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May 26, 2011

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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. 23
D&B No. 2578

Dear Mr. Long:

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 July 1, 2010 through September 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 to 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 operations and maintenance completed during the quarter, as well as the results and interpretation of the sample collection and analysis completed during this reporting period at the Active Industrial Uniform site. Note that groundwater monitoring well sample data is presented in the Groundwater Sampling Report No. 3. In addition, a Site Management Plan (SMP) for the Active Industrial Uniform Site is currently being drafted by D&B.

Groundwater Extraction and Treatment System Operation and Maintenance

During this reporting period, on-site extraction well RW-1 operated at an average pumping rate of approximately 120 gallons per minute (gpm). As stated in Quarterly Report No. 22, the NYSDEC requested EAR shut down off-site extraction well RW-2 on April 21, 2010, due to the presence of historically low concentrations of chlorinated volatile organic compounds (VOCs), along with a continued decline in total VOC concentrations.

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Based on a review of the data, the flow rate for RW-1 was exhibiting an overall decreasing trend prior to April 21, 2010, due to possible iron plating at the well screen and/or slight pump wear over time. At that point, the flow rate of extraction well RW-1 was manually increased to compensate for the fact that the treatment system was no longer receiving groundwater from extraction well RW-2. In addition, the increase would enhance the radius of influence to better capture chlorinated VOC-contaminated groundwater potentially migrating off-site. After April 21, 2010, the flow rate for RW-1 also shows an overall decreasing trend. A normalized graph of the average flow rate for RW-1 since May 2009 is presented in Attachment B.

During this reporting period, approximately 15,919,600 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 the basin flows into the creek. Approximately 49.1 pounds of total VOCs were removed from the extracted groundwater during this reporting period and approximately 1,369 pounds of total VOCs have been removed since start-up of the system. The average total VOC removal efficiency for this quarter was approximately 98.7 percent. A summary of the extraction and treatment system performance results is provided in Attachment C.

The groundwater extraction system was operational for a total of approximately 2,198 hours and inoperative for a total of approximately 10 hours due to non-routine maintenance activities. Non-routine maintenance performed during this reporting period included the following:

- Collection of granular activated carbon (GAC) samples on July 2, 2010;
- Cutting, removal and off-site disposal of the metal sea container located near the western portion of the Site on July 2 and 6, 2010;
- Painting of exterior PVC piping on July 15 and 16, 2010;
- Property maintenance on July 28, 2010 including gate repair and replacement of the polysheeting covering the soil piles stored at the site from the underground storage tank (UST) excavation detailed in previous quarterly reports;
- Property maintenance on September 3, 2010 including securing the property prior to a forecasted severe storm and replacement of the poly-sheeting covering the soil piles;
- Property maintenance on September 7, 2010 including replacement of the poly-sheeting covering the soil piles;
- Response to a noise complaint received by the Village of Lindenhurst on September 17, 2010. The noise was diagnosed to be originating from the roof exhaust fan. As directed by the NYSDEC, the roof fan was shut off and not repaired;
- Construction and installation of ex-situ soil-vapor extraction system on September 27 through September 30, 2010 for remediation of contaminated soil removed as part of the UST excavation; and
- Removal of skid steer equipment and disposal of debris from Site on September 30, 2010.

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EAR has reported that routine maintenance was not conducted during this period. Routine blower and transfer pump maintenance is scheduled to be completed in Quarter 24.

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 D.

As noted in the Quarter 22 report, the treatment system effluent piping was borescoped in order to diagnose a high pressure reading and associated alarm conditions in the piping. The high pressure is possibly due to a blockage in the effluent piping. However, as the treatment system is currently only receiving water from one extraction well, treatment system effluent flow rate and pressure have reduced such that system shutdowns related to the possible effluent piping restriction have not occurred. Based on this information, and at the current influent flow rate, further diagnosis of the treatment system effluent piping is no longer warranted.

Groundwater Extraction and Treatment System Monitoring (Aqueous Samples)

Monthly groundwater samples were collected from the combined influent sample tap (COMB-INF) and the treatment system discharge sample tap (COMB-EFF) on July 28, August 31, and September 27, 2010. All samples were analyzed for VOCs by United States Environmental Protection Agency (USEPA) Method 624. The samples collected from the combined influent sample tap were also analyzed for Target Analyte List (TAL) metals by USEPA Method 6010B and for pH by USEPA Method 9040B.

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 September 27, 2010. Each sample was analyzed for VOCs by USEPA Method 624. The treatment system effluent sample was also analyzed for TAL metals by USEPA Method 6010B.

All sample results are summarized in Attachment E.

Based on the analytical results of influent groundwater sample collected on July 28, 2010, COMB-INF total VOCs ranged from 368 ug/l to a maximum concentration of 400 ug/l. During this reporting period tetrachloroethene (PCE) was detected in exceedance of its Class GA groundwater standard of 5.0 ug/l at concentrations ranging from 310 ug/l to 340 ug/l, with the maximum concentration detected in the sample collected on July 28, 2010. Trichloroethene (TCE) was detected in exceedance of its Class GA groundwater standard of 5.0 ug/l at concentrations ranging from 56.0 ug/l to 60.0 ug/l, with the maximum concentration detected in the sample detected on September 27, 2010. As noted in Quarterly Report No. 22, cis-1,2-dichlorethene (cis-1,2-DCE), was not analyzed during this reporting period because USEPA Method 624 does not report cis-1,2-DCE. D&B notified the NYSDEC that cis-1,2-DCE is not reported as part of Method 624 and has recommended to change the VOC analytical method back to Method 8260, in order to continue to monitor this site-specific contaminant of concern.

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In addition, COMB-INF manganese was detected in exceedance of its Class GA groundwater standard of 300 ug/l at concentrations ranging from 924 ug/l to 985 ug/l, with the maximum concentration detected in the sample collected on September 27, 2010, while COMB-INF sodium was detected in exceedance of its Class GA groundwater standard of 20,000 ug/l at concentrations ranging from 23,500 ug/l to 24,200 ug/l, with the maximum concentration detected in the sample collected on September 27, 2010.

The analytical results of the aqueous phase samples collected from the air stripper midfluent exhibited concentrations of PCE (2.7 ug/l) and TCE (0.8 ug/l) below their respective NYSDEC Class GA groundwater standards of 5.0 ug/l. 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 approximately 99%.

The analytical results for the air stripper discharge have been compared to the NYSDEC site-specific effluent limits. Based on the aqueous phase effluent sample results, chloromethane (0.44 ug/l) was detected in the COMB-EFF sample collected on July 28, 2010, and chloromethane (0.22 ug/l) and PCE (0.5 ug/l) were detected in the COMB-EFF sample collected on September 27, 2010. Note that chloromethane does not have a NYSDEC site-specific effluent limit and the detected concentration of PCE is significantly below the NYSDEC site-specific effluent limit of 4.0 ug/l.

In addition, metals were all detected at concentrations below the NYSDEC site-specific effluent limits, and pH was detected at values 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 July 28, August 31, and September 27, 2010 and analyzed for VOCs utilizing USEPA Method TO-15. The results of the vapor phase carbon adsorption system samples 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 detected in the effluent vapor samples were below the NYSDEC site-specific permit equivalency discharge limits for this reporting period, with the exception of cis-1,2-DCE. Cis-1,2-DCE was detected at concentration rates of 3.7 x 10⁻³ lbs/hr on July 28, 2010, 4.4 x 10⁻³ lbs/hr on August 31, 2010 and 6.8 x 10⁻³ lbs/hour on September 27, 2010, exceeding its site-specific concentration rate of 3.0 x 10⁻³ lbs/hr. D&B will continue to closely monitor cis-1,2-DCE concentrations in the treatment system vapor samples. In addition, upon review of the data, the NYSDEC was immediately notified of these exceedances. It is again recommended to change out the granulated activated carbon (GAC) in the two on-site carbon vessels.

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

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laboratory. All sample results have been deemed valid and usable for environmental assessment purposes, except as noted below:

- For air samples collected on July 28, 2010, the laboratory used a one-point calibration for ethanol and ethanol was qualified as estimated (J/UJ) in all samples.
- For air samples collected on September 27, 2010, cis-1,2-DCE and isopropyl alcohol were detected above the linear range of the instrument calibration and were reanalyzed at a secondary dilution. The associated results are qualified with a "D."

Data Validation Checklists are presented in Attachment F.

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 is continuing to capture VOC-contaminated groundwater.
- The replacement analytical method approved for VOC analysis (USEPA Method 624) includes all site-specific contaminants of concern, with the exception of cis-1,2-DCE.
- Extraction well RW-1 was pumping at an average rate of 120 gpm during this reporting period, which is higher than the contract-required flow rate range of 80.0 gpm to 100 gpm, as specified in the Active Industrial Uniform Site Contract Documents. As detailed in Quarterly Report No. 22, 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, in order to increase its on-site radius of influence and ensure that all on-site VOCs are captured prior to migration off-site.
- The effluent pressure readings have been lower, as compared to previous quarters, due to only RW-1 pumping.
- 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.

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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 vapor phase effluent samples collected from the carbon vessels, it is warranted to replace the granular activated carbon contained in the carbon vessels.
- Due to the fact that the treatment system is currently only receiving water from extraction well RW-1, further diagnosis of the treatment system effluent piping is no longer warranted. However, if the influent flow rate and, therefore, pressure is increased in the future, it may be warranted to continue the borescoping of the effluent piping.
- Modify the analytical method for VOCs back to USEPA Method 8260 in order to monitor the concentrations of cis-1,2-DCE in site groundwater.

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/Pm(t)/j/lf Attachments

cc:

R. Walka (D&B)

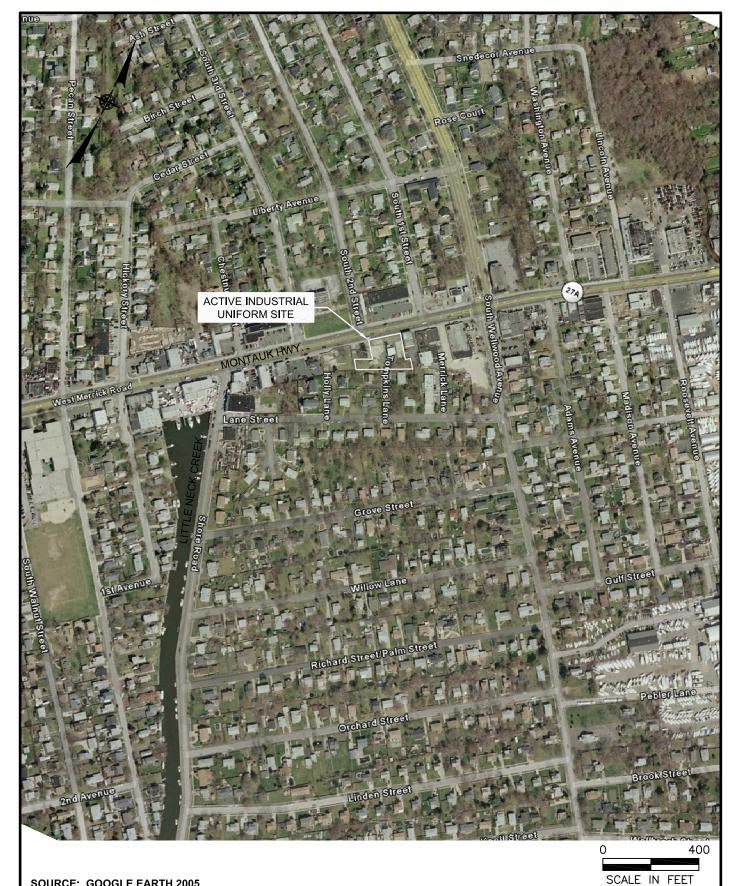
P. Martorano (D&B)

F. DeVita (D&B)

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ATTACHMENT A

FIGURES



SOURCE: GOOGLE EARTH 2005



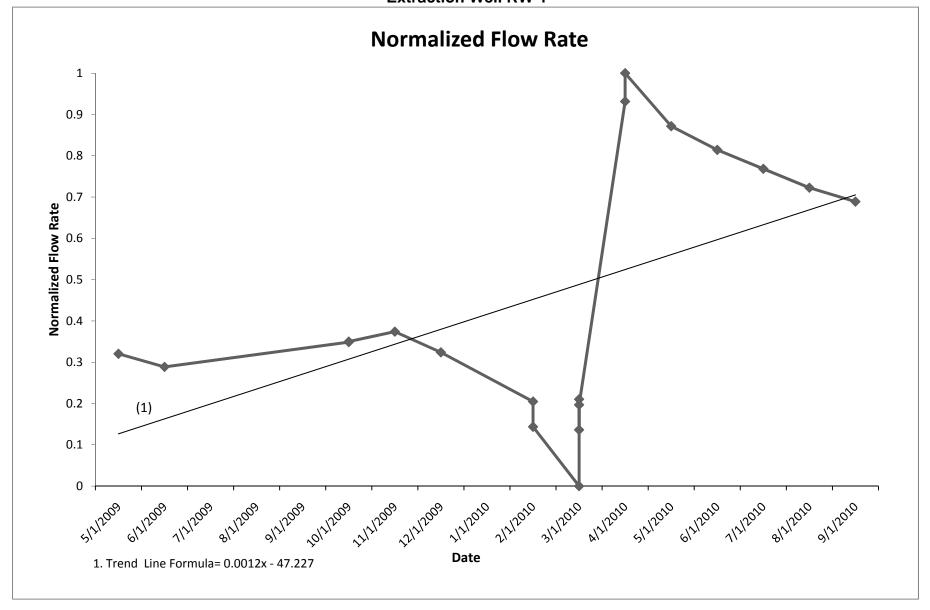
ACTIVE INDUSTRIAL UNIFORM SITE VILLAGE OF LINDENHURST, NEW YORK

SITE LOCATION MAP

FIGURE 1

ATTACHMENT B

NORMALIZED GRAPH OF AVERAGE FLOW RATE FOR 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	SYSTEM INFLUENT AVERAGE EXTRACTION RATE	SYSTEM INFLUENT TOTAL VOC CONCENTRATION	SYSTEM EFFLUENT TOTAL VOC CONCENTRATION	TOTAL VOC REMOVAL EFFICIENCY	ESTIMATED AVERAGE TOTAL VOC REMOVAL RATE	ESTIMATED SYSTEM RUNTIME	CUMULATIVE TOTAL VOC REMOVAL
DATE	(gpm)	(ug/L)	(ug/L)	(%)	(lb/hr)	(hr)	(lbs)
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
7/28/2010	121.10 (RW-1) 0.00 (RW-2)	400.0	< 5.0	98.75%	2.42E-02	649 (RW-1) 0 (RW-2)	1,335.79
8/31/2010	117.77 (RW-1) 0.00 (RW-2)	367.6	< 5.0	98.64%	2.17E-02	815 (RW-1) 0 (RW-2)	1,353.45
9/27/2010	115.31 (RW-1) 0.00 (RW-2)	371.5	< 5.0	98.65%	2.14E-02	734 (RW-1) 0 (RW-2)	1,369.17

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.
- Estimated through the end of the reporting period.
 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

SITE LOGS

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE		REASON FOR SIT	SITE VISIT (CHECK BOX BELOW			
KH.GW. PM	6-24-10 0900	1530		Monitoring		Maintenance		
				Sampling	K	Other (Provide Description)		
Control Colonia Coloni				Alarm Response		<u>and and an instruction of a reference in profession to the respective of the state of the respective of the state of the </u>		
CENTER.	E (DAY 2) CUHI	ng of sea Cor	<i>ITA</i>	îner. Deliu	ER '	metal to reagling		
K5	624-10 0900	1530		Monitoring	1×	Maintenance		
Carfon Apunices was the care of a traction in care of a service provide recover public region in the other international distribution of a depoter		mendan over 4.4 64 reason in the cost decision of the cost of the	X	Sampling		Other (Provide Description)		
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KS .	7-1-10 0800	0815		Monitoring		Maintenance		
				Sampling	R	Other (Provide Description)		
				Alarm Response				
Description: Pick o	plogBook.							

	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR SI	TE VISIT (CHECK BOX BELOW)
KILGA, BC	7-2-10 0820	/130	Monitoring	Maintenance
GW	// 37)	1430	Sampling	Other (Provide Description)
Biology assuranges in security and respect of the contract of	and the control of th		Alarm Response	
Description:		11 tone a		
Portinux Cutting of	Container, Deliver met	ar to restigned		
Tollect cartin Sa	m) le. Tot 249371	120 @ 09/5		
The state of the s	The same and the same			
KH, GW	7-6-10 0900	1/230	Monitoring	Maintenance
eggeneration consideration en en estado con comunicación con investi destinativas de la consideración de la consideración en en estado en entre entre entre en entre	างเล่า กับเกิดเกลา และเกลา์ เกลา การกระบาง การกระบางการกระบางการกระบางการกระบางการกระบางการกระบางการกระบางการก เกลา์ เกลา์ เกล		Sampling	Other (Provide Description)
	THE REAL PROPERTY OF THE PROPE		Alarm Response	
Description:	entral por parametro por ser construente en ser construente de la construente del la construente del la construente de l		And the second s	начина сибенивания населения неменя внегисе него него пред серона пред разменя объекто не объект се из него постоя посто
Onthur Cutting UD	- Sec Container Deli	ver Mela I		
ONTINCE CUTTING U)	sea Container. Deli			
KH, PB	7-15-16 @800	1445	Monitoring	Maintenance
KH, PB			Monitoring Sampling	Maintenance Other (Provide Description)
KH, PB	7-15-16 @800	1445		
KH, PB KU, PB	7-15-16 @ 800 7-16-16 @ 800	1345	Sampling Alarm Response	Other (Provide Description)
KH, PB KU, PB	7-15-16 @ 800 7-16-16 @ 800	1345	Sampling Alarm Response	Other (Provide Description)
KH, PB KU, PB	7-15-16 @ 800 7-16-16 @ 800	1345	Sampling Alarm Response	Other (Provide Description)
KH, PB KU, PB	7-15-16 @ 800 7-16-16 @ 800	1345	Sampling Alarm Response	

	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR S	ITE VISIT (CHECK BOX BELOW)
SR	7/21/10 1045	19 1145	Monitoring	Maintenance
A CONTRACTOR OF THE PROPERTY O	and a filter and an fundamental and an artist and an artist and an artist and artist arti	en e	Sampling	Other (Provide Description)
nder, province addition to a define a communication of a province and a second communication of a second communication of the second communica			Alarm Response	ометь на при в при на
Description: MEE+ 1	REWHAL EQUIPM	ant Co. to pro	ounde Access	+ return Key For
Equipment pro		•		·
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	100116 20116		V	I V I Maintananna
	7/28/10 0845	Anna and an anna and an anna and an anna and an	Monitoring	Maintenance
<u> XI</u>	7/28/10 1115	1445	X Sampling	Other (Provide Description)
	THE CONTRACT OF THE CONTRACT O		Alarm Response	
Support W/G	Ate Check &	to resecure	oling. Proper	nty maintenance
Support W/G.				rty maintenance u prastic to
Support W/G. Soil piles.	7/30/10 1400	1415	Monitoring	Maintenance
Support W/G. Soil piles.				
Soil PILES. KS KS	7/30/10 1400	1415	Monitoring	Maintenance

PERSONNEL ON-SITE	DATE/TIME ON-SITE	SITE TIME OFFSITE		REASON FOR SITE VISIT (CHECK BOX BELOW)				
VS	8/81/10 0815	1200	W	Monitoring	×	Maintenance		
New control of the state of the		namen illi di krisia kalenda di sami kalenda kalenda di di da kalenda di di da kalenda	A	Sampling		Other (Provide Description)		
ONNOVINUE REPORTED AND REPORT OF THE PROPERTY	Badasa kebadi minjadah hadi kebadan perupakan dindan Penerantuan perupakan Administrativa pengkakan penaran da	ACCURATE PROJECT AND		Alarm Response				
Description: Manthly	she check of 84	Stem Spanfii		NUTUTION STATE	. Vana Najart	eetgnainennike		
SP MM	9/3/10 0850	0930		Monitoring	À	Maintenance		
				Sampling		Other (Provide Description)		
AND DESCRIPTION OF THE PROPERTY OF THE PROPERT				Alarm Response				
inclu Cover	ding Coverir	g all expose		soil debri	To make	with plasmic		
KH	19/1/10 1415	1500		Monitoring	0	Maintenance		
		THE PROPERTY OF THE PROPERTY O		Sampling	Þ	Other (Provide Description)		
	Committee continuous sure accious sur sur sur sur sur sur sur sur sur s	A DE BOYAN EN ELECTRONICO E EN ELECTRONICO ANTE PROTECTION AND ANT		Alarm Response				
Description: Re-Cove	ERY SECURE 3011	After Storm						

FRANKLIN CLEANERS SITE, NYSDEC SITE NO. 1-30-050 SITE ACTIVITIES LOG

1336 Frc Canes	+SHPEN EQUI		Monitoring Sampling Alarm Response	K	Maintenance
	+SAPEY Equi		Alarm Response	K	Other (Dravide Description)
Frc Cones	+SHPEY EQUIP	· · · · · · · · · · · · · · · · · · ·		***************	Other (Provide Description)
ATC CONES	+Shfell Equi	7/12/PV			Million bastad er sand enemy om progress van school 4 de ercher van een Armain de een sinders van de erchers sinders de een de een van de een va
			1 (C.1)	**	
10 0915	1500		Monitoring		Maintenance
		K	Sampling		Other (Provide Description)
			Alarm Response		
10 0845	1415	K	Monitoring		Maintenance
10 0845	1415	<u> </u>	Monitoring Sampling		Maintenance Other (Provide Description)
	10 0915	100915 1500	110 0915 1500 X	Sampling	Sampling Sampling

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR S	ITE VIS	IT (CHECK BOX BELOW)
KH	9/17/10 1436	1530	Monitoring		Maintenance
jus (just das viscous processo) eta justi dan paza processo da des visas en esta esta combinar en entre en esta de des de esta esta esta en es	ent formation de genérales e conservants d'abres et étrat acceler et étrat de la conservation de la conserva	AND THE STATE OF T	Sampling	X	Other (Provide Description)
o keel sõukta eli jost 100 augus mortuus paraksi johtuud kajtaksitaksi kajata ja talkuseen eestusti taksi 100 k met konstana		Pendag sand a bendag dat and a sand a	Alarm Response		Company of the second contract of the second
		olarni. Investig	America I game at 1 or 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
KII.BC, KMK	9/24/10 0800	1500	Monitoring		Maintenance
,			Sampling	X	Other (Provide Description)
Mentioners and secretaries and shifted to the second secretaries and second second second second second second			Alarm Response		_
COMPANIES DE LOS DELOS DE LOS DE LOS DE LOS DE LOS DE LOS DELOS DE LOS DELOS DE LOS DELOS DE					ningspoors hie month proving one of common front plans plans and a help considerable succession of considerable shock the
DG, RBA	9/27/10 0800	1418	Monitoring		Maintenance
neen soona waxaa ee suurkookka kiiri kakiika ku ka ahakka ka	na analysis on accessors on social social control of the control o	orizad <mark>decembratis des socialis en l'ant de des de l'antenny des des les constitues de des des la little de l'anten de l'antendad de socialis de l'antendad de l'antendad</mark>	Sampling		Other (Provide Description)
			Alarm Response		
Description: Continu	o italiated I ac	on of sue sys	ten.		

DAIEIIM	E ON-SITE	TIME OFFSITE		REASON FOR SI	TE VIS	IT (CHECK BOX BELOW)
1/27/10	0845	1230	K	Monitoring	1	Maintenance
Limite mesence of head mesences recovered			4	Sampling		Other (Provide Description
STANCESCULIA ARTECOSCUCENTA CONTRACTOR CONTR	604 UP-00-51400: 67 ENGO-4110 GREAT VAN SEZ-2008 FAC-4-7, RAB-DI			Alarm Response		and the second sec
sling + E	she ch	Carlo Combana				
petron.						
i de se la companya de la companya d	<u> </u>	115.00		Monitorina		Maintenance
				Sampling	T/V	Other (Provide Description)
	NO. OF THE PROPERTY OF THE PRO			Alarm Resnonse		
MARKAGE CONTRACTOR AND	I . 31 11				manusia la parismena	CONTRACTOR CONT
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and and the same	ST MICATI			· · · · · · · · · · · · · · · · · · ·		
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eren sundarved to kill	The second of th			·		
				gymentasinkast, savalinnasiassa sammassa Antas si cicamensa yirosin maskinasiansi		Maintenance
139/1008	<u> </u>		> 4 15 1	Monitoring Sampling		Maintenance Other (Provide Description)
				Monitoring	X	S CONTROL CONT
	ling to	leng + SHe ch	ling + site check.	ling + 8He Check.	Sampling Alarm Response Alarm Response Alarm Response Alarm Response	Sampling Alarm Response Alarm Response Monitoring Sampling Alarm Response Alarm Response

PERSONNEL ON-SITE	DATE/TIME ON-SITE	TIME OFFSITE	REASON FOR	SITE VIS	IT (CHECK BOX BELOW)
NG/PB	9/30/10 0800	1400	Monitoring		Maintenance
			Sampling	X	Other (Provide Description)
			Alarm Response		The service was a security to the second by the collection in each of the collection in the collection of the second coll
Description: Comple	te Sue systa	EM Inshall	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	ann a commune a mhù gairt a a mhù de ann	
age.	.				
To Carrie	9130110 1030	11300	Monitoring		Maintenance
те досубно объясняе правина в бите и до в тот места дине станов станов станов станов станов станов станов станов с Станов станов	оской филом често для образований открытительной открытительн	OMERICA (MICHAEL MARCHAEL) (MICHAEL MARCHAEL MAR	Sampling	V	Other (Provide Description)
	ling and the second of the sec				
Description: Remov	E Skid Steer	Equipment fr.	Alarm Response	5pp 8 5	of DEbre Fron
6 (f. l.)			om site. De	500 S E	
Description: Remov	e Skid 3teer	Equipment fiz.	Monitoring	3po 5 5	of Debre from
6 (f. l.)			om site. De	SP0 8 5	
SAB	9/30/10 1245	1315	Monitoring ✓ Sampling Alarm Response		Maintenance Other (Provide Description)
SAB Description: Collect	9/30/10 1245 a Samae AS D		Monitoring ✓ Sampling Alarm Response		Maintenance Other (Provide Description)
SAB	9/30/10 1245 a Samae AS D	1315	Monitoring ✓ Sampling Alarm Response		Maintenance Other (Provide Description)
SAB Description: Collect	9/30/10 1245 a Samae AS D	1315	Monitoring ✓ Sampling Alarm Response		Maintenance Other (Provide Description)
SAB Description: Collect	9/30/10 1245 a Samae AS D	1315	Monitoring ✓ Sampling Alarm Response		Maintenance Other (Provide Description)

		EM MONITORING LOG			
DATE	3 25 10 KS	4/29/10 KS	Sano KS	06/24/10 KS	7,68/10 KS
TIME	0880	109301	0000	10400	0845
RW-1			oversomen and de provincia de la company de la company La company de la company d		
Flow Rate (gpm)	79.42	138	128,63	124.45 apm	[2].(0
Total Flow (gal)	233773456 014	237609744@095	242917712604		26.38430006198
Depth to Water (feet)		12.98	13.39	13.41	13.4
Water Column Above Pump (feet)		Anna Anna Anna Anna Anna Anna Anna Anna	- Academic of the control of the cold	Memory and an annual section of the company of the	Top classification and the second
Pump Pressure (psi)	33 psi	19	18 ps1	17,5 25	17051
RW-2				·	
Flow Rate (gpm)	66,42.	The manager of the second seco	menty action of the control of the c	And to an experimental processing fraction for the experimental processing fraction of	**Calculation Calculation of the
Total Flow (gal)	129900797 0135	- State of the sta	heavelphotographic can delay help (esseppesconitations and consideration and consid	ne out the little label to the entire the the label to the entire little label to the entire label to the
Bicycle Pump Pressure Reading (psi) つてい ー		Transportuni kangga papulika selekti 200 MA.	www.gcggggickamessAttivavikitockgis.gcg	-don-consequence-c	ACOMORPHY SAMPHANING
Water Column Above Pump (ft H₂O)(psi x 2.31)	and an interest to the analysis of the analysi	entimetros anguar en	new Addition of the State Stat	out-side entities to have the state of the section	suppressing page action and
Pump Pressure (psi)	65 pst	15		(5	May have the second and second as the second
Air Stripping Tower (ST-1)	*				
Stripper Inlet (Combined Influent) Pressure (psi)	13000	13	13 psi	(3psi	12 5
Transfer Pump (P-1) Outlet Pressure (psi)	22,2 (25)	22.1	22 051	22051	22 ps1
Sump Level (inches)	20''	J.O''	20"	20"	ao
Discharge Speed (%)	52.3	48.5	48.7 %	47.0%	36.9 %
Air Stripping Tower (ST-2)					
Stripper Inlet Pressure (psi)	22,2 ps)	22.1	22 481	22091	22,51
Transfer Pump (P-2) Outlet Pressure (psi)	45051	33	28 001	AS psi	22 051
Sump Level (inches)	22'	21	21"	21"	21
Discharge Speed (%)	79.2	79.2	67,3 %	48,0 %	61,49,
Air Stripper Blower (B-1)					######################################
Moisture Knockout Influent (ST-2 Effluent) Vacuum (inches H ₂ O)	2.5 much 420	3 such H20	2.5" HZO	3" H20	3,5
Blower Influent Vacuum (inches H ₂ 0)	· Newor	reas	,cappedellination	, and proposition of the second	ORDINARY:
Blower Effluent Pressure (inches H ₂ O)	9 / 000	8 - 43	7, 3	7.2" H20	7.2 420
Blower Effluent Velocity (feet/minute)	3425/2998	3356	3132	3785	4395
Blower Effluent Temperature (°F)	69° / 70.08°	76.7 F	70 °F	81,3° F	81,0°
Blower Effluent Flow Rate (ft ³ /minute)		12.3-5			39/
Treated Water Discharge	*				
Flow Rate (gpm)	161,73	144.2	133,74	127.43 apm	123,93gpm
Total Flow (gal)	3572165120 09	364420768@	3699336400947	अरहार के १९९६	381160000000.54

		191EM MONHORING LOG		AND THE RESIDENCE OF THE PARTY	
DATE	30510 KS	4/29/10 KS	5/27/10 KS	6/24/10 KS	7/28/10 45
TIME	1 0930	0930	0900	6900	10895
Vapor Phase Carbon					
Lead vessel pressure (inchesH ₂ O)	8	7.5	16,5	1 ~7	* The state of the
Lead vessel temperature (°F)	69 5	70°	72°	89°	88
Lag vessel pressure (inches H ₂ O)	4,5	3.5	3.5	3,55	
Lag vessel temperature (°F)	59°	65°	and the second s	80°	80°
Catridge Filter System					
Inlet Pressure (psi)					
Outlet Pressure (psi)					
Pressure Differential (psi)		and the second s			
Process Sampling Performed					
(Monthly) Combined Influent (VOCs, TAL Inorganics, pH)	(00)7-	1035	1039	1009	1217
(Monthly) Combined Effluent (VOCs)	1017	1042	1055	1025	1230
(Monthly) Influent Vapor (VOCs)	11057 1106	1142	1106	1123	1243
(Monthly) Mid-fluent Vapor (VOCs)	1112-1113	1133	1126	<u> </u>	1258
(Monthly) Effluent Vapor (VOCs)	1116-1117	1126	1136	1133	1307.
(Quarterly) Influent RW-1 (VOCs, TAL Inorganics, pH)	1039			1038	
(Quarterly) Influent RW-2 (VOCs, TAL Inorganics, pH)	1050			ger state i konstruit (tradit (tribitation)).	
(Quarterly) Mid-fluent (VOCs)	1026			1018	
(Quarterly) Effluent (TAL Inorgaincs)	1017			1025	
(Semi-Annual) Effluent (pH, COD, TSS TDS)			440 Miles Called Called Annual Called		
(Semi-Annual) Effluent (Field Test - DO, Conductivity, turbidity, chlorine) COMMENTS				1025	

GIRTIO RWZ REMAINS OFF.

DATE	18/31/10 KS	9/27/10 KS			
TIME	0815	0845			
				1	
RW-1	s coming many terminals.	The same of the same	······································	T	
Flow Rate (gpm)		115,31	AND HER HAND AND AND AND AND AND AND AND AND AND		The state of the s
Total Flow (gal)	259663776@lol5	(
Depth to Water (feet)	13.17	13.12			
Water Column Above Pump (feet)	Conjugate Colorina (processor policy)	emphilidalphiliphuny	·		
Pump Pressure (psi)	11703/				
RW-2	·				
Flow Rate (gpm)			HITTENSOM U SKISTOMPZEP FOR TOPEN MANOUS MANGENSOM PREVIEW ROMBODINEN HIS CHROME EVALUARIEM		
Total Flow (gal)	www.comensusestanterations.com	**************************************			
Bicycle Pump Pressure Reading (psi)	**************************************	word of the state	······		
Water Column Above Pump (ft H ₂ O)(psi x 2.31)	**Confection				
Pump Pressure (psi)	Ann season				
Air Stripping Tower (ST-1)	-				
Stripper Inlet (Combined Influent) Pressure (psi)	13	13			
Transfer Pump (P-1) Outlet Pressure (psi)	Jan Lun	2-2-	**************************************		
Sump Level (inches)	20	20			
Discharge Speed (%)	1666	46.3			
Air Stripping Tower (ST-2)					
Stripper Inlet Pressure (psi)	Jose Timo	22			
Transfer Pump (P-2) Outlet Pressure (psi)	Time Lawre	21			
Sump Level (inches)	and the second	20	7//		
Discharge Speed (%)		0:0			
Air Stripper Blower (B-1)				Q0000000000000000000000000000000000000	
Moisture Knockout Influent (ST-2 Effluent) Vacuum (inches H ₂ O)	de Con	3.5			
Blower Influent Vacuum (inches H₂0)	Colores (state	, consideration			
Blower Effluent Pressure (inches H₂O)	1 2 m	7.2			
Blower Effluent Velocity (feet/minute)	3335	3355			
Blower Effluent Temperature (°F)	83.S	76,8			
Blower Effluent Flow Rate (ft³/minute)	290	157.5			
Treated Water Discharge		A STATE OF THE PROPERTY OF THE	0.0000000000000000000000000000000000000		
Flow Rate (gpm)	120,19	119-,00			
Total Flow (gal)	38712758481023	3917158400010	(DIPOLATE AND ADDRESS AND ADDR		

	er Automotion de la company de	a la constituent mandre de mante de mante de la constituent de la			Annual contraction of the second contraction
DATE	<u>83110 KS</u>	9 22 10 KS			
TIME	6815	0845			
Vapor Phase Carbon					
		T	· · · · · · · · · · · · · · · · · · ·	T	T
Lead vessel pressure (inchesH ₂ O)		6.5			
Lead vessel temperature (°F)	890	72°			
Lag vessel pressure (inches H ₂ O)		3,5			
Lag vessel temperature (°F)	lgo ^e	7 <i>8-</i> °			
Catridge Filter System					
Inlet Pressure (psi)					
Outlet Pressure (psi)					
Pressure Differential (psi)					
Process Sampling Performed		Control of the contro		POOR SAN	
(Monthly) Combined Influent (VOCs, TAL Inorganics, pH)	@ 1041	@ 1022			
(Monthly) Combined Effluent (VOCs)	@ 1048	@ 1035			
(Monthly) Influent Vapor (VOCs)	@ 1107	@ 1116			
(Monthly) Mid-fluent Vapor (VOCs)	@ 1114	@ 1127			
(Monthly) Effluent Vapor (VOCs)	@ 1123	@ 1137			
(Quarterly) Influent RW-1 (VOCs, TAL Inorganics, pH)		@ 1048			
(Quarterly) Influent RW-2 (VOCs, TAL Inorganics, pH)		C management of the control of the c			
(Quarterly) Mid-fluent (VOCs)		@ 1100			
(Quarterly) Effluent (TAL Inorgaincs)		@ 1035			
(Semi-Annual) Effluent (pH, COD, TSS TDS)					
(Semi-Annual) Effluent (Field Test - DO, Conductivity, turbidity, chlorine)					
COMMENTS					

COMMENTS					
83110 Suste	im Conacing Normi	I on A-KLIDAI	+ departors.		
aloring Sus	tem conning mor		11 Thomas		
110-1112 272		MARY ORD MARK TOP			
		per respetation in application and the strong per a			
NEW DEPOSITS OF THE PROPERTY O					
MANDALZA-MINISTERIO MENO COMO POR CONTRACTOR					
			(0.1	COLOR SECURITY SECURI	

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
				RW-1235405/68
4/12/10 1000	4/21/10@1230	video t exe	-rut Effloent line tork forblack.	
4/29/10 1300	4/29/10 1326	KOD	Emplu	RW 1 237634048
	6/10/10 0900	HH/AS#1	Pampdown /restart	RW 1 245434208
7/15/10 @ 915	7-15-10 1400	A CONTRACTOR OF THE PARTY OF TH	Paintina PVC PiDia	Rx(251636528
7-16-10 @ 825	7,5-10 1320		1/ ///	RV1 251771616
NO-4-10 R0940	10-4-10 @ 1/31	Tran Farit	RC3 Betay 6 Stars 6 Statem	RW/ 265272202
10/26/10 @ 1423	10-26-10 1545	Replace Ports		268896224
10/28/10 @ 1244	16/28/10 1400	Eq. 8 c		269199840
	, ,			
The second secon				
Consider the first and the second consideration and the second depth and a little of the second dep				

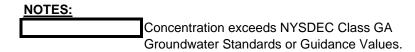
ATTACHMENT E

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	7/28/2010	8/31/2010	9/27/2010	STANDARDS AND
COLLECTED BY	D&B	D&B	D&B	GUIDANCE VALUES
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOCs	, G	, o		, - ,
Dichlorodifluoromethane	U	U	U	5 GV
Chloromethane	0.52 J	U	U	
Vinyl Chloride	1.5 J	1.6 J	1.5 J	2 ST
Bromomethane	U	U	U	5 ST
Chloroethane	U	U	U	5 ST
Trichlorofluoromethane	U	U	U	5 ST
1,1 Dichloroethene	U	U	U	5 ST
Methylene Chloride	U	U	U	5 ST
trans-1,2-Dichloroethene	U	U	U	5 ST
1,1 Dichloroethane	U	U	U	5 ST
Chloroform	U	U	U	7 ST
1,2 Dichloroethane	U	U	U	0.6 ST
1,1,1 Trichloroethane	U	U	U	5 ST
Carbon Tetrachloride	U	U	U	5 ST
Trichloroethlyene	58	56	60	5 ST
1,2 Dichloropropane	U	U	U	1 ST
Bromodichloromethane	U	U	U	5 ST
2-Chloroethyl Vinyl Ether	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
Dibromochloromethane	U	U	U	50 GV
Bromoform	U	U	U	50 GV
Tetrachloroethene	340	310	310	5 ST
Chlorobenzene	U	U	U	5 ST
1,1,2,2 Tetrachloroethane	U	U	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
Total VOCs	400.02	367.6	371.5	



ABBREVIATIONS:

ug/L: Micrograms per liter

--: Not established

ST: Standard Value

GV: Guidance Value

QUALIFIERS:

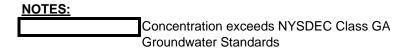
U: Compound analyzed for but not detected.

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

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	
SAMPLE TYPE	WATER	WATER	WATER	NYSDEC CLASS GA
DATE OF COLLECTION	7/28/2010	8/31/2010	9/27/2010	GROUNDWATER
COLLECTED BY	D&B	D&B	D&B	STANDARDS
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)
INORGANIC COMPOUNDS				
Aluminum	U	U	U	
Antimony	U	U	U	3
Arsenic	U	U	U	25
Barium	15.8	16.0	16.3	1,000
Beryllium	U	U	U	
Cadmium	U	U	U	5
Calcium	21,200	21,500	21,400	
Chromium	U	U	U	
Cobalt	U	U	U	
Copper	14.3	8.2 J	12.2	200
Iron	134	142	181	300
Lead	U	U	6.7 J	25
Magnesium	3,440	3,410	3,490	
Manganese	924	981	985	300
Mercury	U	U	U	0.7
Nickel	U	U	U	100
Potassium	2,580	2,550	2,660	
Selenium	U	U	U	10
Silver	U	0.3 J	U	50
Sodium	24,200	23,500	24,000	20,000
Thallium	U	U	U	
Vanadium	U	U	1.3 J	
Zinc	130	156	127	
Iron and Manganese	1,058	1,123	1,166	500
GENERAL CHEMISTRY				
pH (S.U.)	6.61	6.13	7.52	6.5 - 8.5
				1



ABBREVIATIONS:

ug/L: Micrograms per liter

--: Not established

S.U.: Standard units

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 MIDFLUENT ANALYSIS - VOLATILE ORGANIC COMPOUNDS**

SAMPLE ID	AS-MID	
SAMPLE TYPE	WATER	NYSDEC CLASS GA
DATE OF COLLECTION	9/27/2010	GROUNDWATER STANDARDS
COLLECTED BY	D&B	AND GUIDANCE VALUES
UNITS	(ug/L)	(ug/L)
VOCs	(ug/L)	
Dichlorodifluoromethane	U	5 GV
Chloromethane	U	5 G V
Vinyl Chloride	U	2 ST
Bromomethane	U	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	0.8 J	5 ST
1,2 Dichloropropane	U.0.0	1 ST
Bromodichloromethane	U	5 ST
2-Chloroethyl Vinyl Ether	Ü	5 ST
c 1,3 Dichloropropene	Ü	0.4 ST
t 1,3 Dichloropropene	Ü	0.4 ST
1,1,2 Trichloroethane	Ü	1 ST
Dibromochloromethane	Ü	50 GV
Bromoform	Ü	50 GV
Tetrachloroethene	2.7 J	5 ST
Chlorobenzene	Ü	5 ST
1,1,2,2 Tetrachloroethane	Ü	5 ST
1,3 Dichlorobenzene	Ü	3 ST
1,4 Dichlorobenzene	Ü	3 ST
1,2 Dichlorobenzene	Ü	3 ST
Total VOCs	3.5	

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standards or CRDL, value estimated **Guidance Values**

QUALIFIERS:

U: Compound analyzed for but not detected J: Compound found at a concentration below

ABBREVIATIONS:

ug/L = Micrograms per liter ST: Standard Value --: Not established 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	COMB EFF	
SAMPLE TYPE	WATER	WATER	WATER	NYSDEC
DATE OF	7/28/2010	8/31/2010	9/27/2010	Site Specific
COLLECTED BY	D&B	D&B	D&B	Effluent Limitation
UNITS	(ug/L)	(ug/L)	(ug/L)	
VOCs	` * /	, ,	, ,	(ug/L)
Dichlorodifluoromethane	U	U	U	NL
Chloromethane	0.44 J	U	0.22 J	NL
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	NL
Chloroethane	U	U	U	NL
Trichlorofluoromethane	U	U	U	NL
1,1 Dichloroethene	U	U	U	NL
Methylene Chloride	U	U	U	NL
trans-1,2-Dichloroethene	U	U	U	10*
1,1 Dichloroethane	U	U	U	NL
Chloroform	U	U	U	NL
1,2 Dichloroethane	U	U	U	NL
1,1,1 Trichloroethane	U	U	U	5
Carbon Tetrachloride	U	U	U	NL
Trichloroethlyene	U	U	U	10
1,2 Dichloropropane	U	U	U	NL
Bromodichloromethane	U	U	U	NL
2-Chloroethyl Vinyl Ether	U	U	U	NL
c 1,3 Dichloropropene	U	U	U	NL
t 1,3 Dichloropropene	U	U	U	NL
1,1,2 Trichloroethane	U	U	U	NL
Dibromochloromethane	U	U	U	NL
Bromoform	U	U	U	NL
Tetrachloroethene	U	U	0.5 J	4
Chlorobenzene	U	U	U	NL
1,1,2,2 Tetrachloroethane	U	U	U	NL
1,3 Dichlorobenzene	U	U	U	NL
1,4 Dichlorobenzene	U	U	U	NL
1,2 Dichlorobenzene	U	U	U	NL
Total VOCs	0.44	0	0.72	

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

QUALIFIERS:

ug/L = Micrograms per liter

U: Compound analyzed for but not detected

NL - No limit specified J: Compound

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

SAMPLE ID	COMB EFF	
SAMPLE TYPE	WATER	NYSDEC
DATE OF COLLECTION	9/27/2010	Site Specific
COLLECTED BY	D&B	Effluent Limitation
UNITS	(ug/L)	7
INORGANIC COMPOUNDS		(ug/L)
Aluminum	U	4,000
Antimony	U	NL
Arsenic	U	140
Barium	12	NL
Beryllium	U	NL
Calcium	21,500	NL
Cadmium	U	30
Cobalt	U	NL
Chromium	U	NL
Copper	U	38
Iron	139	4,000
Lead	3 J	NL
Potassium	2,670	NL
Magnesium	3,480	NL
Mercury	U	NL
Manganese	485	2,000
Nickel	U	65
Silver	U	9
Zinc	U	370
Thallium	U	NL
Selenium	U	NL
Vanadium	U	NL
Sodium	23,800	NL
GENERAL CHEMISTRY		
pH (S.U.)	7.52	6-9

NOTES:	
	Concentration
	exceeds NYSDEC
	Site Specific
	Effluent Limitation

QUALIFIERS:

U: Compound analyzed for but not detected.

EC 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

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	7/28/2010			8/31/2010		9/27/2010	
BLOWER VELOCITY (FEET/MIN)	4,395		3,335		3,355		NYSDEC Permit Equivalency Limit
BLOWER FLOW RATE (FT ³ /MIN)		1,394		1,058		1,064	
	Concentration	Loading Rate	Concentration	Loading Rate	Concentration	Loading Rate	(lbs/hr)
UNITS	(ug/m ³)	(lb/hr)	(ug/m³)	(lb/hr)	(ug/m ³)	(lb/hr)	
VOCs	, , ,	` ′	,	` '	,	` ′	
t 1,3 Dichloropropene	U		U		U		
Freon 114	U		U		U		
Acetone	U		U		U		
Ethanol	U		U		360	1.4E-03	
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 U		
2-Hexanone	U U		U U		1,700 D	1.4E-03	
Isopropyl Alcohol Methylene Chloride	U		U		1,700 D U	1.4E-03	
Benzene	U		U		U		
Benzyl Chloride	U		U		U		
Styrene	Ü		Ü		Ü		
1,1,2,2 Tetrachloroethane	Ŭ		Ŭ		Ŭ		
Tetrachloroethene	1,700	8.9E-03	2,400	9.5E-03	1,500	6.0E-03	7.0E-03
Tetrahydrofuran	U		U		U		
Toluene	U		U		U		
1,2,4 Trichlorobenzene	U		U		U		
1,1,1 Trichloroethane	U		U		U		1.0E-03
1,1,2 Trichloroethane	U		U		U		
Trichloroethlyene	390	2.0E-03	440	1.7E-03	340	1.4E-03	6.0E-03
1,2,4 Trimethylbenzene	U		U		U		
1,3,5 Trimethylbenzene	U		U		U		
Vinyl Acetate	U		U		U		=
Vinyl Chloride	U		15	5.9E-05	12	4.8E-05	1.4E-02
o-Xylene	U U		U U		U U		1.0E-03
Methyl tert-butyl ether 1,2,2 Trifluoro-1,1,2 Tricloroethane	U		U		U		
m + p Xylene	U		U		U		1.0E-03
Bromodichloromethane	U		U		U		1.0L-03
1,2 Dibromoethane	Ü		Ü		Ü		
Methyl Ethyl Ketone	Ü		Ü		Ü		
4-Methyl-2-Pentanone	Ü		Ü		Ü		
Bromoform	Ü		Ü		Ü		
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		
Chlorosonthono	U		U		U		
Chloromethane Propene	U U		U U		U U		
Cyclohexane	U		U		U		
1,2 Dichlorobenzene	U		U		U		
1,3 Dichlorobenzene	U		U		U		
1,4 Dichlorobenzene	Ü		Ü		Ü		
Dichlorodifluoromethane	Ü		Ü		Ü		
1,1 Dichloroethane	Ü		Ü		Ü		
1,2 Dichloroethane	U		U		U		
1,1 Dichloroethene	Ü		Ü		Ü		
cis-1,2-Dichloroethene	640		700		780		
trans-1,2-Dichloroethene	U		U		U		
1,2-Dichloroethene (total)	640	3.3E-03	700	2.8E-03	780	3.1E-03	3.0E-03
1,2 Dichloropropane	U		U		U		
c 1,3 Dichloropropene	U		U		U		
Total VOCa	U 2.720	1.45.00	U	1.45.00	U 4.602	1.05.00	E OF 04
Total VOCs	2,730	1.4E-02	3,555	1.4E-02	4,692	1.9E-02	5.0E-01

ABBREVIATIONS: ug/m³ - 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	7/28/2010			8/31/2010		9/27/2010	
BLOWER VELOCITY (FEET/MIN)	4,395			3,335		3,355	
BLOWER FLOW RATE (FT ³ /MIN)	1,394		1,058		1,064		Equivalency Limit (lbs/hr)
	Concentration	Loading Rate	Concentration	Loading Rate	Concentration	Loading Rate	(105/111)
UNITS	(ug/m ³)	(lb/hr)	(ug/m³)	(lb/hr)	(ug/m³)	(lb/hr)	
VOCs							
t 1,3 Dichloropropene	U		U		U		
Freon 114	U		U		U		
Acetone	U		U		U		
Ethanol	43 J*	2.2E-04	U		820	3.3E-03	
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		5,100 D	3.3E-03	
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	U		U		30	1.2E-04	7.0E-03
Tetrahydrofuran	U		U		U		
Toluene	U		U		U		
1,2,4 Trichlorobenzene	U		U		U		
1,1,1 Trichloroethane	U		U		9.9	4.0E-05	1.0E-03
1,1,2 Trichloroethane	U		U		U		
Trichloroethlyene	240	1.3E-03	190	7.5E-04	410	1.6E-03	6.0E-03
1,2,4 Trimethylbenzene	U		U		U		
1,3,5 Trimethylbenzene	U		U		U		
Vinyl Acetate	U		U		U		
Vinyl Chloride	19	9.9E-05	13	5.2E-05	17	6.8E-05	1.4E-02
o-Xylene	U		U		U		1.0E-03
Methyl tert-butyl ether	U		U		U		
1,2,2 Trifluoro-1,1,2 Tricloroethane	U		U		U		
m + p Xylene	U		U		U		1.0E-03
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	Ū		U		Ū		
Dibromochloromethane	U		U		U		
Chloroethane	Ū		U		Ū		
Chloroform	Ü		U		Ü		
Chloromethane	Ü		Ü		Ü		
Propene	Ü		Ü		Ü		
Cyclohexane	Ü		Ü		Ü		
1,2 Dichlorobenzene	Ü		Ü		Ü		
1,3 Dichlorobenzene	Ü		Ü		Ü		
1,4 Dichlorobenzene	Ü		Ü		Ü		
Dichlorodifluoromethane	Ü		Ü		Ü		
1,1 Dichloroethane	Ü		Ü		Ü		
1,2 Dichloroethane	Ü		Ü		Ü		
1,1 Dichloroethene	Ü		Ü		Ü		
cis-1,2-Dichloroethene	930		850		1,200		
trans-1,2-Dichloroethene	550		550		8.3		
1,2-Dichloroethene (total)	930	4.9E-03	850	3.4E-03	1208.3	4.8E-03	3.0E-03
1,2 Dichloropropane	U		U	5	U		5.52 55
c 1,3 Dichloropropene	U		U		U		
Total BTEX	Ü		Ü		Ü		
Total VOCs	1,232	6.4E-03	1,053	4.2E-03	7,595	3.0E-02	5.0E-01
. 5.61 7 5 5 5	1,202	∪.⊤∟ ∪∪	1,000	1.2L UU	1,000	U.UL UZ	0.0L 01

ABBREVIATIONS: ug/m³ - 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
- J*: Analyte qualified as estimated based on laboratory calibration

ACTIVE INDUSTRIAL UNIFORM SITE

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

SAMPLE ID	VPCV-EFF		VPCV-EFF		VPCV-EFF		
SAMPLE TYPE	AIR		AIR	AIR		AIR	
DATE OF COLLECTION	7/28/2010		8/31/2010		9/27/2010		NYSDEC Permit
BLOWER VELOCITY (FEET/MIN)	4,395	5	3,335		3,355		Equivalency Discharge
BLOWER FLOW RATE (FT ³ /MIN)	1,394	4	1,058	3	1,064	1	Limit
	Concentration	Emission Rate	Concentration	Emission Rate	Concentration	Emission Rate	(lbs/hr)
UNITS	(ug/m³)	(lb/hr)	(ug/m ³)	(lb/hr)	(ug/m ³)	(lb/hr)	
VOCs	, ,	Ì	,	, ,	,	` '	
t 1,3 Dichloropropene	U		U		U		
Freon 114	U		U		U		
Acetone	U		U		U		
Ethanol	87 J*	4.5E-04	31 U	1.2E-04	740	3.0E-03	
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		4,200 D	1.7E-02	
Methylene Chloride	U		U		15	6.0E-05	
Benzene	U		U		U		
Benzyl Chloride	U		U		U		
Styrene	U		U		U		
1,1,2,2 Tetrachloroethane	U		U		U		7.05.00
Tetrachloroethene	U		U		U		7.0E-03
Tetrahydrofuran	U		U		U		
Toluene	U		U		U		
1,2,4 Trichlorobenzene 1,1,1 Trichloroethane	U		U U		U U		1.0E-03
1,1,2 Trichloroethane	U		U		U		1.0E-03
Trichloroethlyene	29	1.5E-04	45	1.8E-04	120	4.8E-04	6.0E-03
1,2,4 Trimethylbenzene	U	1.5E-04	45 U	1.66-04	120 U	4.00-04	0.0E-03
1,3,5 Trimethylbenzene	U		U		U		
Vinyl Acetate	U		U		U		
Vinyl Chloride	19	9.9E-05	22	8.7E-05	17	6.8E-05	1.4E-02
o-Xylene	U	3.5L 05	U	0.7 2 00	u U	0.02 00	1.0E-03
Methyl tert-butyl ether	Ü		O		Ü		1.02 03
1,2,2 Trifluoro-1,1,2 Tricloroethane	Ü		U		Ü		
m + p Xylene	Ü		Ü		Ü		1.0E-03
Bromodichloromethane	Ü		Ü		Ü		1102 00
1,2 Dibromoethane	Ü		Ü		Ü		
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	U		U		U		
1,4 Dichlorobenzene Dichlorodifluoromethane	U		U U		U U		
1.1 Dichloroethane	U		U		U		
1,2 Dichloroethane	U		U		U		
1,1 Dichloroethene	Ü		Ü		Ü		
cis-1,2-Dichloroethene	700	3.7E-03	1,100	4.4E-03	1,700	6.8E-03	
trans-1,2-Dichloroethene	U		9.9	3.9E-05	9.5	3.8E-05	
1,2-Dichloroethene (total)	700	3.7E-03	1,110	4.4E-03	1709.5	6.8E-03	3.0E-03
1,2 Dichloropropane	U		U		U		
c 1,3 Dichloropropene	U		U		U		
Total BTEX	U		U		U		
Total VOCs	835	4.4E-03	1,208	4.8E-03	6,802	2.7E-02	5.0E-01

ABBREVIATIONS:

ug/m³ - 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
- J*: Analyte qualified as estimated based on laboratory calibration

ATTACHMENT F

DATA VALIDATION CHECKLISTS

Project Name:	Active Industrial aka Lindenh	urst
Project Number:	2578-04	
Sample Date(s):	July 28, 2010	
Matrix/Number of Samples:	Water/ 2(Combined and Efflu Trip Blank/ 0	ent)
Analyzing Laboratory:	TestAmerica Laboratories, Sh	elton, CT
Analyses:		(VOCs): USEPA method 624 ethod 6010B and mercury by USEPA SW 846
Laboratory Report No:	220-12878	Date:8/12/2010

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
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD	·				X

VOCs - volatile organic compounds

%D - percent difference %RSD - percent relative standard deviation RRF - relative response factor RPD - relative percent difference

%R - percent recovery 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
4. Matrix Spike sample %R					X
5. Duplicate %RPD					X
6. Field duplicates RPD				1	X

%R - percent recovery

%D - percent difference

RPD - relative percent difference

Comments:

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 3/2/2011
VALIDATION PERFORMED BY SIGNATURE:	12~R

Project Name:	Active Industrial	
Project Number:	2578-04	
Sample Date(s):	July 28, 2010	
Matrix/Number of Samples:	<u>Air/ 3</u>	
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT	*
Analyses:	Volatile Organic Compounds (VOCs): TC	015
Laboratory Report No:	Н0Н030459	Date:8/6/2010

ORGANIC ANALYSES VOCS

	Rep	Reported		rmance eptable	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 with the following exceptions:

The laboratory used a one-point calibration for ethanol and ethanol was qualified as estimated (J/UJ) in all samples.

6. Tetrahydrofuran was below the QC limits in the LCS associated with all samples. 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 11/18/2010
VALIDATION PERFORMED BY SIGNATURE:	2-R-

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	August 31, 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:	220-13227 Date:9/15/2010

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 %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	
4. Matrix Spike sample %R					X	
5. Duplicate %RPD					X	
6. Field duplicates RPD					X	

%R - percent recovery

%D - percent difference

RPD - relative percent difference

Comments:

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 3/2/2011
VALIDATION PERFORMED BY SIGNATURE:	elen ~ R

Project Name:	Active Industrial			
Project Number:	2578-04			
Sample Date(s):	August 31, 2010			
Matrix/Number of Samples:	Air/ 3			
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT			
Analyses:	Volatile Organic Compounds (VOCs): T	O15		
Laboratory Report No:	H0I030552	Date:9/16/2010		

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:

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 11/18/2010
VALIDATION PERFORMED BY SIGNATURE:	el-R

Project Name:	Active Industrial aka Lindenhurst
Project Number:	2578-04
Sample Date(s):	September 27, 2010
Matrix/Number of Samples:	Water/ 4(RW, Combined, Midfluent and Effluent) Trip Blank/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	<u>Volatile Organic Compounds (VOCs):</u> USEPA method 624 <u>Metals:</u> by USEPA SW 846 method 6010B and mercury by USEPA SW 846 method 7470A
Laboratory Report No:	220-13468 Date:10/13/2010

ORGANIC ANALYSES VOCS

	Rep	Reported		rmance eptable	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 %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

			Perfor	mance	
·	Repo	orted	Acce	otable	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
4. Matrix Spike sample %R					X
5. Duplicate %RPD					X
6. Field duplicates RPD					X

%R - percent recovery

%D - percent difference

RPD - relative percent difference

Comments:

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 3/2/2011
VALIDATION PERFORMED BY SIGNATURE:	10 m/dm

Project Name:	Active Industrial		
Project Number:	2578-04		
Sample Date(s):	September 27, 2010		
Matrix/Number of Samples:	<u>Air/ 3</u>		
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT		
Analyses:	Volatile Organic Compounds (VOCs): TO15		
Laboratory Report No:	H0I300454	Date:10/8/2010	

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

RPD - relative percent difference

Comments:

Performance was acceptable with the following exception:

Sample results associated with compound that exhibited a concentration greater than the linear range of the instrument calibration are summarized in the following table.

Sample ID	Compound	Original Analysis (ppb(v/v)-ug/m3)	Diluted Analysis (ppb(v/v)-ug/m3)	Reported Analysis (ppb(v/v)-ug/m3)
INFLUENT	Isopropyl alcohol	800-2000 E	680-1700D	680-1700D
MID FLUENT	Isopropyl alcohol	1500-3800 E	2100-5100D	2100-5100D
TOTOTOL T TOO PER	Isopropyl alcohol	1500-3600 E	1700-4200D	1700-4200D
EFFLUENT	Cis-1,2-dichloroethene	420-1700 E	440-1800D	440-1800D

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 11/18/2010
VALIDATION PERFORMED BY SIGNATURE:	10 ~ R

[%]D - percent difference

RRF - relative response factor

[%]R - percent recovery

[%]RSD - percent relative standard deviation