
1,1-Dichloroethylene	100,000		120,000U	26U	12U
1,1-Dichloropropene	--		120,000U	130U	58U
1,2,3-Trichlorobenzene	--		120,000U	26U	12U
1,2,3-Trichloropropane	--		120,000U	26U	12U
1,2,4-Trichlorobenzene	--		120,000U	26U	12U
1,2-Dichloroethane	2,300		120,000U	26U	12U
1,2-Dichloropropane	--		120,000U	26U	12U
1,3-Dichloropropane	--		120,000U	26U	12U
2,2-Dichloropropane	--		120,000U	26U	12U
2-Hexanone	--		120,000U	52U	23U
Acetone	100,000		290,000U	13JB	46U
Benzene	2,900		120,000U	26U	12U
1,2,4-trimethylbenzene	47,000		32,000J	6.6J	12U
1,3,5-trimethylbenzene	47,000		120,000U	26U	12U
Isopropylbenzene	--		120,000U	26U	12U
Bromobenzene	--		120,000U	26U	12U
Bromodichloromethane	--		120,000U	26U	12U
Bromoform	--		120,000U	26U	12U
Carbon disulfide	--		120,000U	26U	12U
Carbon tetrachloride	1,400		120,000U	26U	12U
Chlorobenzene	100,000		120,000U	26U	12U
Chlorobromomethane	--		120,000U	26U	12U
Chloroethane	--		120,000U	26U	12U
Chloroform	10,000		120,000U	26U	12U
cis-1,2-Dichloroethylene	59,000		20,000J	8.1J	14
cis-1,3-Dichloropropene	--		120,000U	26U	12U
DBCP	--		120,000U	52U	23U
Dibromochloromethane	--		120,000U	26U	12U
Dichlorodifluoromethane	--		120,000U	26U	12U
EDB	--		120,000U	26U	12U
trans-1,2-Dichloroethylene	100,000		120,000U	26U	12U
Ethylbenzene	30,000		120,000U	26U	12U
Hexachlorobutadiene	--		120,000U	26U	12U
m-Dichlorobenzene	17,000		120,000U	26U	12U
Methyl bromide	--		120,000U	26U	12U
Methyl chloride	--		120,000U	26U	12U
Methyl ethyl ketone	100,000		120,000U	52U	23U
Methyl iodide	--		120,000U	52U	23U

Table 18
Active Industrial Uniform Site
Southwestern Area Pre-Characterization Soil Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Sample Depth / Date Collected	B-03 0-2 feet 5/27/2010	B-03 4-6 feet 5/27/2010	B-04 2-4 feet 5/27/2010
Methyl isobutylketone (MIBK)	--		120,000U	26U	12U
Methylene chloride	51,000		23,000JB	8.9JB	4.4JB
Methyltert-butylether	62,000		120,000U	26U	12U
Naphthalene	100,000		120,000U	26U	12U
n-Butylbenzene	100,000		120,000U	26U	12U
n-Propylbenzene	100,000		120,000U	26U	12U
o-Chlorotoluene	--		120,000U	26U	12U
o-Dichlorobenzene	100,000		120,000U	26U	12U
p-Chlorotoluene	--		120,000U	26U	12U
p-Cymene	--		120,000U	26U	12U
p-Dichlorobenzene	9,800		120,000U	26U	12U
sec-Butylbenzene	100,000		120,000U	26U	12U
Styrene	--		120,000U	26U	12U
tert-Butylbenzene	100,000		120,000U	26U	12U
Tetrachloroethylene	5,500		**2,100,000**	860	340
Toluene	100,000		120,000U	1.6JB	0.62JB
trans-1,3-Dichloropropene	--		120,000U	26U	12U
Trichloroethylene	10,000		**34,000J**	11J	25
Trichlorofluoromethane	--		120,000U	26U	12U
Vinyl Acetate	--		120,000U	52U	23U
Vinyl chloride	210		120,000U	26U	12U
Xylene (total)	100,000		120,000U	26U	12U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
J: Estimated value
B: Compound also detected in the associated method blank
--: Standard not established
: Exceeds the NYSDEC Part 375 Residential Soil Cleanup Objective

Table 19
Active Industrial Uniform Site
Southwestern Area Pre-Characterization Groundwater Sample Results
Volatile Organic Compounds

CONSTITUENT	Class GA Groundwater Standards	Sample ID	B-03	B-04
		Sample Depth	9-11 feet	10-12 feet
		Date Collected	5/27/2010	5/27/2010
1,1,1,2-Tetrachloroethane	5.0		5U	5U
1,1,1-Trichloroethane	5.0		5U	5U
1,1,2,2-Tetrachloroethane	5.0		5U	5U
1,1,2-Trichloroethane	1.0		5U	5U
1,1-Dichloroethane	5.0		5U	5U
1,1-Dichloroethylene	5.0		5U	5U
1,1-Dichloropropene	5.0		5U	5U
1,2,3-Trichlorobenzene	5.0		5U	5U
1,2,3-Trichloropropane	0.04		5U	5U
1,2,4-Trichlorobenzene	5.0		5U	5U
1,2-Dichloroethane	0.6		5U	5U
1,2-Dichloropropane	1.0		5U	5U
1,3-Dichloropropane	5.0		5U	5U
2,2-Dichloropropane	5.0		5U	5U
2-Hexanone	50.0		10U	10U
Acetone	50.0		5.3J	5.2J
Benzene	1.0		5U	5U
1,2,4-trimethybenzene	5.0		5U	5U
1,3,5-trimethylbenzene	5.0		5U	5U
Isopropylbenzene	5.0		5U	5U
Bromobenzene	5.0		5U	5U
Bromodichloromethane	50.0		5U	5U
Bromoform	50.0		5U	5U
Carbon disulfide	60.0		5U	5U
Carbon tetrachloride	5.0		5U	5U
Chlorobenzene	5.0		5U	5U
Chlorobromomethane	5.0		5U	5U
Chloroethane	5.0		5U	5U
Chloroform	7.0		5U	5U
cis-1,2-Dichloroethylene	5.0		**58**	1.8J
cis-1,3-Dichloropropene	0.4		5U	5U
DBCP	0.04		5U	5U
Dibromochloromethane	50.0		5U	5U
Dichlorodifluoromethane	5.0		5U	5U
EDB	0.0006		5U	5U
trans-1,2-Dichloroethylene	5.0		5U	5U
Ethylbenzene	5.0		5U	5U
Hexachlorobutadiene	0.5		5U	5U
m-Dichlorobenzene	3.0		5U	5U
Methyl bromide	5.0		5U	5U
Methyl chloride	5.0		5U	5U
Methyl ethyl ketone	50.0		10U	10U

Table 19
Active Industrial Uniform Site
Southwestern Area Pre-Characterization Groundwater Sample Results
Volatile Organic Compounds

CONSTITUENT	Class GA Groundwater Standards	Sample ID	B-03	B-04
		Sample Depth	9-11 feet	10-12 feet
		Date Collected	5/27/2010	5/27/2010
Methyl iodide	5.0		10U	10U
Methyl isobutylketone (MIBK)	--		10U	10U
Methylene chloride	5.0		5U	5U
Methyltert-butylether	10.0		5U	5U
Naphthalene	10.0		5U	5U
n-Butylbenzene	5.0		5U	5U
n-Propylbenzene	5.0		5U	5U
o-Chlorotoluene	5.0		5U	5U
o-Dichlorobenzene	3.0		5U	5U
p-Chlorotoluene	5.0		5U	5U
p-Cymene	--		5U	5U
p-Dichlorobenzene	3.0		5U	5U
sec-Butylbenzene	5.0		5U	5U
Styrene	5.0		5U	5U
tert-Butylbenzene	5.0		5U	5U
Tetrachloroethylene	5.0		**190**	**28**
Toluene	5.0		5U	5U
trans-1,3-Dichloropropene	0.4		5U	5U
Trichloroethylene	5.0		**20**	2.8J
Trichlorofluoromethane	5.0		5U	5U
Vinyl Acetate	--		5U	5U
Vinyl chloride	2.0		1.6J	5U
Xylene (total)	5.0		5U	5U

Notes:
All concentrations provided in micrograms per liter
U: Not detected
J: Estimated value
--: Standard not established
: Exceeds the Class GA Groundwater Standards

Table 20
Active Industrial Uniform Site
Ranco Sand Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Ranco Sand 5/17/2010
1,1,1,2-Tetrachloroethane	--		10U
1,1,1-Trichloroethane	100,000		10U
1,1,2,2-Tetrachloroethane	--		10U
1,1,2-Trichloroethane	--		10U
1,1-Dichloroethane	19,000		10U
1,1-Dichloroethylene	100,000		10U
1,1-Dichloropropene	--		10U
1,2,3-Trichlorobenzene	--		10U
1,2,3-Trichloropropane	--		10U
1,2,4,5-Tetramethylbenzene	--		10U
1,2,4-Trichlorobenzene	--		10U
1,2-Dichloroethane	2,300		10U
1,2-Dichloropropane	--		10U
1,3-Dichloropropane	--		10U
2,2-Dichloropropane	--		10U
2-chlorotoluene/4-chlorotoluene	--		10U
Acetone	100,000		10U
Benzene	2,900		10U
1,2,4-trimethylbenzene	47,000		10U
1,3,5-trimethylbenzene	47,000		10U
Isopropylbenzene	--		10U
Bromobenzene	--		10U
Bromodichloromethane	--		10U
Bromoform	--		10U
Carbon tetrachloride	1,400		10U
Chlorobenzene	100,000		10U
Chlorobromomethane	--		10U
Chlorodifluoromethane	--		10U
Chloroethane	--		10U
Chloroform	10,000		10U
cis-1,2-Dichloroethylene	59,000		10U
cis-1,3-Dichloropropene	--		10U
DBCP	--		10U
Dibromochloromethane	--		10U
Dichlorodifluoromethane	--		10U
EDB	--		10U
trans-1,2-Dichloroethylene	100,000		10U
Ethylbenzene	30,000		10U
Freon 113	--		10U
Hexachlorobutadiene	--		10U
m-Dichlorobenzene	17,000		10U
Methyl bromide	--		10U
Methyl chloride	--		10U

Table 20
Active Industrial Uniform Site
Ranco Sand Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Ranco Sand 5/17/2010
Methyl ethyl ketone	100,000		10U
Methyl isobutylketone (MIBK)	--		10U
Methylene bromide	--		10U
Methylene chloride	51,000		10U
Methyltert-butylether	62,000		10U
Naphthalene	100,000		10U
n-Butylbenzene	100,000		10U
n-Propylbenzene	100,000		10U
o-Dichlorobenzene	100,000		10U
o-Xylene	100,000		10U
p-Cymene	--		10U
p-Dichlorobenzene	9,800		10U
p-diethylbenzene	--		10U
p-Xylene	100,000		10U
sec-Butylbenzene	100,000		10U
Styrene	--		10U
tert-Butylbenzene	100,000		10U
Tetrachloroethylene	5,500		10U
Toluene	100,000		10U
trans-1,3-Dichloropropene	--		10U
Trichloroethylene	10,000		10U
Trichlorofluoromethane	--		10U
Vinyl chloride	210		10U
Xylene (total)	100,000		10U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
J: Estimated value
B: Compound also detected in the associated method blank
--: Standard not established

Table 21
Active Industrial Uniform Site
RCA Fill Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	RCA Fill 5/13/2010
1,1,1,2-Tetrachloroethane	--		11U
1,1,1-Trichloroethane	100,000		11U
1,1,2,2-Tetrachloroethane	--		11U
1,1,2-Trichloroethane	--		11U
1,1-Dichloroethane	19,000		11U
1,1-Dichloroethylene	100,000		11U
1,1-Dichloropropene	--		11U
1,2,3-Trichlorobenzene	--		11U
1,2,3-Trichloropropane	--		11U
1,2,4,5-Tetramethylbenzene	--		11U
1,2,4-Trichlorobenzene	--		11U
1,2-Dichloroethane	2,300		11U
1,2-Dichloropropane	--		11U
1,3-Dichloropropane	--		11U
2,2-Dichloropropane	--		11U
2-chlorotoluene/4-chlorotoluene	--		11U
Acetone	100,000		95B
Benzene	2,900		11U
1,2,4-Trimethylbenzene	47,000		11U
1,3,5-Trimethylbenzene	47,000		11U
Isopropylbenzene	--		11U
Bromobenzene	--		11U
Bromodichloromethane	--		11U
Bromoform	--		11U
Carbon tetrachloride	1,400		11U
Chlorobenzene	100,000		11U
Chlorobromomethane	--		11U
Chlorodifluoromethane	--		11U
Chloroethane	--		11U
Chloroform	10,000		11U
cis-1,2-Dichloroethylene	59,000		11U
cis-1,3-Dichloropropene	--		11U
DBCP	--		11U
Dibromochloromethane	--		11U
Dichlorodifluoromethane	--		11U
EDB	--		11U
trans-1,2-Dichloroethylene	100,000		11U
Ethylbenzene	30,000		11U
Freon 113	--		11U
Hexachlorobutadiene	--		11U
m-Dichlorobenzene	17,000		11U
Methyl bromide	--		11U
Methyl chloride	--		11U

Table 21
Active Industrial Uniform Site
RCA Fill Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	RCA Fill 5/13/2010
Methyl ethyl ketone	100,000		12
Methyl isobutylketone (MIBK)	--		11U
Methylene bromide	--		11U
Methylene chloride	51,000		11U
Methyltert-butylether	62,000		11U
Naphthalene	100,000		11U
n-Butylbenzene	100,000		11U
n-Propylbenzene	100,000		11U
o-Dichlorobenzene	100,000		11U
o-Xylene	100,000		11U
p-Cymene	--		11U
p-Dichlorobenzene	9,800		11U
p-diethylbenzene	--		1J
p-Xylene	100,000		11U
sec-Butylbenzene	100,000		11U
Styrene	--		11U
tert-Butylbenzene	100,000		11U
Tetrachloroethylene	5,500		11U
Toluene	100,000		11U
trans-1,3-Dichloropropene	--		11U
Trichloroethylene	10,000		11U
Trichlorofluoromethane	--		11U
Vinyl chloride	210		11U
Xylene (total)	100,000		11U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
J: Estimated value
--: Standard not established

Table 22
Active Industrial Uniform Site
Global RCA Fill Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Global RCA 6/1/2010
1,1,1,2-Tetrachloroethane	--		11U
1,1,1-Trichloroethane	100,000		11U
1,1,2,2-Tetrachloroethane	--		11U
1,1,2-Trichloroethane	--		11U
1,1-Dichloroethane	19,000		11U
1,1-Dichloroethylene	100,000		11U
1,1-Dichloropropene	--		11U
1,2,3-Trichlorobenzene	--		11U
1,2,3-Trichloropropane	--		11U
1,2,4,5-Tetramethylbenzene	--		11U
1,2,4-Trichlorobenzene	--		11U
1,2-Dichloroethane	2,300		11U
1,2-Dichloropropane	--		11U
1,3-Dichloropropane	--		11U
2,2-Dichloropropane	--		11U
2-chlorotoluene/4-chlorotoluene	--		11U
Acetone	100,000		10BJ
Benzene	2,900		11U
1,2,4-Trimethylbenzene	47,000		11U
1,3,5-Trimethylbenzene	47,000		11U
Isopropylbenzene	--		11U
Bromobenzene	--		11U
Bromodichloromethane	--		11U
Bromoform	--		11U
Carbon tetrachloride	1,400		11U
Chlorobenzene	100,000		11U
Chlorobromomethane	--		11U
Chlorodifluoromethane	--		11U
Chloroethane	--		11U
Chloroform	10,000		11U
cis-1,2-Dichloroethylene	59,000		11U
cis-1,3-Dichloropropene	--		11U
DBCP	--		11U
Dibromochloromethane	--		11U
Dichlorodifluoromethane	--		11U
EDB	--		11U
trans-1,2-Dichloroethylene	100,000		11U
Ethylbenzene	30,000		11U
Freon 113	--		11U
Hexachlorobutadiene	--		11U
m-Dichlorobenzene	17,000		11U
Methyl bromide	--		11U
Methyl chloride	--		11U

Table 22
Active Industrial Uniform Site
Global RCA Fill Sample Results
Volatile Organic Compounds

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objectives	Sample ID / Date Collected	Global RCA 6/1/2010
Methyl ethyl ketone	100,000		11U
Methyl isobutylketone (MIBK)	--		11U
Methylene bromide	--		11U
Methylene chloride	51,000		6BJ
Methyltert-butylether	62,000		11U
Naphthalene	100,000		2J
n-Butylbenzene	100,000		11U
n-Propylbenzene	100,000		11U
o-Dichlorobenzene	100,000		11U
o-Xylene	100,000		11U
p-Cymene	--		11U
p-Dichlorobenzene	9,800		11U
p-diethylbenzene	--		11U
p-Xylene	100,000		11U
sec-Butylbenzene	100,000		11U
Styrene	--		11U
tert-Butylbenzene	100,000		11U
Tetrachloroethylene	5,500		11U
Toluene	100,000		11U
trans-1,3-Dichloropropene	--		11U
Trichloroethylene	10,000		11U
Trichlorofluoromethane	--		11U
Vinyl chloride	210		11U
Xylene (total)	100,000		11U

Notes:
All concentrations provided in micrograms per kilogram
U: Not detected
J: Estimated value
--: Standard not established

Table 23
Active Industrial Uniform Site
Lead

CONSTITUENT	NYSDEC Part 375 Residential Soil Cleanup Objective	Sample ID / Date Collected	Sea Container 6/28/2010
Lead	400		0.04

APPENDIX D

BORING LOGS

225 Atlantic Avenue
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Installation Date 5/27/10

DRILLING LOG - Temporary Borehole Installation

DRILLING DETAILS

PROJECT/SITE NAME	DEC-LINDENHURST63
SITE ADDRESS	63 W Merrick Rd Lindenhurst, NY
NYSDEC SITE ID	152125
BORING I.D.	B-1
DRILLING METHOD	Direct Push
DRILLING COMPANY	Clearwater Drilling, Inc.
HEAD DRILLER	B. Vigliotta
LOGGED BY	S. Goetz
BOREHOLE DIAMETER	2"
SAMPLE METHOD	Macro Core/Large Bore
DEPTH-TO-WATER	7.84'
TOTAL BORING DEPTH	18'

WELL CONSTRUCTION

CASING
Type NA Diameter NA Length NA

SCREEN
Type NA Diameter NA Slot NA Length NA

GRAVEL PACK NA
SECURITY NA
FINISH NA
COMMENTS B-1 is 34.33' NNW of S fence line, 90.33' WSW of E fence line, and 99.25' SE of NW corner of property. Soil collected at 10'-12' DBG submitted for laboratory analysis. Groundwater collected at 7'-9' DBG submitted for laboratory analysis.

Soil Lithology/Field Observations

Depth Below Grade (DBG)	Description/Classification	Sample Type	Screening Interval	PID Reading	Percent Recovery
0'-4'	0.25'- Light brown fine sand, some medium sand, dry, no odor.	Macro Core	0'-4'	0.0 ppm	56.3
	1.33'- Tan fine and medium sand, trace coarse sand, trace fine gravel, moist, no odor. Brown 1/4" laminae of fine and medium sand with little silt (no odor) noted at 1.16' and 0.75' from deep end of interval.				
	0.67'- Brown fine and medium sand, little silt, trace coarse sand, trace fine gravel, moist, no odor. Light brown 1/4" lamination of same lithology (no odor) noted at 0.50' from deep end of interval.				
4'-8'	0.33'- Brown silty fine and medium sand, little coarse sand, trace fine gravel, moist, no odor.	Macro Core	4'-6'	0.9 ppm	83.0
			6'-8'	0.5 ppm	
	0.33'- Tan fine and medium sand, trace coarse sand, moist, no odor.				
	0.08'- Brown silty fine and medium sand, little coarse sand, moist, no odor.				
	0.33'- Orange/brown clay, some fine sand, little medium sand, moist, no odor.				
	0.08'- Orange/brown silty fine sand, little medium sand, moist, no odor.				
	0.42'- Tan fine and medium sand, little coarse sand, moist, no odor.				
	0.25'- Orange fine and medium sand, some coarse sand, moist, no odor.				
	1.25'- Tan/orange fine sand, little medium sand, trace coarse sand, moist, no odor.				
	0.25'- Orange fine and medium sand, little coarse sand, moist, no odor.				
8'-12'	0.25'- Light brown fine and medium sand, trace coarse sand, trace fine gravel, moist, no odor.	Macro Core	8'-10'	0.5 ppm	93.5
			10'-12'	0.8 ppm	
	0.33'- Dark tan fine and medium sand, little coarse sand, moist, no odor.				
	1.33'- Tan fine and medium sand, some coarse sand, trace fine gravel, moist, no odor.				
	0.75'- Tan fine sand, trace coarse sand, moist, no odor. Dark brown 1/8" lamination of fine sand (no odor) noted 1.1' from deep end of sample.				
	0.50'- Tan/light gray fine sand, moist, no odor.				
	0.58'- Tan/light gray fine, medium, and coarse sand, little fine gravel, moist, no odor.				

"Trace", 1 - 10% "Some", 20 - 30%
"Little", 10 - 20% "And", 30 - 50%

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DRILLING LOG - Temporary Borehole Installation

Boring I.D. B-1

Depth Below Grade	Soil Lithology/Field Observations				
	Description/Classification	Sample Type	Screening Interval	PID Reading	Percent Recovery
12'-14'	0.16'- Tan/gray fine and medium sand, little coarse sand, little fine gravel, wet, moderate odor.	Large Bore	12'-14'	1.3 ppm	41.5
	0.42'- Light gray fine, medium, and coarse sand, little fine gravel, wet, moderate odor.				
	0.25'- Gray fine sand, trace coarse sand, wet, moderate odor.				
14'-16'	0.42'- Gray fine and medium sand, little coarse sand, wet, slight odor.	Large Bore	14'-16'	1.1 ppm	50.0
	0.58'- Tan fine and medium and coarse sand and fine gravel, wet, slight odor.				
16'-18'	1.00'- Tan fine, medium, and coarse sand, some fine gravel, trace coarse gravel, wet, no odor.	Large Bore	16'-18'	0.7 ppm	50.0

"Trace", 1 - 10% "Some", 20 - 30%
"Little", 10 - 20% "And", 30 - 50%

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Installation Date 5/27/10
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DRILLING LOG - Temporary Borehole Installation

DRILLING DETAILS

PROJECT/SITE NAME	DEC-LINDENHURST63
SITE ADDRESS	63 W Merrick Rd Lindenhurst, NY
NYSDEC SITE ID	152125
BORING I.D.	B-2
DRILLING METHOD	Direct Push
DRILLING COMPANY	Clearwater Drilling, Inc.
HEAD DRILLER	B. Vigliotta
LOGGED BY	S. Goetz
BOREHOLE DIAMETER	2"
SAMPLE METHOD	Macro Core/Large Bore
DEPTH-TO-WATER	~8'
TOTAL BORING DEPTH	18'

WELL CONSTRUCTION

CASING
Type NA Diameter NA Length NA

SCREEN
Type NA Diameter NA Slot NA Length NA

GRAVEL PACK NA
SECURITY NA
FINISH NA
COMMENTS B-2 is 38.66' NNW of N remedial building wall, 58.08' WSW of E fence line, and 99.25' ENE of N section of W fence. Soil collected at 12'-14' DBG submitted for laboratory analysis. Groundwater collected at 7.5'-9.5' DBG submitted for laboratory analysis.

Soil Lithology/Field Observations

Depth Below Grade (DBG)	Description/Classification	Sample Type	Screening Interval	PID Reading	Percent Recovery
0'-4'	Light brown fine sand, little medium sand, trace coarse sand, trace fine gravel, moist, no odor.	Post Hole	0'-4'	0.8 ppm	-
4'-8'	1.50'- Tan fine and medium sand, some coarse sand, moist, no odor.	Macro Core	4'-8'	1.5 ppm	37.5
8'-12'	1.33'- Tan fine and medium sand, some coarse sand, moist, no odor.	Macro Core	8'-10'	1.4 ppm	58.3
	0.67'- Brown clayey fine and medium sand, little coarse sand, wet, strong odor.		10'-12'	5.2 ppm	
	0.08'- Black clayey fine and medium sand, little coarse sand, wet, strong odor.				
	0.25'- Brown/gray fine and medium sand, little coarse sand, wet, strong odor.				
12'-14'	0.42'- Black fine and medium sand, little coarse sand, wet, strong odor.	Large Bore	12'-14'	21.5 ppm	33.5
	0.25'- Gray fine, medium, and coarse sand, wet, moderate odor.				
14'-16'	0.16'- Tan fine sand, little medium sand, wet, no odor.	Large Bore	14'-16'	2.0 ppm	50.0
	0.84'- Tan fine, medium, and coarse sand, some fine gravel, trace coarse gravel, wet, no odor.				
16'-18'	0.50'- Tan fine and medium and coarse sand and fine gravel, wet, no odor.	Large Bore	16'-18'	0.8 ppm	25.0

"Trace", 1 - 10% "Some", 20 - 30%
"Little", 10 - 20% "And", 30 - 50%

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Installation Date 5/27/10
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DRILLING LOG - Temporary Borehole Installation

DRILLING DETAILS

PROJECT/SITE NAME	DEC-LINDENHURST63
SITE ADDRESS	63 W Merrick Rd Lindenhurst, NY
NYSDEC SITE ID	152125
BORING I.D.	B-3
DRILLING METHOD	Direct Push
DRILLING COMPANY	Clearwater Drilling, Inc.
HEAD DRILLER	B. Vigliotta
LOGGED BY	S. Goetz
BOREHOLE DIAMETER	2"
SAMPLE METHOD	Macro Core/Large Bore
DEPTH-TO-WATER	9.80'
TOTAL BORING DEPTH	14'

WELL CONSTRUCTION

CASING
Type NA Diameter NA Length NA

SCREEN
Type NA Diameter NA Slot NA Length NA

GRAVEL PACK NA
SECURITY NA
FINISH NA
COMMENTS B-3 is 8.66' W of SW corner of sea container, 6.92' SW of NW corner of sea container, and 31.00' NW S fence line. Soil collected at 0'-2' and 4'-6' DBG submitted for laboratory analysis. Groundwater collected at 9'-11' DBG submitted for laboratory analysis.

Soil Lithology/Field Observations

Depth Below Grade (DBG)	Description/Classification	Sample Type	Screening Interval	PID Reading	Percent Recovery
0'-4'	Dark brown clayey fine sand, trace medium sand, trace organic material (wood and roots), moist, moderate odor.	Post Hole	0'-2' 2'-4'	2,452 ppm 2,146 ppm	-
4'-8'	0.67'- Tan fine and medium sand, some coarse sand, little fine gravel, dry, no odor. 1.00'- Tan fine and medium sand, little coarse sand, moist, no odor. 0.84'- Light brown/orange fine and medium sand, little coarse sand, moist, slight odor. 0.42'- Tan/orange fine and medium sand, little coarse sand, moist, no odor. 0.58'- Tan fine and medium sand, little coarse sand, trace fine gravel, moist, no odor.	Macro Core	4'-6' 6'-8'	285 ppm 0.0 ppm	87.8
8'-12'	0.92'- Light brown/orange fine and medium sand, little coarse sand, trace fine gravel, moist, slight odor. 0.08'- Light brown fine, medium, and coarse sand, moist, moderate odor. Dark brown 1/4" lamination of silty fine sand (moderate odor) noted 1.08' from shallow end of sample. 0.42'- Tan fine, medium, and coarse sand, little fine gravel, moist, no odor. 0.42'- Light brown fine, medium, and coarse sand, little fine gravel, moist, no odor. 0.67'- Light brown fine sand, some medium sand, trace coarse sand, wet, no odor. 1.00'- Light brown fine sand, little fine micaceous sand, little medium sand, moist, no odor.	Macro Core	8'-10' 10'-12'	37.9 ppm 0.0 ppm	87.8
12'-14'	0.75'- Light brown fine, medium, and coarse sand, some fine gravel, wet, no odor.	Large Bore	12'-14'	0.0 ppm	37.5

"Trace", 1 - 10% "Some", 20 - 30%
"Little", 10 - 20% "And", 30 - 50%

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Email Info@Enviro-Assmt.com
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Installation Date 5/27/10
Page 1 of 1

DRILLING LOG - Temporary Borehole Installation

DRILLING DETAILS

PROJECT/SITE NAME	DEC-LINDENHURST63
SITE ADDRESS	63 W Merrick Rd Lindenhurst, NY
NYSDEC SITE ID	152125
BORING I.D.	B-4
DRILLING METHOD	Direct Push
DRILLING COMPANY	Clearwater Drilling, Inc.
HEAD DRILLER	B. Vigliotta
LOGGED BY	S. Goetz
BOREHOLE DIAMETER	2"
SAMPLE METHOD	Macro Core/Large Bore
DEPTH-TO-WATER	~10'
TOTAL BORING DEPTH	14'

WELL CONSTRUCTION

CASING
Type NA Diameter NA Length NA

SCREEN
Type NA Diameter NA Slot NA Length NA

GRAVEL PACK NA
SECURITY NA
FINISH NA
COMMENTS B-4 is 42.66' NNW of S fence line, 4.58' SW of N fence line, and 8.66' NW of NW corner of sea container. Soil collected at 2'-4' DBG submitted for laboratory analysis. Groundwater collected at 10'-12' DBG submitted for laboratory analysis.

Soil Lithology/Field Observations

Depth Below Grade (DBG)	Description/Classification	Sample Type	Screening Interval	PID Reading	Percent Recovery
0'-4'	Dark brown silt and fine sand, little medium sand, trace coarse sand, dry, no odor.	Post Hole	0'-2'	0.0 ppm	-
			2'-4'	2.5 ppm	
4'-8'	0.75'- Dark brown silt and fine sand, little medium sand, trace coarse sand, dry, no odor.	Macro Core	4'-6'	0.0 ppm	100
			6'-8'	0.0 ppm	
	1.00'- Brown clayey fine sand, little medium sand, trace coarse sand, trace fine gravel, moist, no odor.				
	1.00'- Tan fine and medium sand, some coarse sand, trace fine gravel, moist, no odor.				
	0.50'- Tan fine sand, moist, no odor.				
	0.25'- Tan/orange fine and medium sand, some coarse sand, moist, no odor.				
	0.50'- Tan/orange fine and medium sand, some coarse sand, little fine gravel, moist, no odor.				
8'-12'	1.00'- Tan/orange fine and medium sand, little coarse sand, dry, no odor.	Macro Core	8'-10'	0.0 ppm	100
	0.25'- Dark brown silt and fine sand, some medium sand, trace coarse sand, moist, no odor.		10'-12'	0.0 ppm	
	0.25'- Tan/orange fine, medium, and coarse sand, moist, no odor.				
	0.75'- Tan fine and medium sand, little coarse sand, moist, no odor.				
	0.75'- Light brown fine and medium sand, little coarse sand, moist, no odor.				
	1.00'- Light brown fine sand, some medium sand, some medium sand, moist, no odor.				
12'-14'	0.50'- Tan fine sand, some medium sand, wet, no odor.	Large Bore	12'-14'	0.0 ppm	50
	0.50'- Tan fine sand, some medium sand, some coarse sand, some coarse sand, little fine gravel, wet, no odor.				

"Trace", 1 - 10% "Some", 20 - 30%
"Little", 10 - 20% "And", 30 - 50%

APPENDIX E

DATA VALIDATION ANALYTICAL CHECKLISTS

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	April 12, 2010
Matrix/Number of Samples:	Soil/ 1 (Concrete Composite) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	220-12204 Date:5/19/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X	X		
B. Trip blanks					X
3. Laboratory Control Sample (LCS) %R		X		X	
4. Surrogate spike recoveries		X	X		
5. Field duplicates RPD					X

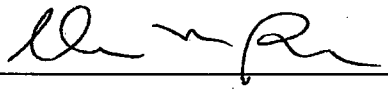
VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:

Performance was acceptable with the following exceptions:

2A. Methylene chloride and acetone were detected in the method blank and in Concrete Composite at concentration below the reporting limit. Methylene chloride and acetone were qualified as non-detect (U) in Concrete Composite.

4. Dibromofluoromethane %R was below the QC limits in the surrogate for Concrete Composite. Concrete Composite was reanalyzed which confirmed matrix interference and therefore did not impact the usability of the sample.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	April 14, 2010
Matrix/Number of Samples:	Soil/ 2 (Tank 1 and 2 Contents) Trip Blank/ 0
Analyzing Laboratory:	H2M Labs, Inc, New York
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B Diesel Range Organics (DRO): USEPA SW 846 method 8015 TAL Metals:by USEPA SW 846 method 6010B and mercury by USEPA SW 846 method 7471
Laboratory Report No:	DECO2922 Date:4/26/2010

ORGANIC ANALYSES
VOCS &DRO

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Method blanks		X	X		
2B. Laboratory Control Sample (LCS) %R		X	X		
2C. Surrogate spike recoveries		X		X	
2D. Calibrations		X		X	
3. Trip blanks					X
4. Field blanks					X
5. Field duplicates RPD					X

VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:

Performance was acceptable with the following exception:

2A. Methylene chloride was detected in the method blank and in Tank 1 Contents and Tank 2 Contents at concentration below the reporting limit. Methylene chloride was qualified as non-detect (U) in Tank 1 Contents and Tank 2 Contents due to method blank results.

2B. 2,2-Dichlorpropane and 1,3,5-trimethylbenzene/p-ethyltoluene %R were outside the QC limits in the LCS. They were not detected in the associated samples and therefore did not impact the usability of the samples.

INORGANIC ANALYSES
METALS

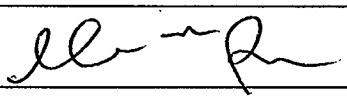
	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Blanks		X		X	
2B. Laboratory control sample %R		X		X	
2C. Spike %R		X	X		
2D. Duplicate RPD		X	X		
3. Field duplicates RPD					X

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable with the following exceptions:

2C. Antimony and mercury %R were outside QC limits in the spike sample. Antimony was qualified as estimated (J) and mercury was qualified as estimated (UJ) in Tank 1 Contents due to spike results.

2D. Nickel RPD was above QC limits in the duplicate sample. Nickel was qualified as estimated (J) in Tank 1 Contents due to duplicate results.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	April 14, 2010
Matrix/Number of Samples:	Soil/ 1 (Tank 1 Contents)
Analyzing Laboratory:	H2M Labs, Inc, New York
Analyses:	TCLP Metals:by USEPA SW 846 method 6010B and mercury by USEPA SW 846 method 7470
Laboratory Report No:	DECO2924 Date:4/28/2010

INORGANIC ANALYSES
METALS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Blanks		X		X	
2B. Laboratory control sample %R		X		X	
2C. Spike %R		X		X	
2D. Duplicate RPD		X		X	
3. Field duplicates RPD					X

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	April 30, 2010
Matrix/Number of Samples:	Soil/ 6 (Tank 2 sidewall and bottom samples) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260
Laboratory Report No:	220-12138 Date:5/17/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X	X		
B. Trip blanks					X
3. Laboratory Control Sample (LCS) %R		X	X		
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

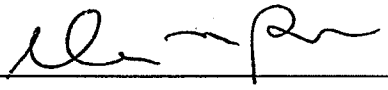
VOCs - volatile organic compounds
%D - percent difference
RRF - relative response factor
%R - percent recovery
%RSD - percent relative standard deviation
RPD - relative percent difference

Comments:

Performance was acceptable with the following exceptions:

2A. Methylene chloride, acetone and toluene were detected in the method blank and in samples at concentration below the reporting limit. Methylene chloride and acetone were qualified as non-detect (U) in Tank 2 Sidewall West, Tank 2 Bottom West, Tank 2 Sidewall North, Tank 2 Bottom East and Tank 2 Sidewall East. Toluene was qualified as non-detect (U) in Tank 2 Sidewall West. Methylene chloride was qualified as non-detect (U) in Tank 2 Sidewall South.

3. Acetone and n-butylbenzene %Rs were outside the QC limits in the LCS. They were not detected in the associated samples and therefore did not impact the usability of the samples.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 4, 2010
Matrix/Number of Samples:	Soil/ 8 (Tank 2 Concrete Composite, Sidewall and Bottom Samples) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT and Edison, NJ (for GRO only)
Analyses:	TCLP Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B Gasoline Range Organic (DRO) and Diesel Range Organic (DRO): USEPA SW 846 method 8015B TCLP Metals:by USEPA SW 846 method 6010B and mercury by USEPA SW 846 method 7470A
Laboratory Report No:	220-12137 Date:5/20/2010

ORGANIC ANALYSES
TCLP VOCS and GRO and DRO

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks					X
C. Field blanks					X
3. Laboratory Control Sample (LCS) %R		X		X	
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable.

INORGANIC ANALYSES
TCLP METALS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Field blanks					X
3 Laboratory control sample %R		X		X	
4. Matrix Spike sample %R		X		X	
5. Duplicate %RPD		X		X	
6. Field duplicates RPD					X

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 4, 2010
Matrix/Number of Samples:	Soil/ 1 (Tank 1 Sidewall South) Trip Blank/ 0
Analyzing Laboratory:	H2M Labs, Inc, New York
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B Diesel Range Organics (DRO): USEPA SW 846 method 8015 TAL Metals:by USEPA SW 846 method 6010B and mercury by USEPA SW 846 method 7471
Laboratory Report No:	DECO2931 Date:5/12/2010

ORGANIC ANALYSES
VOCS &DRO

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Method blanks		X		X	
2B. Laboratory Control Sample (LCS) %R		X	X		
2C. Surrogate spike recoveries		X		X	
2D. Calibrations		X		X	
3. Trip blanks					X
4. Field blanks					X
5. Field duplicates RPD					X

VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:

Performance was acceptable with the following exception:

2B. Seven compounds %Rs were below the QC limits in the LCS. The compound names were not provided and therefore qualification of the data could not be conducted.

INORGANIC ANALYSES
METALS

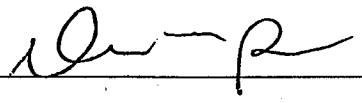
	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Blanks		X		X	
2B. Laboratory control sample %R		X		X	
2C. Spike %R		X	X		
2D. Duplicate RPD		X	X		
3. Field duplicates RPD					X

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable with the following exceptions:

2C. Antimony, copper, selenium and zinc %R were outside QC limits in the spike sample. The above metals were qualified as estimated (J) in Tank 1 Sidewall South due to spike results.

2D. Copper, lead and zinc RPDs were above QC limits in the duplicate sample. The above metals were qualified as estimated (J) in Tank 1 Sidewall South due to duplicate sample results.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

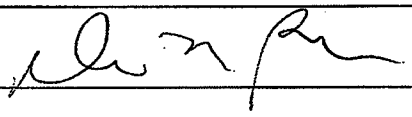
Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 4, 2010
Matrix/Number of Samples:	Soil/ 1 (Tank 1 Sidewall South)
Analyzing Laboratory:	H2M Labs, Inc, New York
Analyses:	TCLP Metals:by USEPA SW 846 method 6010B and mercury by USEPA SW 846 method 7470
Laboratory Report No:	DECO2932 Date:5/12/2010

INORGANIC ANALYSES
METALS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Blanks		X		X	
2B. Laboratory control sample %R		X		X	
2C. Spike %R		X		X	
2D. Duplicate RPD		X		X	
3. Field duplicates RPD					X

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 5, 2010
Matrix/Number of Samples:	Soil/ 1 (Tank 1 Sidewall South EP) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT and Edison, NJ (for GRO only)
Analyses:	TCLP Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B Gasoline Range Organic (DRO) and Diesel Range Organic (DRO): USEPA SW 846 method 8015B TCLP Metals:by USEPA SW 846 method 6010B and mercury by USEPA SW 846 method 7470A
Laboratory Report No:	220-12164 Date:5/20/2010

ORGANIC ANALYSES
TCLP VOCS and GRO and DRO

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks					X
C. Field blanks					X
3. Laboratory Control Sample (LCS) %R		X		X	
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

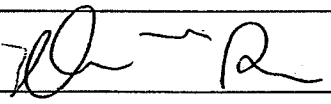
Comments:
Performance was acceptable.

INORGANIC ANALYSES
TCLP METALS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Field blanks					X
3 Laboratory control sample %R		X		X	
4. Matrix Spike sample %R		X		X	
5. Duplicate %RPD		X		X	
6. Field duplicates RPD					X

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 7, 2010
Matrix/Number of Samples:	Soil/ 1 (Floor Drain) Trip Blank/ 0
Analyzing Laboratory:	H2M Labs, Inc, New York
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	DECO2933 Date:5/21/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Method blanks		X		X	
2B. Laboratory Control Sample (LCS) %R		X	X		
2C. Surrogate spike recoveries		X		X	
2D. Calibrations		X		X	
3. Trip blanks					X
4. Field blanks					X
5. Field duplicates RPD					X

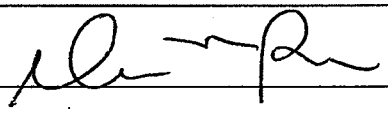
VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:

Performance was acceptable with the following exception:

Sample Floor Drain was initially run with five compounds exceeding the calibration range. The sample was reanalyzed at a secondary dilution, however, three compounds were not detected in the secondary dilution. The following compounds are to be reported from the initial run with the qualifiers estimated (J) and exceed calibration (E) in Floor Drain: dibromochloromethane at 1,100,000 JE; 1,2,4-trimethylbenznene at 170,000 JE; and naphthalene at 110,000 JE ug/kg.

2B. Numerous compounds %Rs were outside the QC limits in the LCS. The compound names were not provided and therefore qualification of the data could not be conducted.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

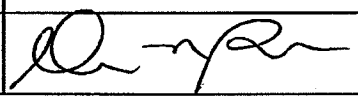
Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 10, 2010
Matrix/Number of Samples:	Soil/ 1 (Trap 1) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	220-12203 Date:5/25/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks					X
3. Laboratory Control Sample (LCS) %R		X		X	
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

VOCs - volatile organic compounds
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:
Performance was acceptable.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

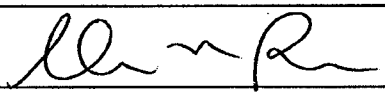
Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 11, 2010
Matrix/Number of Samples:	Soil/ 1 (Trap 2) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	220-12205 Date:5/25/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks					X
3. Laboratory Control Sample (LCS) %R		X		X	
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

VOCs - volatile organic compounds
%D - percent difference
RRF - relative response factor
%R - percent recovery
%RSD - percent relative standard deviation
RPD - relative percent difference

Comments:
Performance was acceptable.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 13, 2010
Matrix/Number of Samples:	Soil/ 1 (RCA Fill) Trip Blank/ 0
Analyzing Laboratory:	H2M Labs, Inc, New York
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	DECO2937 Date:5/24/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Method blanks		X	X		
2B. Laboratory Control Sample (LCS) %R		X	X		
2C. Surrogate spike recoveries		X		X	
2D. Calibrations		X		X	
3. Trip blanks					X
4. Field blanks					X
5. Field duplicates RPD					X

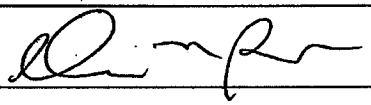
VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:

Performance was acceptable with the following exceptions:

2A. Methylene chloride and acetone were detected in the method blank and in RCA Fill. Methylene chloride was detected at less than 10 times concentration and was qualified as non-detect (U) in RCA Fill.

2B. Eleven compounds %Rs were outside the QC limits in the LCS. The compound names were not provided and therefore qualification of the data could not be conducted.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 14, 2010
Matrix/Number of Samples:	Soil/ 2 (Soil Sample4) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	220-12233 Date:6/03/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X	X		
B. Trip blanks					X
3. Laboratory Control Sample (LCS) %R		X	X		
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

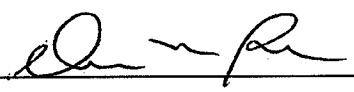
VOCs - volatile organic compounds
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:

Performance was acceptable with the following exceptions:

2A. Methylene chloride and acetone were detected in the method blank and in samples at concentration below the reporting limit. Methylene chloride was qualified as non-detect (U) in Soil Sample 4@3' and Soil Sample 4@6'. Acetone was qualified as non-detect (U) in Soil Sample 4@6'.

3. Carbon tetrachloride %R was outside the QC limits in the LCS. It was not detected in the associated sample and therefore did not impact the usability of the samples.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 7/6/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 17, 2010
Matrix/Number of Samples:	Soil/ 1 (Ranco Sand) Trip Blank/ 0
Analyzing Laboratory:	H2M Labs, Inc, New York
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	DECO2942 Date:5/25/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Method blanks		X	X		
2B. Laboratory Control Sample (LCS) %R		X	X		
2C. Surrogate spike recoveries		X		X	
2D. Calibrations		X		X	
3. Trip blanks					X
4. Field blanks					X
5. Field duplicates RPD					X

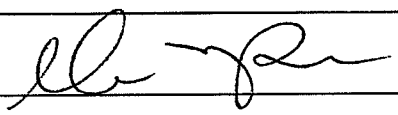
VOCs - volatile organic compounds
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:

Performance was acceptable with the following exceptions:

2A. Methylene chloride was detected in the method blank and Ranco Sand at concentration below the reporting limit. Methylene chloride was qualified as non-detect (U) in Ranco Sand.

2B. Twelve compounds %Rs were outside the QC limits in the LCS. The compound names were not provided and therefore qualification of the data could not be conducted.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 18, 2010
Matrix/Number of Samples:	Soil/ 3 (Valves @3', 6'and 9') Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	220-12234 Date:5/24/2010

ORGANIC ANALYSES
VOCS

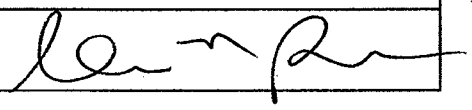
	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X	X		
B. Trip blanks					X
3. Laboratory Control Sample (LCS) %R		X		X	
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:

Performance was acceptable with the following exception:

2A. Methylene chloride and acetone were detected in the method blank and in Valves @3', 6'and 9'at concentration below the reporting limit. Methylene chloride and acetone were qualified as non-detect (U) in Valves @3', 6'and 9'.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 19, 2010
Matrix/Number of Samples:	Soil/ 3 (Trap1) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	220-12265 Date:6/02/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X	X		
B. Trip blanks					X
3. Laboratory Control Sample (LCS) %R		X	X		
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

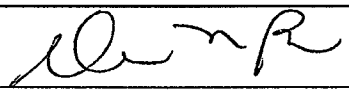
VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:

Performance was acceptable with the following exceptions:

2A. Methylene chloride and acetone were detected in the method blank and in samples at concentration below the reporting limit. Methylene chloride was qualified as non-detect (U) in TRAP1@3', TRAP1@6'and TRAP1@9'. Acetone was qualified as non-detect (U) in TRAP1@6'and TRAP1@9'.

3. Carbon tetrachloride %R was outside the QC limits in the LCS. It was not detected in the associated samples and therefore did not impact the usability of the samples.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 7/6/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 20, 2010
Matrix/Number of Samples:	Soil/ 4 (Soil Sample 9) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	220-12266 Date:6/02/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X	X		
B. Trip blanks					X
3. Laboratory Control Sample (LCS) %R		X	X		
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

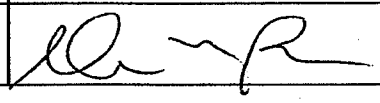
VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:

Performance was acceptable with the following exceptions:

2A. Methylene chloride and acetone were detected in the method blank and in samples at concentration below the reporting limit. Methylene chloride was qualified as non-detect (U) in Soil Sample 9@3.5', Soil Sample 9@6', Soil Sample 9@9' and FOUNDATION. Acetone was qualified as non-detect (U) in Soil Sample 9@9' and FOUNDATION.

3. Carbon tetrachloride %R was outside the QC limits in the LCS. It was not detected in the associated samples and therefore did not impact the usability of the samples.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 7/6/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 21, 2010
Matrix/Number of Samples:	Soil/ 1 (Soil Stockpile Composite) Trip Blank/ 0
Analyzing Laboratory:	H2M Labs, Inc, New York
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B PCBs: USEPA SW 846 method 8082 TCLP Metals: USEPA SW 846 method 6010B and mercury by USEPA SW 846 method 7470 Wet Chemistry: Reactive Cyanide by USEPA SW 846 7.3.3.2; Corrosivity by USEPA SW 846 9045; and Reactive Sulfide by USEPA SW 846 7.3.3.2
Laboratory Report No:	DECO2945 Date:6/01/2010

ORGANIC ANALYSES
VOCS &PCBs

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Method blanks		X	X		
2B. Laboratory Control Sample (LCS) %R		X	X		
2C. Surrogate spike recoveries		X		X	
2D. Calibrations		X		X	
3. Trip blanks					X
4. Field blanks					X
5. Field duplicates RPD					X

VOCs - volatile organic compounds
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:

Performance was acceptable with the following exceptions:

2A. Methylene chloride was detected in the method blank and Soil Stockpile Composite at concentration below the reporting limit. Methylene chloride was qualified as non-detect (U) in Soil Stockpile Composite.

2B. Fifteen compounds %Rs were below the QC limits in the LCS. The compound names were not provided and therefore qualification of the data could not be conducted.

INORGANIC ANALYSES
TCLP METALS and Wet Chemistry

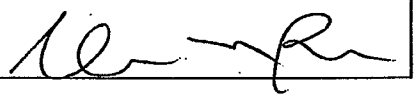
	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Blanks		X		X	
2B. Laboratory control sample %R		X		X	
2C. Spike %R		X	X		
2D. Duplicate RPD		X		X	
2E. Serial Dilution %D		X	X		
3. Field duplicates RPD					X

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable with the following exceptions:

2C. Silver %R was outside QC limits in the spike sample. Silver was qualified as estimated (J) in Soil Stockpile Composite due to spike results.

2E. Barium %D was above QC limits in the duplicate sample. Barium was qualified as estimated (J) in Soil Stockpile Composite due to spike results.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 24, 2010
Matrix/Number of Samples:	Soil/ 2 (Soil Sample 10) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	220-12287 Date:6/11/2010

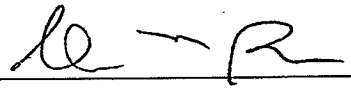
ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X	X		
B. Trip blanks					X
3. Laboratory Control Sample (LCS) %R					X
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

VOCs - volatile organic compounds
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:
Performance was acceptable with the following exceptions:

2A. Methylene chloride and acetone were detected in the method blank and in samples at concentration below the reporting limit. Methylene chloride and acetone were qualified as non-detect (U) in Soil Sample 10@6'.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 12/20/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	June 1, 2010
Matrix/Number of Samples:	Soil/ 1 (Global RCA) Trip Blank/ 0
Analyzing Laboratory:	H2M Labs, Inc, New York
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	DECO2947 Date:6/09/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Method blanks		X	X		
2B. Laboratory Control Sample (LCS) %R		X	X		
2C. Surrogate spike recoveries		X		X	
2D. Calibrations		X		X	
3. Trip blanks					X
4. Field blanks					X
5. Field duplicates RPD					X

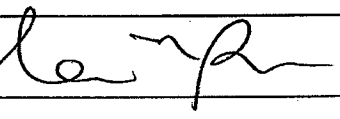
VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:

Performance was acceptable with the following exceptions:

2A. Methylene chloride and acetone were detected in the method blank and Global RCA at concentration below the reporting limit. They were qualified as non-detect (U) in Global RCA.

2B. Six compounds %Rs were below the QC limits in the LCS. The compound names were not provided, however they were not detected in the samples and therefore qualification of the data was not necessary.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 12/20/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

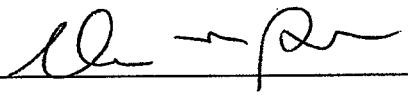
Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	April 13, 2010
Matrix/Number of Samples:	Water/ 1 (Tank 2 Liquid) Trip Blank/ 0
Analyzing Laboratory:	H2M Labs, Inc
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	DECO2912 Date:4/22/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Method blanks		X		X	
2B. Laboratory Control Sample (LCS) %R		X		X	
2C. Surrogate spike recoveries		X		X	
2D. Calibrations		X		X	
3. Trip blanks					X
4. Field blanks					X
5. Field duplicates RPD					X

VOCs - volatile organic compounds
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:
Performance was acceptable.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 11, 2010
Matrix/Number of Samples:	Water/ 1 (Pipe Contents Liquid) Trip Blank/ 0
Analyzing Laboratory:	H2M Labs, Inc
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	DECO2936 Date:5/24/2010

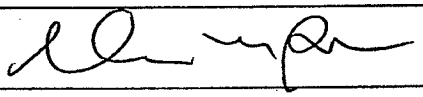
ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Based on Narrative Review and Qualifiers					
2A. Method blanks		X		X	
2B. Laboratory Control Sample (LCS) %R		X	X		
2C. Surrogate spike recoveries		X		X	
2D. Calibrations		X		X	
3. Trip blanks					X
4. Field blanks					X
5. Field duplicates RPD					X

VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable with the following exception:

2B. Eight compounds %Rs were below the QC limits in the LCS. The compound names were not provided and therefore qualification of the data could not be conducted.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 13, 2010
Matrix/Number of Samples:	Soil/ 1 (Soil Sample 4) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	220-12235 Date:5/26/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X	X		
B. Trip blanks					X
3. Laboratory Control Sample (LCS) %R		X		X	
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

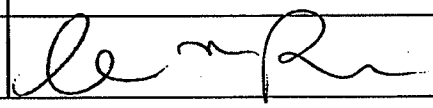
VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:

Performance was acceptable with the following exception:

2A. Methylene chloride was detected in the method blank and in Soil Sample 4 at concentration below the reporting limit. Methylene chloride was qualified as non-detect (U) in Soil Sample 4.

3. 1,2,3-Trichloropropane %R was outside the QC limits in the LCS. It was not detected in the associated sample and therefore did not impact the usability of the sample.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 25, 2010
Matrix/Number of Samples:	Water/ 1(SS-9 Water Table) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	220-12302 Date:6/7/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks					X
C. Field blanks					X
3. Laboratory Control Sample (LCS) %R					X
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 12/20/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 27, 2010
Matrix/Number of Samples:	Soil/ 5 (B-1 to B-4) Water / 4(B-1 to B-4)
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B
Laboratory Report No:	220-12327 Date:6/14/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X	X		
B. Trip blanks					X
3. Laboratory Control Sample (LCS) %R		X	X		
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

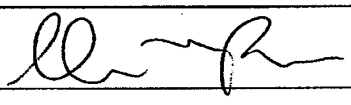
VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:

Performance was acceptable with the following exceptions:

2A. Methylene chloride, toluene and acetone were detected in the method blank and at concentration below the reporting limit. Methylene chloride was qualified as non-detect (U) in Soil B-1(10-12), B-3(4-6), B-2(12-14), B-3(0-2) and B-4(2-4). Toluene was qualified as non-detect (U) in Soil B-1(10-12), B-3(4-6) and B-4(2-4). Acetone was qualified as non-detect (U) in Soil B-1(10-12), B-3(4-6) and B-2(12-14).

3. The %Rs were outside QC limits in the LCS for bromomethane associated with soil samples and dichlorodifluoromethane, bromomethane, and trans-1,2-dichloroethene associated with water samples. They were not detected in the associated sample and therefore did not impact the usability of the sample.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 12/20/2010
VALIDATION PERFORMED BY SIGNATURE:	

ATTACHMENT E

SITE LOGS

ACTIVE INDUSTRIAL UNIFORM SITE, NYSDEC SITE NO. 1-52-125
SITE ACTIVITIES LOG

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SITE VISIT (CHECK BOX BELOW)			
PL	3/29/10 0900	1000		Monitoring		Maintenance
				Sampling		Other (Provide Description)
			X	Alarm Response		

Description: Reset RW2 m/s over-load @ 0915

Kevin Hough	4-7-2010 915	1315		Monitoring	X	Maintenance
				Sampling		Other (Provide Description)
				Alarm Response		

Description:
Installed new outlet PSI gauge on Tower #F Reading 49 @ 1247
Installed gauge on wall next to blower. Reading 8 @ 1250
Extended Sample port from mid Effluent.
Removed insulation from fan.

KS, KH + DT: 1045	0945 4/2/10	1500		Monitoring		Maintenance
				Sampling	X	Other (Provide Description)
				Alarm Response		

Description: Scope w/ Boroscope the effluent line for blockage. Had system off to continue investigation on effluent blockage.

ACTIVE INDUSTRIAL UNIFORM SITE, NYSDEC SITE NO. 1-52-125
SITE ACTIVITIES LOG

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SITE VISIT (CHECK BOX BELOW)			
KH, BC, SB, PM, DB	4-13-10 0930	1600	[ ]	Monitoring	[ ]	Maintenance
DT	4-13-10 1230	1600	[ ]	Sampling	X	Other (Provide Description)
			[ ]	Alarm Response		

Description:
Onsite to cut Eff best line to check for block. Hand dug over Eff line. Found 2 tanks. Tank 1 under asphalt, Tank 2 in soil. Talk with EAR Project Manager. Started to remove soil from tank 2. Collected water sample from tank 1 delivered to lab (CH2M).

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SITE VISIT (CHECK BOX BELOW)			
KH, BC, GW, DB, MK	4-14-10 0800	1500	[ ]	Monitoring	[ ]	Maintenance
			[ ]	Sampling	✓	Other (Provide Description)
			[ ]	Alarm Response		

Description:
Onsite to remove asphalt from tank 1, 2. Collect sample from inside.

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SITE VISIT (CHECK BOX BELOW)			
KH, BC, DB, MK, BCC	4-15-10 0800	1500	[ ]	Monitoring	[ ]	Maintenance
			[ ]	Sampling	✓	Other (Provide Description)
			[ ]	Alarm Response		

Description:
Restarted system @0928, Removed asphalt and soil from the top of tank #1

ACTIVE INDUSTRIAL UNIFORM SITE, NYSDEC SITE NO. 1-52-125
SITE ACTIVITIES LOG

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SITE VISIT (CHECK BOX BELOW)			
KH, PB, SG, RA	4-16-10 0800	1500		Monitoring		Maintenance
				Sampling	X	Other (Provide Description)
				Alarm Response		

Description:
Continued to remove asphalt and soil over tank and lines from the tanks

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SITE VISIT (CHECK BOX BELOW)			
KH, DT	4-21-10 1230	1400		Monitoring		Maintenance
				Sampling	X	Other (Provide Description)
				Alarm Response		

Description:
Meeting with N.Y.S.D.E.C and D&B to review ongoing track and system maintenance
Turn off RW-2 @ 1542 TOT 13233[illegible]40 Turn up RW-1 to 133 gpm tot 2366896[illegible]

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SITE VISIT (CHECK BOX BELOW)			
KH, DG	4-23-10 0900	1415		Monitoring		Maintenance
				Sampling	X	Other (Provide Description)
				Alarm Response		

Description:
load concrete and asphalt debris into dump truck and transport to disposal facility

ACTIVE INDUSTRIAL UNIFORM SITE, NYSDEC SITE NO. 1-52-125
SITE ACTIVITIES LOG

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SITE VISIT (CHECK BOX BELOW)			
KH DT	4-28-10 0830	1350		Monitoring		Maintenance
DT	4-28-10 1200	1315		Sampling	X	Other (Provide Description)
X-Ray Locating Servs	4-28-10 - 0900	1230		Alarm Response		

Description:
Provide oversight for X-Ray Locating Servces while conducting the GPR on the site property

KS, ES	4/29/10 0930	1215		Monitoring		Maintenance
KH	4-29-10 1100	1530	X	Sampling	X	Other (Provide Description)
				Alarm Response		

Description: monthly site ck + Sampling.
(KH) onsite for the delivery of the 2 roll off and the Excavator

KH MW DC, GK	5-3 0800	1530		Monitoring		Maintenance
↓ ↓ ↓ ↓	5-4 0815	1515		Sampling	X	Other (Provide Description)
↓ ↓ ↓ ↓	5-5 0800	1536		Alarm Response		

Description:
onsite to remove tanks

ACTIVE INDUSTRIAL UNIFORM SITE, NYSDEC SITE NO. 1-52-125
SITE ACTIVITIES LOG

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE		REASON FOR SITE VISIT (CHECK BOX BELOW)		
KH, PM, BC, SG	5-6-10 0815	1515		Monitoring		Maintenance
KH, PM	5-7-10 0750	1600 / 1500		Sampling	X	Other (Provide Description)
KS	5-7-10 1445	1545		Alarm Response		

Description:
Onsite to start the restoration of the area under the tanks.
Continue Restoration of the underground storage tanks excavation
KS Collected soil sample from old floor drain and delivered to lab, collected PID Reading

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE		REASON FOR SITE VISIT (CHECK BOX BELOW)		
KH, BC, PM, GV, MM	5-10-10 0800	1500		Monitoring		Maintenance
KH, BC, PM, GV, MM	5-11-10 0815	1530		Sampling	X	Other (Provide Description)
KH, BC, PM, GV, MM	5-12-10 0800	1515		Alarm Response		

Description:
Onsite to continue to Remove concrete to uncover floor drains
Loaded concrete and dumped loads, collected soil samples and delivered to the lab

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE		REASON FOR SITE VISIT (CHECK BOX BELOW)		
KH, BC, RA, MM, GV	5/13/10 [illegible]	KH 13:00 MM, BC, RA, GV 1530		Monitoring		Maintenance
DT	5/13/10 14:45	5/13/10 15:15		Sampling	X	Other (Provide Description)
KH, MM, BC, GV, RA	5-14-10 0800	1500		Alarm Response		

Description:
onsite to remove drain pipes & removed impacted soil north of MW-104.
onsite to remove concrete, [illegible] 15 yards [illegible]. Removed soil and [illegible] piles of north of [illegible].

ACTIVE INDUSTRIAL UNIFORM SITE, NYSDEC SITE NO. 1-52-125
SITE ACTIVITIES LOG

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SITE VISIT (CHECK BOX BELOW)			
KH, MW GW DC PM	5-17-10 / 0800	1545		Monitoring		Maintenance
MM, KH GW DC PM	5-18-10 / 0800	1405		Sampling	X	Other (Provide Description)
				Alarm Response		

Description: Onsite to remark soil screen with PID and stock pile onsite

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE				
MM	5/21/10 14:00	15:15		Monitoring		Maintenance
			X	Sampling	X	Other (Provide Description)
				Alarm Response		

Description: Provide F&N job w/ access to remove roll off. Sampled soil stockpiles.

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE				
KH, GW, RA, BC, MM	5-24-10 0800	1500		Monitoring		Maintenance
KH, BC, RA, MM, GW	5-25-10 0800	1135		Sampling	X	Other (Provide Description)
				Alarm Response		

Description:
Onsite to backfill with soil. Removed concrete on Southwest [illegible]
Onsite to backfill with soil. Remove soil and stockpiled, collect samples, found new dry well and pipes.

ACTIVE INDUSTRIAL UNIFORM SITE, NYSDEC SITE NO. 1-52-125
SITE ACTIVITIES LOG

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SITE VISIT (CHECK BOX BELOW)			
KS	5/27/10 0900	1430	X	Monitoring	X	Maintenance
KH, SG, DV, BV	5/27/10 0800	1530	X	Sampling	X	Other (Provide Description)
				Alarm Response		

Description: Property, site check + monthly Sampling. KH, SG, DV, BV, Investigation (Earth probing)

KH + RJP	6/1/10 0900	1100		Monitoring		Maintenance
				Sampling	X	Other (Provide Description)
				Alarm Response		

Description: Investigation of contents of Sea Container.

KS	6/2/10 1200	1203		Monitoring		Maintenance
				Sampling	X	Other (Provide Description)
				Alarm Response		

Description: Pick up log Book

ACTIVE INDUSTRIAL UNIFORM SITE, NYSDEC SITE NO. 1-52-125
SITE ACTIVITIES LOG

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SITE VISIT (CHECK BOX BELOW)			
KH	6-10-10 0900	1145		Monitoring		Maintenance
				Sampling	X	Other (Provide Description)
			X	Alarm Response		

Description: MET with Co. to pick up Excavator. UNKNOWN time of system shut off. High High IN AS#1 Total Flow RW1 245434208 Restart System.

KMK-PM	0845 ~~6~~ 6/15/10	1345		Monitoring		Maintenance
			X	Sampling		Other (Provide Description)
				Alarm Response		

Description: GWS

KMK-PM	6/16/10 0845	1345		Monitoring		Maintenance
			X	Sampling		Other (Provide Description)
				Alarm Response		

Description: GWS

ACTIVE INDUSTRIAL UNIFORM SITE, NYSDEC SITE NO. 1-52-125
SITE ACTIVITIES LOG

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SITE VISIT (CHECK BOX BELOW)			
KH, RBA, DV	6-21-10 0830	1430		Monitoring		Maintenance
				Sampling	X	Other (Provide Description)
				Alarm Response		

Description: Remove Sodium Hydroxide. Place in Drums - Left on Site.

KH, PL, RBA	6-22-10 0900	1500		Monitoring		Maintenance
				Sampling	X	Other (Provide Description)
				Alarm Response		

Description: Complete Removal of Contents of Sea Containe.

K H. GW, MF	6-23-10 0900	1500		Monitoring		Maintenance
				Sampling	X	Other (Provide Description)
				Alarm Response		

Description: Cut up to remove Sea Container, Deliver to Recyling Center.

ACTIVE INDUSTRIAL UNIFORM SITE, NYSDEC SITE NO. 1-52-125
SITE ACTIVITIES LOG

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SITE VISIT (CHECK BOX BELOW)			
KH, GW, PM	6-24-10 0900	1530		Monitoring		Maintenance
				Sampling	X	Other (Provide Description)
				Alarm Response		

Description: Continue (Day 2) cutting of Sea Container. Deliver metal to Recyling Center.

KS	6-24-10 0900	1530	X	Monitoring	X	Maintenance
			X	Sampling		Other (Provide Description)
				Alarm Response		

Description: Semi-Annual Sampling. Monthly site Check & property maintenance

KS	7-1-10 0800	0815		Monitoring		Maintenance
				Sampling	X	Other (Provide Description)
				Alarm Response		

Description: Pick up log Book.

ACTIVE INDUSTRIAL UNIFORM SITE, NYSDEC SITE No. 1-52-125
SYSTEM MONITORING LOG

DATE	3/25/10 KS	4/29/10 KS	5/27/10 KS	06/24/10 KS	
TIME	0930	0930	0900	0900	
RW-1					
Flow Rate (gpm)	79.42	138	128.63	124.45 gpm	
Total Flow (gal)	233373456 0934	237609744@0951	242917712@0946	247950560@0932	
Depth to Water (feet)		12.98	13.39	13.41	
Water Column Above Pump (feet)	—	—	—	—	
Pump Pressure (psi)	33 psi	19	18 psi	17.5 psi	
RW-2					
Flow Rate (gpm)	66.42	—	—	—	
Total Flow (gal)	129900792 0935	—	—	—	
Bicycle Pump Pressure Reading (psi) DTW –		—	—	—	
Water Column Above Pump (ft H_2O)(psi x 2.31)	—	—	—	—	
Pump Pressure (psi)	65 psi	15	15	15	
Air Stripping Tower (ST-1)					
Stripper Inlet (Combined Influent) Pressure (psi)	13 psi	13	13 psi	13 psi	
Transfer Pump (P-1) Outlet Pressure (psi)	22.2 psi	22.1	22 psi	22 psi	
Sump Level (inches)	20"	20"	20"	20"	
Discharge Speed (%)	52.3	48.5	48.7 %	47.0 %	
Air Stripping Tower (ST-2)					
Stripper Inlet Pressure (psi)	22.2 psi	22.1	22 psi	22 psi	
Transfer Pump (P-2) Outlet Pressure (psi)	45 psi	33	28 psi	25 psi	
Sump Level (inches)	22"	21	21"	21"	
Discharge Speed (%)	79.2	79.2	67.3 %	48.0 %	
Air Stripper Blower (B-1)					
Moisture Knockout Influent (ST-2 Effluent) Vacuum (inches H_2O)	2.5 inch H_2O	3 inch H_2O	2.5" H_2O	3" H_2O	
Blower Influent Vacuum (inches H_2O)	DOWN.	—	—	—	
Blower Effluent Pressure (inches H_2O)	9 / ON SITE DIALER	8	7.2	7.2" H_2O	
Blower Effluent Velocity (feet/minute)	3425 / 2998	3350	3132	3785	
Blower Effluent Temperature (°F)	68° / 70.08°	70.7 F	70°F	81.3° F	
Blower Effluent Flow Rate (ft^3/minute)		1225			
Treated Water Discharge					
Flow Rate (gpm)	161.73	144.2	133.74	127.43 gpm	
Total Flow (gal)	357216512@ 0937	364420768@	369933664@0947	375115264@ 0934	

ACTIVE INDUSTRIAL UNIFORM SITE, NYSDEC SITE No. 1-52-125
SYSTEM MONITORING LOG

DATE	3/25/10 KS	4/29/10 KS	5/27/10 KS	6/24/10 KS	
TIME	0930	0930	0900	0900	
Vapor Phase Carbon					
Lead vessel pressure (inchesH_2O)	8	7.5	6.5	7	
Lead vessel temperature (°F)	69°	70°	72°	89°	
Lag vessel pressure (inches H_2O)	4.5	3.5	3.5	3.5	
Lag vessel temperature (°F)	59°	65°	71°	80°	
Catridge Filter System					
Inlet Pressure (psi)					
Outlet Pressure (psi)					
Pressure Differential (psi)					
Process Sampling Performed					
(Monthly) Combined Influent (VOCs, TAL Inorganics, pH)	1007	1035	1039	1009	
(Monthly) ~~Combined~~ Effluent (VOCs)	1017	1042	1055	1025	
(Monthly) Influent Vapor (VOCs)	1105 & 1106	1142	1106	1123	
(Monthly) Mid-fluent Vapor (VOCs)	1112-1113	1133	1126	1147	
(Monthly) Effluent Vapor (VOCs)	1116-1117	1126	1136	1133	
(Quarterly) Influent RW-1 (VOCs, TAL Inorganics, pH)	1039			1038	
(Quarterly) Influent RW-2 (VOCs, TAL Inorganics, pH)	1052			----------	
(Quarterly) Mid-fluent (VOCs)	1026			1048	
(Quarterly) Effluent (TAL Inorgaincs)	1017			1025	
(Semi-Annual) Effluent (pH, COD, TSS TDS)				1025	
(Semi-Annual) Effluent (Field Test - DO, Conductivity, turbidity, chlorine)				1025	

COMMENTS

4/29/10 RW-2 Not Running.
5/27/10 RW-2 Removed off.

ACTIVE INDUSTRIAL UNIFORM SITE, NYSDEC SITE NO. 1-52-125
SYSTEM OPERATIONS AND DOWNTIME SHEET

SHUT-OFF DATE/TIME	RESTART DATE/TIME	CAUSE	ACTIONS TAKEN	TOTALIZER READING
4/12/10 1000	4/21/10 @ 1230	videotape	-cut Effluent line lock for blast.	RW-1 235405168 RW-2 131676352
4/29/10 1300	4/29/10 1320	KOD	Empty	RW1 237634048
— —	6/10/10 0900	HH/ASH	Pumpdown / restart	RW1 245434208

ATTACHMENT F

ANALYTICAL RESULTS

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF SYSTEM COMBINED INFLUENT ANALYSIS - VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	COMB INF	COMB INF	COMB INF	NYSDEC CLASS GA
SAMPLE TYPE	WATER	WATER	WATER	GROUNDWATER
DATE OF	4/29/2010	5/27/2010	6/24/2010	STANDARDS AND
COLLECTED BY	D&B	D&B	D&B	GUIDANCE VALUES
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOCs				
Dichlorodifluoromethane	U	U	U	5 GV
Chloromethane	U	U	U	--
Vinyl Chloride	U	U	1.4 J	2 ST
Bromomethane	U	U	3.2 J	5 ST
Chloroethane	U	U	U	5 ST
Trichlorofluoromethane	U	U	U	5 ST
1,1 Dichloroethene	U	U	U	5 ST
Carbon Disulfide	U			60 GV
Methyl Iodide	U			5 ST
Methylene Chloride	U	U	U	5 ST
Acetone	U			50 GV
trans-1,2-Dichloroethene	U	U	U	5 ST
1,1 Dichloroethane	U	U	U	5 ST
Vinyl Acetate	U			--
cis-1,2-Dichloroethene	**210**			5 ST
2,2 Dichloropropane	U			5 ST
Bromochloromethane	U			5 ST
Chloroform	U	U	U	7 ST
1,1,1 Trichloroethane	U	U	U	5 ST
Carbon Tetrachloride	U	U	U	5 ST
Methyl Ethyl Ketone	U			5 ST
1,1 Dichloropropene	U			5 ST
Benzene	U			1 ST
1,2 Dichloroethane	U	U	U	0.6 ST
Trichloroethlyene	**97**	**70**	**56**	5 ST
1,2 Dichloropropane	U	U	U	1 ST
Bromodichloromethane	U	U	U	5 ST
c 1,3 Dichloropropene	U	U	U	0.4 ST
t 1,3 Dichloropropene	U	U	U	0.4 ST
1,1,2 Trichloroethane	U	U	U	1 ST
Toluene	U			5 ST
4-Methyl-2-Pentanone	U			--
Tetrachloroethene	**330**	**490**	**450**	5 ST
Dibromochloromethane	U	U	U	50 GV
1,3 Dichloropropane	U			5 ST
2-Hexanone	U			50 GV
Chlorobenzene	U	U	U	5 ST
1,1,1,2 Tetrachloroethane	U			5 ST
Ethylbenzene	U			5 ST
Styrene	U			5 ST
Bromoform	U	U	U	50 GV
Isopropylbenzene	U			5 ST
1,1,2,2 Tetrachloroethane	U	U	U	5 ST
Bromobenzene	U			5 ST
1,2,3 Trichloropropane	U			0.04 ST
n Propylbenzene	U			5 ST
2 Chlorotoluene	U			5 ST
4 Chlorotoluene	U			5 ST
1,3,5 Trimethylbenzene	U			5 ST
Benzene, (1,1-dimethylethyl)	U			
1,2,4 Trimethylbenzene	U			5 ST
s Butylbenzene	U			5 ST
p Isopropyltoluene	U			5 ST
1,3 Dichlorobenzene	U	U	U	3 ST
1,4 Dichlorobenzene	U	U	U	3 ST
1,2 Dichlorobenzene	U	U	U	3 ST
n Butylbenzene	U			5 ST
1,2-dibromo-3-chloropropane	U			0.04 ST
1,2,4 Trichlorobenzene	U			5 ST
Hexachloro-,1,3-Butadiene	U			0.5 ST
Naphthalene	U			10 GV
1,2,3 Trichlorobenzene	U			5 ST
Xylenes Total	U			5 ST
1,2 Dibromoethane	U			5 ST
t butylmethylether	U			5 ST
2-Chloroethyl Vinyl Ether		U	U	5 ST
Total BTEX	U			5 ST
Total VOCs	637	560	510.6	

NOTES:

210 Concentration exceeds NYSDEC Class GA Groundwater Standards or Guidance Values

ABBREVIATIONS:

ug/L = Micrograms per liter
--: Not established
ST: Standard Value
GV: Guidance Value

QUALIFIERS:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
B: Compound found in a blank as well as the sample

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF SYSTEM COMBINED INFLUENT ANALYSIS - INORGANIC COMPOUNDS AND GENERAL CHEMISTRY

SAMPLE ID	COMB INF	COMB INF	COMB INF	NYSDEC CLASS GA GROUNDWATER STANDARDS (ug/L)
SAMPLE TYPE	WATER	WATER	WATER	
DATE OF COLLECTION	4/29/2010	5/27/2010	6/24/2010	
COLLECTED BY	D&B	D&B	D&B	
UNITS	(ug/L)	(ug/L)	(ug/L)	
INORGANIC COMPOUNDS				
Aluminum	U	U	U	--
Antimony	U	U	U	3
Arsenic	U	U	U	25
Barium	17.0	16.6	15.3	1,000
Beryllium	U	U	U	--
Cadmium	U	U	U	5
Calcium	22,700	22,300	20,600	--
Chromium	U	U	U	--
Cobalt	U	U	U	--
Copper	47.6	9.0 J	7.7 J	200
Iron	216	135	134	300
Lead	3.0 J	U	U	25
Magnesium	3,730	3,540	3,490	--
Manganese	**986**	**964**	**935**	300
Mercury	U	U	U	0.7
Nickel	U	U	U	100
Potassium	2,530	2,380	2,530	--
Selenium	U	U	U	10
Silver	0.31 J	0.28 J	0.26 J	50
Sodium	**25,200**	**24,300**	**23,700**	20,000
Thallium	J	U	U	--
Vanadium	U	1.2 J	U	--
Zinc	155	137.0	64.4	--
Iron and Manganese	**1,202**	**1,099**	**1,069**	500
GENERAL CHEMISTRY				
pH (S.U.)	6.55	6.64	6.61	6.5 - 8.5

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standards

ABBREVIATIONS:

ug/L: Micrograms per liter
--: Not established

QUALIFIERS:

B: Analyte detected greater than IDL, but less than CRDL.
U: Compound analyzed for but not detected.
J: Estimated value,

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF SYSTEM MIDFLUENT ANALYSIS - VOLATILE ORGANIC COMPOUNDS

SAMPLE ID	AS-MID	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES (ug/L)
SAMPLE TYPE	WATER	
DATE OF COLLECTION	6/24/2010	
COLLECTED BY	D&B	
UNITS	(ug/L)	
VOCs		
Dichlorodifluoromethane	U	5 GV
Chloromethane	0.12 J	--
Vinyl Chloride	U	2 ST
Bromomethane	0.33 J	5 ST
Chloroethane	U	5 ST
Trichlorofluoromethane	U	5 ST
1,1 Dichloroethene	U	5 ST
Methylene Chloride	U	5 ST
trans-1,2-Dichloroethene	U	5 ST
1,1 Dichloroethane	U	5 ST
Chloroform	U	7 ST
1,2 Dichloroethane	U	0.6 ST
1,1,1 Trichloroethane	U	5 ST
Carbon Tetrachloride	U	5 ST
Trichloroethlyene	0.41 J	5 ST
1,2 Dichloropropane	U	1 ST
Bromodichloromethane	U	5 ST
2-Chloroethyl Vinyl Ether	U	5 ST
c 1,3 Dichloropropene	U	0.4 ST
t 1,3 Dichloropropene	U	0.4 ST
1,1,2 Trichloroethane	U	1 ST
Dibromochloromethane	U	50 GV
Bromoform	U	50 GV
Tetrachloroethene	1.4 J	5 ST
Chlorobenzene	U	5 ST
1,1,2,2 Tetrachloroethane	U	5 ST
1,3 Dichlorobenzene	U	3 ST
1,4 Dichlorobenzene	U	3 ST
1,2 Dichlorobenzene	U	3 ST
Total VOCs	2.3	

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standards or Guidance Values

QUALIFIERS:

U: Compound analyzed for but not detected

J: Compound found at a concentration below CRDL, value estimated

ABBREVIATIONS:

ug/L = Micrograms per liter
--: Not established
ST: Standard Value
GV: Guidance Value

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF SYSTEM EFFLUENT ANALYSIS - VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	COMB EFF	COMB EFF	NYSDEC Site Specific Effluent Limitation
SAMPLE TYPE	WATER	WATER	
DATE OF COLLECTION	5/27/2010	6/24/2010	
COLLECTED BY	D&B	D&B	
UNITS	(ug/L)	(ug/L)	
VOCs			(ug/L)
Dichlorodifluoromethane	U	U	NL
Chloromethane	0.2 J	U	NL
Vinyl Chloride	U	U	10
Bromomethane	U	0.22 J	NL
Chloroethane	U	U	NL
Trichlorofluoromethane	U	U	NL
1,1 Dichloroethene	U	U	NL
Methylene Chloride	U	U	NL
trans-1,2-Dichloroethene	U	U	10*
1,1 Dichloroethane	U	U	NL
Chloroform	U	U	NL
1,2 Dichloroethane	U	U	NL
1,1,1 Trichloroethane	U	U	5
Carbon Tetrachloride	U	U	NL
Trichloroethlyene	U	U	10
1,2 Dichloropropane	U	U	NL
Bromodichloromethane	U	U	NL
2-Chloroethyl Vinyl Ether	U	U	NL
c 1,3 Dichloropropene	U	U	NL
t 1,3 Dichloropropene	U	U	NL
1,1,2 Trichloroethane	U	U	NL
Dibromochloromethane	U	U	NL
Bromoform	U	U	NL
Tetrachloroethene	0.19 J	U	4
Chlorobenzene	U	U	NL
1,1,2,2 Tetrachloroethane	U	U	NL
1,3 Dichlorobenzene	U	U	NL
1,4 Dichlorobenzene	U	U	NL
1,2 Dichlorobenzene	U	U	NL
Total VOCs	0.39	0.22	

NOTES:

Concentration exceeds NYSDEC Site Specific Effluent Limitation

* - Effluent limitation for 1,2 Dichloroethene (Total)

** - Effluent limit for xylene-o= 5 ug/l, xylene -m&p = 10 ug/l

ABBREVIATIONS

ug/L = Micrograms per liter

NL - No limit specified

QUALIFIERS:

U: Compound analyzed for but not detected

J: Compound found at a concentration below CRDL, value estimated

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF SYSTEM EFFLUENT ANALYSIS - INORGANIC COMPOUNDS AND GENERAL CHEMISTRY

SAMPLE ID	COMB EFF		NYSDEC Site Specific Effluent Limitation (ug/L)
SAMPLE TYPE	WATER		
DATE OF COLLECTION	6/24/2010		
COLLECTED BY	D&B		
UNITS	(ug/L)		
INORGANIC COMPOUNDS			
Aluminum		U	4,000
Arsenic		U	140
Barium	11		NL
Beryllium		U	NL
Calcium	20,400		NL
Cadmium		U	30
Cobalt		U	NL
Chromium		U	NL
Copper		U	38
Iron	184		4,000
Potassium	2,430		NL
Magnesium	3,410		NL
Manganese	476		2,000
Nickel		U	65
Silver		U	9
Sodium	23,900		NL
GENERAL CHEMISTRY			
Chlorine, Total Residual (mg/L)		U	NL
Total Dissolved Solids (mg/L)	133		Monitor
Total Suspended Solids (mg/L)		U	20
Dissolved Oxygen (mg/L)	9.0		NL
Specific Conductance (umhos/cm)	302		NL
Turbidity (NTU)	0.495	J	NL
Chemical Oxygen Demand (mg/L)	4.0	J	NL
pH (S.U.)	7.53		6 - 9

NOTES:

Concentration exceeds NYSDEC Site Specific Effluent Limitation

QUALIFIERS:

B: Concentration above IDL but less than CRDL.
U: Compound analyzed for but not detected.
J: Compound found at a concentration below CRDL, value estimated

ABBREVIATIONS:

ug/L: Micrograms per liter
mg/L: Milligrams per liter
NL : No limit specified
NTU: Nephelometric Turbidity Units
S.U.: Standard Units
NS: Not sampled

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF ANALYSIS OF VAPOR PHASE CARBON VESSEL (VPCV) INFLUENT
- VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	VPCV-INF	VPCV-INF	VPCV-INF
SAMPLE TYPE	AIR	AIR	AIR
DATE OF COLLECTION	4/29/2010	5/27/2010	6/24/2010
COLLECTED BY	D&B	D&B	D&B
UNITS	(ug/m^3)	(ug/m^3)	(ug/m^3)
VOCs			
t 1,3 Dichloropropene	U	U	U
Freon 114	U	U	U
Acetone	U	U	U
Ethanol	U	U	U
Ethyl Acetate	U	U	U
Ethylbenzene	U	U	U
Trichlorofluoromethane	U	U	U
Heptane	U	U	U
Hexachloro-,1,3-Butadiene	U	U	U
Hexane	U	U	U
2-Hexanone	U	U	U
Isopropyl Alcohol	U	U	U
Methylene Chloride	U	U	U
Benzene	U	U	U
Benzyl Chloride	U	U	U
Styrene	U	U	U
1,1,2,2 Tetrachloroethane	U	U	U
Tetrachloroethene	3,900	6,100	3,400
Tetrahydrofuran	U	U	U
Toluene	U	U	U
1,2,4 Trichlorobenzene	U	U	U
1,1,1 Trichloroethane	U	U	U
1,1,2 Trichloroethane	U	U	U
Trichloroethlyene	1,200	760	430
1,2,4 Trimethylbenzene	U	U	U
1,3,5 Trimethylbenzene	U	U	U
Vinyl Acetate	U	U	U
Vinyl Chloride	9.9	U	11
o-Xylene	U	U	U
t butylmethylether	U	U	U
1,2,2 Trifluoro-1,1,2 Tricloroethane	U	U	U
m + p Xylene	U	U	U
Bromodichloromethane	U	U	U
1,2 Dibromoethane	U	U	U
Methyl Ethyl Ketone	U	U	U
4-Methyl-2-Pentanone	U	U	U
Bromoform	U	U	U
Bromomethane	U	U	U
1,3 Butadiene	U	U	U
4-Ethyltoluene	U	U	U
Carbon Disulfide	U	U	U
Carbon Tetrachloride	U	U	U
Chlorobenzene	U	U	U
Dibromochloromethane	U	U	U
Chloroethane	U	U	U
Chloroform	U	U	U
Chloromethane	U	U	U
Propene	U	U	U
Cyclohexane	U	U	U
1,2 Dichlorobenzene	U	U	U
1,3 Dichlorobenzene	68	U	U
1,4 Dichlorobenzene	U	U	U
Dichlorodifluoromethane	U	U	U
1,1 Dichloroethane	U	U	U
1,2 Dichloroethane	U	U	U
1,1 Dichloroethene	U	U	U
cis-1,2-Dichloroethene	3200 D	810	460
trans-1,2-Dichloroethene	21	U	U
1,2 Dichloropropane	U	U	U
c 1,3 Dichloropropene	U	U	U
Total BTEX	U	U	U
Total VOCs	8,399	7,670	4,301

ABBREVIATIONS:
ug/m^3 - Micrograms per cubic meter

QUALIFIERS:
U: Compound analyzed for but not detected.
J: Analyte detected at or below quantitation limits
D: Result taken from reanalysis at a secondary dilution

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF ANALYSIS OF VAPOR PHASE CARBON VESSEL (VPCV) MIDFLUENT
VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	VPCV-MID	VPCV-MID	VPCV-MID
SAMPLE TYPE	AIR	AIR	AIR
DATE OF COLLECTION	4/29/2010	5/27/2010	6/24/2010
COLLECTED BY	D&B	D&B	D&B
UNITS	(ug/m^3)	(ug/m^3)	(ug/m^3)
VOCs			
t 1,3 Dichloropropene	U	U	U
Freon 114	U	U	U
Acetone	17	U	U
Ethanol	13	94	36
Ethyl Acetate	U	U	U
Ethylbenzene	U	U	U
Trichlorofluoromethane	1.4	U	U
Heptane	U	U	U
Hexachloro-,1,3-Butadiene	U	U	U
Hexane	U	U	U
2-Hexanone	U	U	U
Isopropyl Alcohol	U	U	U
Methylene Chloride	U	U	U
Benzene	0.71	U	U
Benzyl Chloride	U	U	U
Styrene	U	U	U
1,1,2,2 Tetrachloroethane	U	U	U
Tetrachloroethene	100	170	23
Tetrahydrofuran	4.1	U	U
Toluene	U	U	U
1,2,4 Trichlorobenzene	U	U	U
1,1,1 Trichloroethane	5.3	U	3.2
1,1,2 Trichloroethane	U	U	U
Trichloroethlyene	320 D	270	310
1,2,4 Trimethylbenzene	U	U	U
1,3,5 Trimethylbenzene	U	U	U
Vinyl Acetate	U	U	U
Vinyl Chloride	8.9	8	13
o-Xylene	U	U	U
t butylmethylether	21	U	5.2
1,2,2 Trifluoro-1,1,2 Tricloroethane	U	U	U
m + p Xylene	U	U	U
Bromodichloromethane	U	U	U
1,2 Dibromoethane	U	U	U
Methyl Ethyl Ketone	3.8	U	U
4-Methyl-2-Pentanone	U	U	U
Bromoform	U	U	U
Bromomethane	U	U	U
1,3 Butadiene	U	U	U
4-Ethyltoluene	U	U	U
Carbon Disulfide	U	U	U
Carbon Tetrachloride	U	U	U
Chlorobenzene	U	U	U
Dibromochloromethane	U	U	U
Chloroethane	U	U	U
Chloroform	1.7	U	U
Chloromethane	1.1	U	U
Propene	1.1	U	U
Cyclohexane	U	U	U
1,2 Dichlorobenzene	U	U	U
1,3 Dichlorobenzene	95	U	2.4
1,4 Dichlorobenzene	U	U	U
Dichlorodifluoromethane	2.6	U	2.5
1,1 Dichloroethane	7.8	U	3.1
1,2 Dichloroethane	U	U	U
1,1 Dichloroethene	5.8	U	2.4
cis-1,2-Dichloroethene	1,400 D	1,400	620 D
trans-1,2-Dichloroethene	12	9.3	5.4
1,2 Dichloropropane	U	U	U
c 1,3 Dichloropropene	U	U	U
Total BTEX	U	U	U
Total VOCs	2,022	1,951	1,026

ABBREVIATIONS:
ug/m^3 - Micrograms per cubic meter

QUALIFIERS:
U: Compound analyzed for but not detected.
J: Analyte detected at or below quantitation limits
D: Result taken from reanalysis at a secondary dilution

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF ANALYSIS OF VAPOR PHASE CARBON VESSEL (VPCV) EFFLUENT - VOLATILE ORGANIC COMPOUNDS (VOCs)
- VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	VPCV-EFF	VPCV-EFF	VPCV-EFF
SAMPLE TYPE	AIR	AIR	AIR
DATE OF COLLECTION	4/29/2010	5/27/2010	6/24/2010
COLLECTED BY	D&B	D&B	D&B
UNITS	(ug/m^3)	(ug/m^3)	(ug/m^3)
VOCs			
t 1,3 Dichloropropene	U	U	5.6
Freon 114	U	U	U
Acetone	U	U	U
Ethanol	3.8	80	52
Ethyl Acetate	U	U	U
Ethylbenzene	U	U	U
Trichlorofluoromethane	1.9	U	U
Heptane	U	U	U
Hexachloro-,1,3-Butadiene	U	U	U
Hexane	U	U	U
2-Hexanone	U	U	U
Isopropyl Alcohol	U	U	U
Methylene Chloride	U	U	U
Benzene	U	U	U
Benzyl Chloride	U	U	U
Styrene	U	U	U
1,1,2,2 Tetrachloroethane	U	U	U
Tetrachloroethene	15	170	7.5
Tetrahydrofuran	U	U	U
Toluene	U	U	U
1,2,4 Trichlorobenzene	U	U	U
1,1,1 Trichloroethane	6.2	U	U
1,1,2 Trichloroethane	U	U	U
Trichloroethlyene	150	55	43
1,2,4 Trimethylbenzene	U	U	U
1,3,5 Trimethylbenzene	U	U	U
Vinyl Acetate	U	U	U
Vinyl Chloride	8.8	6	16
o-Xylene	U	U	U
t butylmethylether	23	U	5.2
1,2,2 Trifluoro-1,1,2 Tricloroethane	U	U	U
m + p Xylene	U	U	U
Bromodichloromethane	U	U	U
1,2 Dibromoethane	U	U	U
Methyl Ethyl Ketone	U	U	U
4-Methyl-2-Pentanone	U	U	U
Bromoform	U	U	U
Bromomethane	U	U	U
1,3 Butadiene	U	U	U
4-Ethyltoluene	U	U	U
Carbon Disulfide	U	U	U
Carbon Tetrachloride	U	U	U
Chlorobenzene	U	U	U
Dibromochloromethane	U	U	U
Chloroethane	U	U	U
Chloroform	1.7	U	U
Chloromethane	1.1	U	U
Propene	U	U	U
Cyclohexane	U	U	U
1,2 Dichlorobenzene	U	U	U
1,3 Dichlorobenzene	2.3	14	U
1,4 Dichlorobenzene	U	U	U
Dichlorodifluoromethane	2.4	U	U
1,1 Dichloroethane	11	U	U
1,2 Dichloroethane	U	U	U
1,1 Dichloroethene	6.1	U	U
cis-1,2-Dichloroethene	1,500 D	1,100	800 D
trans-1,2-Dichloroethene	12	8.2	5.6
1,2 Dichloropropane	U	U	U
c 1,3 Dichloropropene	U	U	U
Total BTEX	U	U	U
Total VOCs	1,745	1,433	935

ABBREVIATIONS:
ug/m^3 - Micrograms per cubic meter

QUALIFIERS:
U: Compound
J: Analyte detected at or below quantitation limits
D: Result taken from reanalysis at a secondary dilution

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
SUMMARY OF VAPOR EMISSION RATES

Vapor Phase Carbon Vessel Effluent (VPCV-EFF) Sample Collection Date: April 29, 2010

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min)	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)	Percentage of NYSDEC Permitted Effluent Limits Detected
Ethanol	3.8	1,062	1.5E-05	NL	--
Trichlorofluoromethane	1.9	1,062	7.6E-06	NL	--
Tetrachloroethene	15.0	1,062	6.0E-05	7.0E-03	0.9%
1,1,1 Trichloroethane	6.2	1,062	2.5E-05	1.0E-03	2.5%
Trichloroethlyene	150.0	1,062	6.0E-04	6.0E-03	10.0%
Vinyl Chloride	8.8	1,062	3.5E-05	1.4E-02	0.3%
t butylmethylether	23.0	1,062	9.2E-05	NL	--
Chloroform	1.7	1,062	6.8E-06	NL	--
Chloromethane	1.1	1,062	4.4E-06	NL	--
1,3 Dichlorobenzene	2.3	1,062	9.2E-06	NL	--
Dichlorodifluoromethane	2.4	1,062	9.6E-06	NL	--
1,1 Dichloroethane	11.0	1,062	4.4E-05	NL	--
1,1 Dichloroethene	6.1	1,062	2.4E-05	NL	--
1,2-dichloroethene (total)	1,512	1,062	**6.0E-03**	3.0E-03	200.8%
Total VOCs	233.3	1,062	9.3E-04	5.0E-01	0.2%

Vapor Phase Carbon Vessel Effluent (VPCV-EFF) Sample Collection Date: May 27, 2010

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min)	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)	Percentage of NYSDEC Permitted Effluent Limits Detected
Ethanol	80	993	3.0E-04	NL	--
Tetrachloroethene	170	993	6.3E-04	7.0E-03	9.0%
Trichloroethlyene	55	993	2.0E-04	6.0E-03	3.4%
Vinyl Chloride	6	993	2.2E-05	1.4E-02	0.2%
1,3 Dichlorobenzene	14	993	5.2E-05	NL	--
1,2-dichloroethene (total)	1108.2	993	**4.1E-03**	3.0E-03	137.6%
Total VOCs	325.0	993	1.2E-03	5.0E-01	0.2%

Vapor Phase Carbon Vessel Effluent (VPCV-EFF) Sample Collection Date: June 24, 2010

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min)	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)	Percentage of NYSDEC Permitted Effluent Limits Detected
t 1,3 Dichloropropene	5.6	1,200	2.5E-05	NL	--
Ethanol	52	1,200	2.3E-04	NL	--
Tetrachloroethene	7.5	1,200	3.4E-05	7.0E-03	0.5%
Trichloroethlyene	43	1,200	1.9E-04	6.0E-03	3.2%
Vinyl Chloride	16	1,200	7.2E-05	1.4E-02	0.5%
t butylmethylether	5.2	1,200	2.3E-05	NL	--
1,2-Dichloroethene (total)	805.6	1,200	**3.6E-03**	3.0E-03	120.9%
Total VOCs	934.9	1,200	4.2E-03	5.0E-01	0.8%

NOTES:

1. Only detected compounds are listed. All other VOCs were undetected during this sampling event.

Concentration exceeds NYSDEC permitted effluent limits

ABBREVIATIONS:

NL - No limit specified in permit application
ug/m^3 - Micrograms per cubic meter
ft^3/min - Cubic feet per minute
lbs/hr - Pounds per hour

ATTACHMENT G

DATA VALIDATION CHECKLISTS

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	April 29, 2010
Matrix/Number of Samples:	Water/ 2(Combined Influent and Effluent) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA SW 846 method 8260B Metals:by USEPA SW 846 method 6010B and mercury by USEPA SW 846 method 7470A
Laboratory Report No:	220-12094 Date:5/12/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X	X		
B. Trip blanks					X
C. Field blanks					X
3. Laboratory Control Sample (LCS) %R		X	X		
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

VOCs - volatile organic compounds
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:

Performance was acceptable with the following exceptions:

2A. Methylene chloride and acetone were detected in the method blank. It was not detected in the associated samples and therefore did not impact the usability of the reported sample results.

3. Bromomethane and trans-1,2-dichloroethene %Rs were outside the QC limits in the LCS associated with Combined Influent. They were not detected in the associated sample and therefore did not impact the usability of the samples.

INORGANIC ANALYSES
METALS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Field blanks					X
3 Laboratory control sample %R		X		X	
4. Matrix Spike sample %R		X		X	
5. Duplicate %RPD		X		X	
6. Field duplicates RPD					X

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 6/30/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	May 27, 2010
Matrix/Number of Samples:	Water/ 2(Combined and Effluent) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA method 624 Metals:by USEPA SW 846 method 6010B and mercury by USEPA SW 846 method 7470A
Laboratory Report No:	220-12328 Date:6/14/2010

ORGANIC ANALYSES

VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks					X
C. Field blanks					X
3. Laboratory Control Sample (LCS) %R		X		X	
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable.

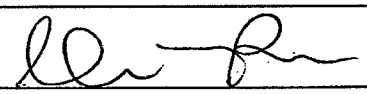
INORGANIC ANALYSES

METALS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Field blanks					X
3 Laboratory control sample %R		X		X	
4. Matrix Spike sample %R		X		X	
5. Duplicate %RPD		X		X	
6. Field duplicates RPD					X

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 12/20/2010
VALIDATION PERFORMED BY SIGNATURE:	

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DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	June 24, 2010
Matrix/Number of Samples:	Water/ 4(Combined, RW, Influent and Effluent) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): USEPA method 624 Metals:by USEPA SW 846 method 6010B and mercury by USEPA SW 846 method 7470A
Laboratory Report No:	220-12570 Date:7/9/2010

ORGANIC ANALYSES

VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks					X
C. Field blanks					X
3. Laboratory Control Sample (LCS) %R		X		X	
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

VOCs - volatile organic compounds
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:
Performance was acceptable.

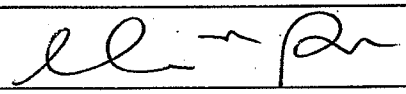
INORGANIC ANALYSES

METALS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Field blanks					X
3 Laboratory control sample %R		X		X	
4. Matrix Spike sample %R		X		X	
5. Duplicate %RPD		X		X	
6. Field duplicates RPD					X

%R - percent recovery
%D - percent difference
RPD - relative percent difference

Comments:
Performance was acceptable.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 12/20/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

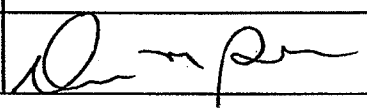
Project Name:	Active Industrial
Project Number:	2578-04
Sample Date(s):	May 27, 2010
Matrix/Number of Samples:	Air/ 3
Analyzing Laboratory:	TestAmerica Laboratories, Knoxville, TN
Analyses:	Volatile Organic Compounds (VOCs): TO15
Laboratory Report No:	H0I010429 Date:6/11/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Method blanks		X		X	
3. Matrix spike (MS) %R					X
4. Matrix spike duplicate (MSD) %R					X
5. MS/MSD precision (RPD)					X
6. Laboratory Control Sample (LCS) %R		X		X	
7. Surrogate spike recoveries		X		X	
8. Field duplicates RPD					X

VOCs - volatile organic compounds
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:
Performance was acceptable.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 12/20/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	June 24, 2010
Matrix/Number of Samples:	Air/ 3
Analyzing Laboratory:	TestAmerica Laboratories, Knoxville, TN
Analyses:	Volatile Organic Compounds (VOCs): TO15
Laboratory Report No:	H0F280408 Date:7/28/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Method blanks		X		X	
3. Matrix spike (MS) %R					X
4. Matrix spike duplicate (MSD) %R					X
5. MS/MSD precision (RPD)					X
6. Laboratory Control Sample (LCS) %R		X		X	
7. Surrogate spike recoveries		X		X	
8. Field duplicates RPD					X

VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable with the following exception:

The EFFLUENT and MID-FLUENT samples were initially run with cis-1,2-dichloroethene exceeding the calibration range. The samples were reanalyzed at a secondary dilution and cis-1,2-dichloroethene was reported for EFFLUENT and MID-FLUENT samples from the secondary dilution.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 12/20/2010
VALIDATION PERFORMED BY SIGNATURE: