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October 31, 2008

Brian Jankauskas
New York State Department of Environmental Conservation
Remedial Bureau A
Division of Environmental Remediation, 11th Floor
625 Broadway, Albany, NY 12233-7015

Re: Anchor Lith Kem Ko Site
Round One Groundwater Sampling

Dear Mr. Jankauskas:

Earth Tech Northeast has completed the Phase I investigations at the Anchor Lith Kem Ko Site in Hicksville, NY. A Site location map is presented in Figure 1. Seven Solinst continuous multi-channel tubing (CMT) wells were installed at the Site. The Draft September 26, 2008 Letter Report has been edited based on comments provided to Earth Tech dated October 7, 2008.

Monitoring Well Installation and Development

Seven Solinst CMT Multilevel Systems (PW01 to PW07) were installed by SGS Environmental Services, Inc. The locations of the CMTs are shown on Figure 2.

Drilling was accomplished using a CME-1050 drill rig. Each CMT boring was advanced using a combination of 6¼-inch hollow stem augers (HSAs) and 4-inch spin casing. HSAs were advanced into the water table (approximately 65 feet below ground surface [ft bgs]) in order to seal off the unsaturated soils. The boring then continued to the targeted depth using water injected spin casing. Downhole geophysical logging was performed at PW05, PW06 and PW07 by Aqua Terra Geophysics inside the spin casing. Copies of the geophysical logs are included in Appendix A. Once the geophysical logging was completed, CMT installation continued. The CMT device was installed in the casing in accordance with the Solinst CMT Multilevel System Assemble Manual. Boring logs are included in Appendix B.

The well installation and development activities began on March 10, 2008 and were completed on June 13, 2008. Drilling and installation of PW03 was performed from March 4, 2008 to March 20, 2008, PW02 from March 31 to April 7, PW04 from April 8 to April 11, PW07 from April 14 to April 21, PW01 from April 22 to April 28, PW06 from May 19 to June 2, and PW05 from June 3 to June 13.

Wells PW03, PW02, PW04, PW07 and PW01 were developed within two weeks of installation. Development was completed between April 29 and May 7, 2008. PW05 and PW06 were developed between June 10 and June 13, 2008. Different lengths of Solinst Model 408M 3/8-inch diameter flexible micro double valve pumps constructed of stainless steel and LDPE were used to purge each channel. The goal of the development effort was to achieve a turbid free or low turbid flow of groundwater from the sampling port. Along with turbidity other parameters recorded were temperature, conductivity, dissolved oxygen (DO), pH, and oxidation-reduction potential (ORP). In cases where the field parameters did not

stabilize, development efforts were limited to 2.5 hours or three well casing volumes, whichever came first. Development logs are in Appendix C.

Groundwater Elevations

Groundwater level measurements were collected prior to development, at the start of the Phase I sampling and again on September 16, 2008. A summary of groundwater level measurements are shown in Table 1. Table 1 also lists the elevation (NAVD 88 [North American Vertical Datum, 1988]) of water table for each location and the elevation of the screened interval.

The general flow direction is to the south. The water table is very flat across the study area as shown on Figure 3. The groundwater flow direction is to the south which is consistent with previous investigations. The gradient at the Site is approximately 0.0047. The gradients are slightly higher on the former Anchor Lith Kem Ko Site (now the Cookie Factory) and are slightly lower south of West John Street (the locations of the CMTs).

On-site monitoring wells were screened at two depths: approximately 63 - 53 ft (NAVD 88), and 21 to 11 ft NAVD 88.

Each CMT has seven separate screened intervals which are listed on Table 1. The first 6 channels are each two feet in length. The lowest (7^{th} or center) channel is 6-inches in length. The CMT screen depths vary between locations. At PW01, the screen intervals are approximately: 67 to 65 ft NAVD 88, 57 to 55 NAVD 88, 37 to 35 ft NAVD 88, 27 to 25 ft NAVD 88, 17 to 15 ft NAVD 88, 6.5 to 6 ft NAVD 88. For CMTs PW02, PW03 and PW04, the screened intervals are approximately 65 to 63 ft NAVD 88, 49 to 47 ft NAVD 88, 35 to 33 ft NAVD 88, 20 to 18 ft NAVD 88, 5 to 3 ft NAVD 88, and -26.5 to -27 ft NAVD 88. For CMTs PW05, PW06 and PW07 the screen intervals are approximately: 63 to 61 ft NAVD 88, 43 to 41 ft NAVD 88, 15 to 14 ft NAVD 88, -17 to -19 ft NAVD 88, -33 to -35 ft NAVD 88, -47 to -49 ft NAVD 88, and -87.5 to -80 ft NAVD 88.

Groundwater Sampling

An initial round of groundwater samples were collected from each of the seven channels of the seven CMT wells (PW01 to PW07). Seven additional monitoring wells (MW-4, MW-5S, MW-5D, MW-6S, MW-6D, MW-7S, and MW-7D) on the former Anchor Lith Kem Ko property (currently the Cookie Factory) were also sampled. The seven monitoring wells were sampled using low-flow techniques in accordance with the USEPA low-flow procedures outlined in the FAP. Four monitoring wells previously known to exist at the Site could not be located: MW-1S, MW-1D, MW-2 and MW-3. It appears that MW-2 and MW-3, located in front of the building along West John Street, were paved over. A well was located in the vicinity of well cluster MW-1; however, the casing was blocked a few feet below grade and the depth could not be measured. The paired well could not be located. Consequently, the well that was found could not be identified or sampled.

The groundwater sampling activities were performed from July 2, 2008 to July 18, 2008. CMT sampling was conducted using a modified version of the low-flow techniques. Individual CMT channels are too narrow for both a pump and a water level meter. Consequently, the water level could not be monitored during sampling to verify that drawdown during purging was less than 0.3 ft. The Solinst 408M is a gas driven pump. An Earth Tech representative monitored purge rates and adjusted the pump rates

accordingly to minimize any contact with the gas. The use of high purity nitrogen was a precautionary step to maintain the integrity of the samples. The maximum flow rate from a Solinst 408M pump is approximately 80 to 90 milliliters per minute (mL/min). Field parameters (turbidity, temperature, conductivity, DO, pH, and ORP) were measured during sampling. Samples were collected after the measurements had stabilized over three consecutive readings. In cases where the stabilization parameters were not met, purging efforts were limited to 1 hour. Different lengths of Model 408M 3/8-inch diameter flexible micro double valve pumps constructed of stainless steel and LDPE were used to collect samples from each channel. Pumps were decontaminated after each application using Alconox solution and water. Groundwater samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260 and TAL Metals by EPA method 6010/7141. Groundwater sampling forms are included in Appendix D.

Groundwater Analytical Results

Data validation was performed on all groundwater data by Analytical Assurance Associates. A Data Usability Summary Report (DUSR) was prepared and is included as Appendix E. Summary tables of the data are also included in Appendix E. As stated in the Work Assignment, contaminants of concern for the Site include 1,1,1-trichloroethane (1,1,1-TCA), methylene chloride, trichloroethene (TCE), tetrachloroethene (PCE), chromium and lead.

Monitoring Well Samples
A summary of detections found in the seven monitoring wells is shown on Table 2. VOCs were present in the sample from MW-7S. Acetone was detected at a concentration of 19 µg/L. Chloroform was detected at a concentration of 2.8 µg/L. Toluene was detected at a concentration of 8.1 µg/L which exceeded the NYSDEC Class GA criterion of 5 µg/L. VOCs were not detected in any other sample above the method detection limits.

Several metals were detected in monitoring wells samples. Aluminum, barium, calcium, cobalt, magnesium, manganese, nickel, potassium and zinc were detected in various wells at concentrations below their Class GA criterion and will not be discussed further. Iron and sodium were also detected in several monitoring wells at concentrations that occasionally exceeded the Class GA criteria; however, these are naturally occurring metals and will not be discussed further.

Cadmium was detected in two wells, MW-5D and MW-6D at concentrations of 6.2 µg/L and 17 µg/L, respectively, that exceeded the Class GA criterion of 5 µg/L. Chromium was detected in four of seven monitoring well samples. Chromium concentrations exceeded the Class GA criterion of 50 µg/L in these four samples with concentrations ranging from 91 µg/L to 220 µg/L.

CMT Samples
A summary of compounds that exceeded their Class GA criterion in CMT points is shown on Table 3. Concentrations of 2-butanone, 2-hexanone, chloroform, methylene chloride, methyl-tert-butyl ether (MTBE) and tert-butyl alcohol (TBA) were detected in a few samples at concentrations below their respective Class GA criterion and will not be discussed further (these compounds are not included in Table 3 but are shown on Appendix Table E-1). Several chlorinated VOCs were detected including 1,1,1-TCA, 1,1-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, PCE and TCE. A summary of total chlorinated VOCs is shown on Figure 4.

1,1,1-Trichloroethane was detected in nine of 49 CMT samples. Two of these samples exceeded the Class GA criterion of 5 µg/L. The highest concentration noted was 13 µg/L.

1,1-Dichloroethane was detected in nine of 49 CMT samples. Two of these samples exceeded the Class GA criterion of 5 µg/L. The highest concentration noted was 9.5 µg/L.

1,1-Dichloroethene was detected in five of 49 CMT samples. All five detections were at concentrations below the Class GA criterion of 5 µg/L.

Cis-1,2-dichloroethene was detected in on CMT sample at a concentration of 1.3 µg/L which is below the Class GA criterion of 5 µg/L.

PCE was detected in nine of 49 CMT samples. Three samples exceeded the 5 µg/L Class GA criterion: PW02-07 at 82 µg/L, 7.8 µg/L at PW03-07, and 130 µg/L at PW06-07.

TCE was detected in five of 49 CMT samples. Of these five samples only one, PW07-05 at 11 µg/L, exceeded the Class GA criterion of 5 µg/L.

Acetone was detected in 26 of 49 CMT samples. Of these 25 detections, 16 exceeded the Class GA criterion of 50 µg/L. Concentrations ranged from 17 µg/L at PW04-06 to 720 µg/L at PW02-06 with 10 samples at concentrations greater than 100 µg/L. Although acetone is a common laboratory/sampling artifact, the acetone detections found during this investigation appear to represent actual groundwater conditions south of the Site. Acetone was not used as a field decontamination solvent. As noted in the DUSR (Appendix E), acetone was not flagged as a possible laboratory artifact. Acetone was stored at the former Anchor Lith Kem Ko Site and is therefore a contaminant of concern. Lastly, the high concentrations noted in several samples (ten samples reported at concentrations above 100 µg/L) indicate that the detections represent actual groundwater conditions. A summary of acetone concentrations is shown on Figure 5.

Several metals were detected in CMT groundwater samples. Of the 23 TAL metals, antimony, beryllium silver and thallium were not detected in any sample. The following eight metals were detected at concentrations below their Class GA criterion or have no criterion: mercury, aluminum, cobalt, magnesium, potassium, vanadium, and zinc. Barium, calcium, iron, and manganese were detected in several samples and in some instances, exceeded their Class GA criterion; however, these are all commonly occurring elements in groundwater and will not be discussed further.

Arsenic was detected in 20 of 49 CMT samples at concentrations ranging from 4.2 µg/L to 280 µg/L. There were two exceedances of the arsenic criterion (25 µg/L) at PW05-06 (170 µg/L) and PW05-07 (280 µg/L).

Chromium was detected in four samples. Three of these samples exceeded the Class GA criterion of 50 µg/L: PW05-06 (440 µg/L), PW05-07 (400 µg/L), and PW06-04 (160 µg/L).

Copper was detected in two samples, both of which exceeded the Class GA criterion of 200 µg/L. Copper was found in PW05-06 (810 µg/L) and PW05-07 (660 µg/L).

Lead was detected in two samples, both of which exceeded the Class GA criterion of 25 µg/L. Lead was found in PW05-06 (400 µg/L) and PW05-07 (290 µg/L).

Nickel was detected in 13 of 49 CMT samples art concentrations ranging from 11 µg/L to 490 µg/L. Three samples exceeded the Class GA criterion of 100 µg/L: PW05-05 (120 µg/L), PW05-06 (490 µg/L) and PW05-07 (390 µg/L).

Discussion of Results

Only three VOCs were detected in on-site monitoring wells: acetone, chloroform, and toluene. Of these three compounds, only toluene (8.1 µg/L) exceeded the Class GA criterion of 5 µg/L. Chloroform was detected in only two off-site CMT samples at concentrations below the Class GA criterion. Toluene was not detected in any CMT sample.

Thirteen VOCs were detected in CMT groundwater samples. Six of these compounds were detected at concentrations below their Class GA criterion or the compound had no criterion. These include: 2-butanone, 2-hexanone, chloroform, methylene chloride, MTBE, and TBA.

Six chlorinated VOCs were detected in CMT samples. Two compounds, 1,1-dichloroethene and cis-1,2-dichloroethene, were detected at concentrations below the Class GA criterion of 5 µg/L. Three compounds, 1,1,1-TCA, 1,1-dichloroethane, and TCE, were detected at less than three times their Class GA criterion of 5µg/L. PCE was detected in nine of 49 CMT samples, of which three samples exceeded the Class GA criterion of 5 µg/L (7.8 µg/L, 82 µg/L, and 130 µg/L).

Seven CMT samples exceeded the Class GA criterion for individual chlorinated VOCs. Samples from two intervals at PW02 (100 ft and 160 ft) exceeded the Class GA criterion. The 100 ft bgs hit of 1,1,1-TCA corresponds to the hit from a previous study in 2003 that found 57 µg/L at this same interval near this location. In the nearest downgradient location, PW05, these concentrations appear to have dissipated and no longer exceed the criterion. The highest concentration of PCE (130 µg/L) was noted in PW06 at 220 ft bgs.

Acetone was detected in on-site monitoring well MW-7S and several CMT samples at concentrations ranging from below the Class GA criterion to significantly above the criterion. Acetone was detected in PW01 at 101 ft bgs at a concentration of 23 µg/L. In the next down downgradient row of CMTs, acetone is present in most of the samples in PW02 and PW03 with very high concentrations in the middle and lower sample points (115 to 160 ft bgs). Acetone is present in two sample points in PW04: 130 and 145 ft bgs. In the most downgradient row of CMTs, acetone is present in the two deepest sample points at PW05 (193 and 220 ft bgs). High concentrations of acetone are also present in PW06 at 150 to 180 ft bgs which is similar depth to the contamination found in PW02 and PW03. A high concentration of acetone is also present at the water table in PW07 (70 ft bgs). Acetone shows up sporadically to 220 ft bgs at PW07. The acetone plume may be contiguous from PW01 (110 ft bgs) to PW02/PW03/PW04 (115 to 160 ft bgs) to PW05/PW06/PW07 (150 to 220 ft bgs). The presence of acetone at PW07-01 (water table interval) appears to be an outlier as the concentration is almost an order of magnitude higher than any other water table sample.

Cadmium was detected above the Class GA criterion in on-site monitoring well samples MW-5D and MW-6D. Chromium was detected above the Class GA criterion in on-site monitoring well samples

MW-5S, MW-5D, MW-6D and MW-7D. A review of the field data collected during monitoring well purging indicates that turbidity in these samples was below the sampling criterion of 50 NTUs. Consequently, these cadmium and chromium exceedances may be representative of groundwater conditions beneath the Site.

Five TAL metals of concern were detected at concentrations greater than the Class GA criterion in off-site CMT samples. These include arsenic, chromium, copper, lead, and nickel. The exceedances are concentrated in two locations: the lower intervals at PW05, and mid-level at PW06. Nickel exceeded the criterion at PW05-05 (168 ft bgs). Samples PW05-06 (193 ft bgs) and PW05-07 (220 ft bgs) had exceedances of all five metals. Chromium exceeded the criterion at PW06-04 (150 ft bgs). The gamma log for PW05 indicates increasing clay content below 180 ft bgs which would include samples PW05-06 and PW05-07. A review of the turbidity readings for these samples indicates high turbidity (greater than 1,000 NTUs, the upper limit of the meter) was present in the affected CMT samples. Consequently, the reported metals values may be biased high due to suspended sediment in the samples and may not be indicative of the actual dissolved metals concentrations in groundwater. The acid preservative may also have reacted with the suspended sediment and affected the results, resulting in a biased high value.

Recommendations

The results of the on-site groundwater sampling indicate that metals are no longer a concern in Site monitoring wells. Cadmium was present in two monitoring wells slightly above the Class GA criterion. Chromium was found in four monitoring wells at concentrations ranging from approximately two to four times the criterion. These metals were not detected in off-site CMT sampling points except at PW05 in the deeper intervals (193 and 220 ft bgs). These off-site metals detections do not appear to be linked to the Anchor Lith Kem Ko Site. It is possible that the exceedances noted at PW05 are emanating from another source are located west of the Site or a result of turbidity.

The results of the on-site groundwater sampling indicate that VOCs are no longer a concern in Site monitoring wells. There was only one low concentration detection of toluene in MW-7S at 8.1 µg/L, slightly above the Class GA criterion. 1,1,1-TCA was not detected in any of the seven on-site monitoring wells sampled during this investigation. Downgradient of the Site, several chlorinated VOCs and acetone were detected above their Class GA criterion. However, there is not a clear link to the Site as evidenced by the lack of contaminants noted in any of the samples from PW01. Chlorinated VOCs and acetone begin to show up in samples from downgradient locations PW02, PW03 and PW04. Known contaminant sources to the west may be contributing to the chlorinated VOCs exceedances noted in the downgradient CMT sample locations.

The source of the acetone needs further investigation. Although acetone was present at the Site in a confirmed leaking underground storage tank (UST), the current link to downgradient locations is not clear. Acetone was not detected in any of the seven on-site monitoring wells. In addition, acetone was only detected in one interval at PW01, the closest downgradient CMT, at a depth of 100 ft bgs. However, the concentration was below the Class GA criterion. Acetone detections increase in both the number of detections and the overall concentrations in the CMTs further from the Site as shown in CMTs PW02, PW03 and PW04.

Earth Tech recommends that a second round of groundwater samples be collected from selected CMT intervals and monitoring wells to confirm the acetone and chromium concentrations detected during the first round of sampling.

Should you have any questions or need additional information, please contact me.

Very truly yours,
Earth Tech | AECOM

Paul Kareth
Project Manager

Enclosures

TABLE 1
ANCHOR LITH KEM KO SITE (Site 1-30-021)
GROUNDWATER ELEVATIONS

Well #	Reference Elevation	Date	Time	Depth to Water	Water Table Elevation	Screen Elevation Top	Screen Elevation Bottom	Comments
MW-4	137.50	7/2/08	8:35	59.00	78.50		53.10	
		9/16/08		58.56	78.94			
MW-5D	134.38	7/2/08	10:35	55.60	78.78		11.58	
		9/16/08		55.31	79.07			
MW-5S	134.12	7/1/08	11:00	55.45	78.67		51.12	
		9/16/08		55.08	79.04			
MW-6D	137.55	7/2/08	14:40	58.75	78.80		14.95	
		9/16/08						under a shipping container
MW-6S	137.37	7/2/08	16:30	58.57	78.80		53.57	
		9/16/08		56.39	80.98			
MW-7D	133.11	7/1/08	18:35	54.35	78.76		11.11	
		9/16/08		54.00	79.11			
MW-7S	133.55	7/1/08	15:30	54.80	78.75		51.95	
		9/16/08		54.04	79.51			
PW01-1	136.60	5/7/08	9:01	57.50	79.10	66.99	64.99	
		7/11/08	8:10	58.55	78.05			
		9/16/08		57.83	78.77			
PW01-2	136.60	5/7/08	10:25	58.00	78.60	56.99	54.99	
		7/11/08	9:40	58.55	78.05			
		9/16/08		57.83	78.77			
PW01-3	136.60	5/7/08	9:05	58.00	78.60	46.99	44.99	
		7/11/08	11:10	58.55	78.05			
		9/16/08		57.84	78.76			
PW01-4	136.60	5/7/08	12:15	58.00	78.60	36.99	34.99	
		7/11/08	8:20	58.55	78.05			
		9/16/08		57.85	78.75			
PW01-5	136.60	5/7/08	15:22	58.00	78.60	26.99	24.99	
		7/14/08	10:00	58.55	78.05			
		9/16/08		57.85	78.75			
PW01-6	136.60	5/7/08	13:10	58.00	78.60	16.99	14.99	
		7/11/08	9:45	58.55	78.05			
		9/16/08		57.85	78.75			

TABLE 1
ANCHOR LITH KEM KO SITE (Site 1-30-021)
GROUNDWATER ELEVATIONS

Well #	Reference Elevation	Date	Time	Depth to Water	Water Table Elevation	Screen Elevation Top	Screen Elevation Bottom	Comments
PW01-7	136.60	5/7/08	10:35	57.50	79.10	6.49	5.49	
		7/14/08	11:00	58.80	77.80			
		9/16/08		57.85	78.75			
PW02-1	134.62	4/30/08	8:30	56.00	78.62	64.13	62.13	
		7/9/08	15:20	58.55	76.07			
		9/16/08		56.37	78.25			
PW02-2	134.62	4/30/08	9:55	56.00	78.62	49.13	47.13	
		7/9/08	13:20	58.65	75.97			
		9/16/08		56.35	78.27			
PW02-3	134.62	4/30/08	13:00	56.00	78.62	34.13	32.13	
		7/10/08	9:10	58.70	75.92			
		9/16/08		56.39	78.23			
PW02-4	134.62	4/30/08	15:20	56.00	78.62	19.13	17.13	
		7/10/08	9:05	58.70	75.92			
		9/16/08		56.49	78.13			
PW02-5	134.62	4/30/08	7:45	56.00	78.62	4.13	2.13	
		7/9/08	13:30	58.70	75.92			
		9/16/08		56.20	78.42			
PW02-6	134.62	4/30/08	10:46	56.00	78.62	-10.87	-12.87	
		7/9/08	14:50	58.70	75.92			
		9/16/08		56.45	78.17			
PW02-7	134.62	4/30/08	14:40	56.00	78.62	-26.37	-27.37	
		7/10/08	13:00	58.70	75.92			
		9/16/08		56.51	78.11			
PW03-1	134.39	4/29/08	9:30	56.00	78.39	64.90	62.90	
		7/8/08	13:30	56.40	77.99			
		9/16/08		56.20	78.19			
PW03-2	134.39	4/29/08	11:45	56.00	78.39	49.90	47.90	
		7/8/08	11:35	56.50	77.89			
		9/16/08		56.25	78.14			
PW03-3	134.39	4/29/08	13:45	56.00	78.39	34.90	32.90	
		7/9/08	11:40	56.50	77.89			
		9/16/08		56.23	78.16			
PW03-4	134.39	4/30/08	8:50	56.00	78.39	19.90	17.90	
		7/8/08	12:50	56.55	77.84			
		9/16/08		56.25	78.14			

TABLE 1
ANCHOR LITH KEM KO SITE (Site 1-30-021)
GROUNDWATER ELEVATIONS

Well #	Reference Elevation	Date	Time	Depth to Water	Water Table Elevation	Screen Elevation Top	Screen Elevation Bottom	Comments
PW03-5	134.39	4/30/08	13:30	56.00	78.39	4.90	2.90	
		7/8/05	14:45	56.25	78.14			
		9/16/08			134.39			
PW03-6	134.39	5/1/08	7:30	56.00	78.39	-10.10	-12.10	
		7/9/08	9:00	56.65	77.74			
		9/16/08		56.29	78.10			
PW03-7	134.39	5/1/08	9:55	56.00	78.39	-25.10	-27.10	
		7/9/08	10:20	56.60	77.79			
		9/16/08		56.39	78.00			
PW04-1	130.88	5/2/08	9:10	52.00	78.88	60.22	58.22	
		7/15/08	15:30	53.00	77.88			
		9/16/08		52.50	78.38			
PW04-2	130.88	5/2/08	10:50	52.00	78.88	45.22	43.22	
		7/15/08	16:00	53.10	77.78			
		9/16/08		52.51	78.37			
PW04-3	130.88	5/5/08	8:31	52.00	78.88	30.22	28.22	
		7/15/08	15:15	53.10	77.78			
		9/16/08		52.50	78.38			
PW04-4	130.88	5/5/08	11:10	52.00	78.88	15.22	13.22	
		7/16/08	9:05	53.10	77.78			
		9/16/08		52.58	78.30			
PW04-5	130.88	5/5/08	14:05	52.00	78.88	0.22	-1.78	
		7/16/08	10:40	53.10	77.78			
		9/16/08		52.58	78.30			
PW04-6	130.88	5/6/08	7:30	52.00	78.88	-14.78	-16.78	
		7/16/08	8:40	53.10	77.78			
		9/16/08		52.62	78.26			
PW04-7	130.88	5/6/08	12:00	52.00	78.88	-30.28	-31.28	
		7/16/08	10:30	53.10	77.78			
		9/16/08		52.58	78.30			
PW05-1	132.59	6/13/08	7:20	54.80	77.79	62.61	60.61	
		7/17/08	16:00	55.50	77.09			
		9/16/08		55.10	77.49			

TABLE 1
ANCHOR LITH KEM KO SITE (Site 1-30-021)
GROUNDWATER ELEVATIONS

Well #	Reference Elevation	Date	Time	Depth to Water	Water Table Elevation	Screen Elevation Top	Screen Elevation Bottom	Comments
PW05-2	132.59	6/12/08	8:00	54.80	77.79	37.61	35.61	
		7/18/08	7:05	55.50	77.09			
		9/16/08		55.10	77.49			
PW05-3	132.59	6/12/08	8:15	54.80	77.79	12.61	10.61	
		7/17/08	16:05	55.50	77.09			
		9/16/08		55.14	77.45			
PW05-4	132.59	6/12/08	8:05	54.80	77.79	-12.39	-14.39	
		7/18/08	7:25	55.50	77.09			
		9/16/08		55.12	77.47			
PW05-5	132.59	6/12/08	8:00	54.80	77.79	-37.39	-39.39	
		7/18/08	10:20	55.70	76.89			
		9/16/08		55.12	77.47			
PW05-6	132.59	6/12/08	8:20	54.80	77.79	-62.39	-64.39	
		7/18/08	11:35	56.00	76.59			
		9/16/08		55.64	76.95			
PW05-7	132.59	6/12/08	8:10	54.80	77.79	-89.39	-90.39	
		7/18/08	8:25	58.80	73.79			
		9/16/08		57.47	75.12			
PW06-1	132.27	6/10/08	8:20	54.50	77.77	62.83	60.83	
		7/16/08	14:30	55.00	77.27			
		9/16/08						paved over
PW06-2	132.27	6/10/08	10:40	54.50	77.77	42.83	40.83	
		7/16/08	15:45	55.00	77.27			
		9/16/08						paved over
PW06-3	132.27	6/10/08	12:42	54.50	77.77	14.83	12.83	
		7/16/08	14:25	55.00	77.27			paved over
		9/16/08						
PW06-4	132.27	6/10/08	16:15	54.50	77.77	-17.17	-19.17	
		7/17/08	8:00	55.10	77.17			
		9/16/08						paved over
PW06-5	132.27	6/11/08	8:10	54.50	77.77	-33.17	-35.17	
		7/17/08	10:30	55.20	77.07			
		9/16/08						paved over
PW06-6	132.27	6/10/08	11:50	54.50	77.77	-47.17	-49.17	
		7/17/08	7:55	55.20	77.07			
		9/16/08						paved over

TABLE 1
ANCHOR LITH KEM KO SITE (Site 1-30-021)
GROUNDWATER ELEVATIONS

Well #	Reference Elevation	Date	Time	Depth to Water	Water Table Elevation	Screen Elevation Top	Screen Elevation Bottom	Comments
PW06-7	132.27	6/10/08	15:50	54.50	77.77	-87.17	-88.17	
		7/17/08	10:50	55.20	77.07			
		9/16/08						paved over
PW07-1	129.25	5/2/08	9:40	52.00	77.25	59.64	57.64	
		7/14/08	14:45	51.50	77.75			
		9/16/08		51.43	77.82			
PW07-2	129.25	5/2/08	11:20	52.00	77.25	34.64	32.64	
		7/15/08	8:20	51.80	77.45			
		9/16/08		51.43	77.82			
PW07-3	129.25	5/5/08	8:15	51.00	78.25	9.64	7.64	
		7/14/08	15:00	51.80	77.45			
		9/16/08		51.52	77.73			
PW07-4	129.25	5/5/08	11:33	52.00	77.25	-15.36	-17.36	
		7/15/08	9:30	52.00	77.25			
		9/16/08		51.52	77.73			
PW07-5	129.25	5/5/08	15:00	51.00	78.25	-40.36	-42.36	
		7/15/08	10:50	52.00	77.25			
		9/16/08		51.58	77.67			
PW07-6	129.25	5/6/08	9:27	52.00	77.25	-67.36	-69.36	
		7/15/08	9:55	52.50	76.75			
		9/16/08		52.04	77.21			
PW07-7	129.25	5/6/08	13:02	52.00	77.25	-90.36	-91.36	
		7/15/08	12:40	52.50	76.75			
		9/16/08		52.12	77.13			

Notes:
All water table measurements taken from top of PVC riser or CMT riser, unless otherwise noted.

MW-1S and MW-1D are damaged or missing; can't determine which one was located due to obstruction in well.

Cannot locate MW-2 or MW-3.

Screen length of 10 ft assumed for all monitoring wells at the former Anchor Lith Kem Ko Site.

TABLE 2
ANCHOR LITH KEM KO (SITE 1-30-021)
GROUNDWATER EVALUATION
SUMMARY OF VOLATILE ORGANIC COMPOUNDS AND METALS IN MONITORING WELL SAMPLES

Sample Location		MW-4		MW-5S		MW-5D		MW-6S		MW-6D		MW-7S		MW-7D	
Sample ID	NYSDEC	MW-4		MW-5S		MW-5D		MW-6S		MW-6D		MW-7S		MW-7D	
Screen interval (ft bgs)	Class GA	74 - 84		73 - 83		112 - 122		72 - 82		112 - 122		72 - 82		112 - 122	
Laboratory ID	Groundwater	AC38518-008		AC38518-001		AC38518-009		AC3854-004		AC3854-003		AC38518-005		AC38518-006	
Sample Date	Criteria	7/3/08		7/3/08		7/3/08		7/2/08		7/2/08		7/3/08		7/3/08	
Matrix	water	water		water		water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds															
Acetone	50	ND		ND		ND		ND		ND		19		ND	
Chloroform	7	ND		ND		ND		ND		ND		2.8		ND	
Toluene	5	ND		ND		ND		ND		ND		***8.1***		ND	
TAL Metals															
Aluminum	NC	ND		ND		170		ND		270		250		ND	
Barium	1,000	54	J	160	J	83	J	87		31		46	J	110	J
Cadmium	5	ND		ND		***6.2***		ND		***17***		ND		ND	
Calcium	NC	14,000	J	7,200	J	4,600	J	14,000		11,000		14,000	J	7,600	J
Chromium	50	ND		***140***	***J***	***150***	***J***	ND		***91***		ND		***220***	***J***
Cobalt	NC	ND		ND		ND		ND		ND		ND		11	
Iron	300	180	J	***660***	***J***	***940***	***J***	ND		***640***		***4,300***	***J***	***1,300***	***J***
Magnesium	35,000	2,000		ND		ND		2,300		1,400		1,300		1,200	
Manganese	300	ND		ND		ND		ND		ND		32		81	
Nickel	100	12		ND		29		ND		16		ND		57	
Potassium	NC	ND		3,800		2,700		2,600		2,500		3,100		ND	
Sodium	20,000	***21,000***		6,400		***43,000***		13,000		14,000		***21,000***		***41,000***	
Zinc	2,000	ND		ND		ND		ND		28		240		ND	

Screen lengths are asumed to be 10 ft
NC - No criterion
J - Estimated value
ND - Not detected
Bold/Italics indicates exceedances

TABLE 3
ANCHOR LITH KEM KO (SITE 1-30-021)
GROUNDWATER EVALUATION
SUMMARY OF EXCEEDANCES
VOLATILE ORGANIC COMPOUNDS AND METALS IN CMT GROUNDWATER SAMPLES

Sample Location		PW-01		PW-01		PW-01		PW-01		PW-01		PW-01		PW-01	
CMT Sample ID	NYSDEC	PW-01-01		PW-01-02		PW-01-03		PW-01-04		PW-01-05		PW-01-06		PW-01-07	
CMT screen interval (ft bgs)	Class GA	70-72		80-82		90-92		100-102		110-112		120-122		130-132	
Laboratory ID	Groundwater	AC38653-001		AC38653-003		AC38653-008		AC38653-002		AC38711-001		AC38653-004		AC38711-002	
Sample Date	Criteria	7/11/08		7/11/08		7/11/08		7/11/08		7/14/08		7/11/08		7/14/08	
Matrix	water	water		water		water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds															
1,1,1-Trichloroethane	5	ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethane	5	ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethene	5	ND		ND		ND		ND		ND		ND		ND	
Acetone	50	ND		ND		ND		23		ND		ND		ND	
cis-1,2-Dichloroethene	5	ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	5	ND		ND		ND		ND		ND		ND		ND	
Total Chlorinated VOCs		ND		ND		ND		ND		ND		ND		ND	
TAL Metals															
Arsenic	25	ND		ND		7.1		ND		ND		ND		4.2	
Chromium	50	ND		ND		ND		ND		ND		ND		ND	
Copper	200	ND		ND		ND		ND		ND		ND		ND	
Lead	25	ND		ND		ND		ND		ND		ND		ND	
Nickel	100	ND		ND		ND		ND		ND		ND		ND	

J - Estimated value
ND - Not detected
Bold/Italics indicates exceedances

TABLE 3
ANCHOR LITH KEM KO (SITE 1-30-021)
GROUNDWATER EVALUATION
SUMMARY OF EXCEEDANCES
VOLATILE ORGANIC COMPOUNDS AND METALS IN CMT GROUNDWATER SAMPLES

Sample Location		PW-02		PW-02		PW-02		PW-02		PW-02		PW-02	
CMT Sample ID	NYSDEC	PW-02-01		PW-02-02		PW-02-03		PW-02-04		PW-02-05		PW-02-06		PW-02-07	
CMT screen interval (ft bgs)	Class GA	71-73		86-88		101-103		116-118		131-133		146-148		160-162	
Laboratory ID	Groundwater	AC38637-002		AC38601-008		AC38637-004		AC38637-003		AC38601-009		AC38637-001		AC38637-005	
Sample Date	Criteria	7/9/08		7/9/08		7/10/08		7/10/08		7/9/08		7/9/08		7/10/08	
Matrix	water	water		water		water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds															
1,1,1-Trichloroethane	5	ND		ND		***13***		ND		ND		ND		ND	
1,1-Dichloroethane	5	ND		ND		***9.5***		ND		ND		ND		ND	
1,1-Dichloroethene	5	ND		ND		2		ND		ND		ND		ND	
Acetone	50	28		27		30		***230***		ND		***720***		***79***	
cis-1,2-Dichloroethene	5	ND		ND		ND		ND		ND		ND		1.3	
Tetrachloroethene	5	ND		ND		ND		ND		ND		3		***82***	
Trichloroethene	5	ND		ND		ND		ND		ND		ND		2.4	
Total Chlorinated VOCs		ND		ND		***24.5***		ND		ND		3		***85.7***	
TAL Metals															
Arsenic	25	ND		7		ND		ND		ND		4.4		6.8	
Chromium	50	ND		ND		ND		ND		ND		ND		ND	
Copper	200	ND		ND		ND		ND		ND		ND		ND	
Lead	25	ND		ND		ND		ND		ND		ND		ND	
Nickel	100	ND		ND		ND		ND		15		ND		ND	

J - Estimated value
ND - Not detected
Bold/Italics indicates exceedances

TABLE 3
ANCHOR LITH KEM KO (SITE 1-30-021)
GROUNDWATER EVALUATION
SUMMARY OF EXCEEDANCES
VOLATILE ORGANIC COMPOUNDS AND METALS IN CMT GROUNDWATER SAMPLES

Sample Location		PW-03		PW-03		PW-03		PW-03		PW-03		PW-03		PW-03	
CMT Sample ID	NYSDEC	PW-03-01		PW-03-02		PW-03-03		PW-03-04		PW-03-05		PW-03-06		PW-03-07	
CMT screen interval (ft bgs)	Class GA	70-72		85-87		100-102		115-117		130-132		145-147		160-162	
Laboratory ID	Groundwater	AC38601-003		AC38601-001		AC38601-005		AC38601-002		AC38601-004		AC38601-006		AC38601-007	
Sample Date	Criteria	7/8/08		7/8/08		7/9/08		7/8/08		7/8/08		7/9/08		7/9/08	
Matrix	water	water		water		water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds															
1,1,1-Trichloroethane	5	1.5		1.2		***9.7***		ND		ND		ND		ND	
1,1-Dichloroethane	5	ND		2.3		4.6		ND		ND		ND		ND	
1,1-Dichloroethene	5	ND		ND		1.1		ND		ND		ND		ND	
Acetone	50	38		37		ND		***130***		***73***		***200***		***560***	
cis-1,2-Dichloroethene	5	ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	ND		ND		ND		ND		ND		ND		***7.8***	
Trichloroethene	5	ND		ND		ND		ND		ND		ND		ND	
Total Chlorinated VOCs		1.5		3.5		***15.4***		ND		ND		ND		***7.8***	
TAL Metals															
Arsenic	25	ND		7.9		ND		ND		ND		ND		5.9	
Chromium	50	ND		ND		ND		ND		ND		ND		ND	
Copper	200	ND		ND		ND		ND		ND		ND		ND	
Lead	25	ND		ND		ND		ND		ND		ND		ND	
Nickel	100	13		ND		ND		ND		12		ND		ND	

J - Estimated value
ND - Not detected
Bold/Italics indicates exceedances

TABLE 3
ANCHOR LITH KEM KO (SITE 1-30-021)
GROUNDWATER EVALUATION
SUMMARY OF EXCEEDANCES
VOLATILE ORGANIC COMPOUNDS AND METALS IN CMT GROUNDWATER SAMPLES

Sample Location		PW-04	PW-04	PW-04	PW-04	PW-04	PW-04	PW-04
CMT Sample ID	NYSDEC	PW-04-01	PW-04-02	PW-04-03	PW-04-04	PW-04-05	PW-04-06	PW-04-07
CMT screen interval (ft bgs)	Class GA	71-73	86-88	101-103	116-118	131-133	146-148	161-163
Laboratory ID	Groundwater	AC38739-001	AC38739-003	AC38739-002	AC38739-005	AC38739-009	AC38739-006	AC38739-008
Sample Date	Criteria	7/15/08	7/15/08	7/15/08	7/16/08	7/16/08	7/16/08	7/16/08
Matrix	water	water	water	water	water	water	water	water
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Volatile Organic Compounds								
1,1,1-Trichloroethane	5	2.5	ND	ND	ND	ND	ND	2.5
1,1-Dichloroethane	5	1.1	ND	ND	ND	ND	ND	1
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	***96 J***	17	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND
Total Chlorinated VOCs		3.6	ND	ND	ND	ND	ND	3.5
TAL Metals								
Arsenic	25	5.1	ND	ND	ND	6.7	ND	ND
Chromium	50	ND	ND	ND	ND	ND	ND	ND
Copper	200	ND	ND	ND	ND	ND	ND	ND
Lead	25	ND	ND	ND	ND	ND	ND	ND
Nickel	100	11	ND	ND	ND	ND	ND	13

J - Estimated value
ND - Not detected
Bold/Italics indicates exceedances

TABLE 3
ANCHOR LITH KEM KO (SITE 1-30-021)
GROUNDWATER EVALUATION
SUMMARY OF EXCEEDANCES
VOLATILE ORGANIC COMPOUNDS AND METALS IN CMT GROUNDWATER SAMPLES

Sample Location		PW-05		PW-05		PW-05		PW-05		PW-05		PW-05		PW-05	
CMT Sample ID	NYSDEC	PW-05-01		PW-05-02		PW-05-03		PW-05-04		PW-05-05		PW-05-06		PW-05-07	
CMT screen interval (ft bgs)	Class GA	68.5-70.5		93.5-95.5		118.5-120.5		143.5-145.5		168.5-170.5		193.5-195.5		220.5-221.5	
Laboratory ID	Groundwater	AC38771-006		AC38492-001		AC38771-007		AC38492-002		AC38492-007		AC38492-008		AC38492-006	
Sample Date	Criteria	7/17/08		7/18/08		7/17/08		7/18/08		7/18/08		7/18/08		7/18/08	
Matrix	water	water		water		water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds															
1,1,1-Trichloroethane	5	ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethane	5	ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethene	5	ND		ND		ND		ND		ND		ND		ND	
Acetone	50	ND		ND		ND		ND		ND		***130***		***94***	***J***
cis-1,2-Dichloroethene	5	ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	ND		ND		ND		1.8		1.2		ND		1.4	
Trichloroethene	5	ND		ND		ND		ND		ND		ND		ND	
Total Chlorinated VOCs		ND		ND		ND		1.8		1.2		ND		1.4	
TAL Metals															
Arsenic	25	ND		ND		5.4		6		5.5		***170***		***280***	
Chromium	50	ND		ND		ND		ND		ND		***440***		***400***	
Copper	200	ND		ND		ND		ND		ND		***810***		***660***	
Lead	25	ND		ND		ND		ND		ND		***400***		***290***	
Nickel	100	15		ND		ND		ND		***120***		***490***		***390***	

J - Estimated value
ND - Not detected
Bold/Italics indicates exceedances

TABLE 3
ANCHOR LITH KEM KO (SITE 1-30-021)
GROUNDWATER EVALUATION
SUMMARY OF EXCEEDANCES
VOLATILE ORGANIC COMPOUNDS AND METALS IN CMT GROUNDWATER SAMPLES

Sample Location		PW-06		PW-06		PW-06		PW-06		PW-06		PW-06		PW-06	
CMT Sample ID	NYSDEC	PW-06-01		PW-06-02		PW-06-03		PW-06-04		PW-06-05		PW-06-06		PW-06-07	
CMT screen interval (ft bgs)	Class GA	70-72		90-92		118-120		150-152		166-168		180-182		221-222	
Laboratory ID	Groundwater	AC38739-010		AC38739-012		AC38739-011		AC38771-002		AC38771-003		AC38771-001		AC38771-004	
Sample Date	Criteria	7/16/08		7/16/08		7/16/08		7/17/08		7/17/08		7/17/08		7/17/08	
Matrix	water	water		water		water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds															
1,1,1-Trichloroethane	5	ND		4.2		3.5		ND		ND		ND		ND	
1,1-Dichloroethane	5	ND		***7.2***		1.7		ND		ND		ND		ND	
1,1-Dichloroethene	5	ND		2.3		1.8		ND		ND		ND		ND	
Acetone	50	ND		20		ND		***300***	***J***	***320***	***J***	***360***	***J***	ND	
cis-1,2-Dichloroethene	5	ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	ND		ND		ND		ND		ND		1.1		***130***	
Trichloroethene	5	ND		ND		2.6		ND		ND		ND		ND	
Total Chlorinated VOCs		ND		***13.7***		9.6		ND		ND		1.1		***130***	
TAL Metals															
Arsenic	25	ND		5.9		ND		5.8		5.6		9.3		ND	
Chromium	50	ND		42		ND		***160***		ND		ND		ND	
Copper	200	ND		ND		ND		ND		ND		ND		ND	
Lead	25	ND		ND		ND		ND		ND		ND		ND	
Nickel	100	ND		ND		ND		91		49		87		12	

J - Estimated value
ND - Not detected
Bold/Italics indicates exceedances

TABLE 3
ANCHOR LITH KEM KO (SITE 1-30-021)
GROUNDWATER EVALUATION
SUMMARY OF EXCEEDANCES
VOLATILE ORGANIC COMPOUNDS AND METALS IN CMT GROUNDWATER SAMPLES

Sample Location		PW-07		PW-07		PW-07		PW-07		PW-07		PW-07		PW-07	
CMT Sample ID	NYSDEC	PW-07-01		PW-07-02		PW-07-03		PW-07-04		PW-07-05		PW-07-06		PW-07-07	
CMT screen interval (ft bgs)	Class GA	70-72		95-97		120-122		145-147		170-172		197-199		220-221	
Laboratory ID	Groundwater	AC38711-003		AC38711-005		AC38711-004		AC38711-006		AC38711-008		AC38711-007		AC38711-012	
Sample Date	Criteria	7/14/08		7/15/08		7/14/08		7/15/08		7/15/08		7/15/08		7/15/08	
Matrix	water	water		water		water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds															
1,1,1-Trichloroethane	5	ND		2		ND		ND		ND		ND		ND	
1,1-Dichloroethane	5	3.1		1.3		ND		ND		ND		ND		ND	
1,1-Dichloroethene	5	3.6		ND		ND		ND		ND		ND		ND	
Acetone	50	***210***		ND		***77***		20		ND		***78***		39	
cis-1,2-Dichloroethene	5	ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	ND		ND		ND		ND		1.5		ND		ND	
Trichloroethene	5	3.2		ND		ND		ND		***11***		ND		1.6	
Total Chlorinated VOCs		9.9		3.3		ND		ND		***12.5***		ND		1.6	
TAL Metals															
Arsenic	25	9		ND		ND		ND		ND		ND		4.5	
Chromium	50	ND		ND		ND		ND		ND		ND		ND	
Copper	200	ND		ND		ND		ND		ND		ND		ND	
Lead	25	ND		ND		ND		ND		ND		ND		ND	
Nickel	100	ND		ND		ND		ND		ND		ND		ND	

J - Estimated value
ND - Not detected
Bold/Italics indicates exceedances

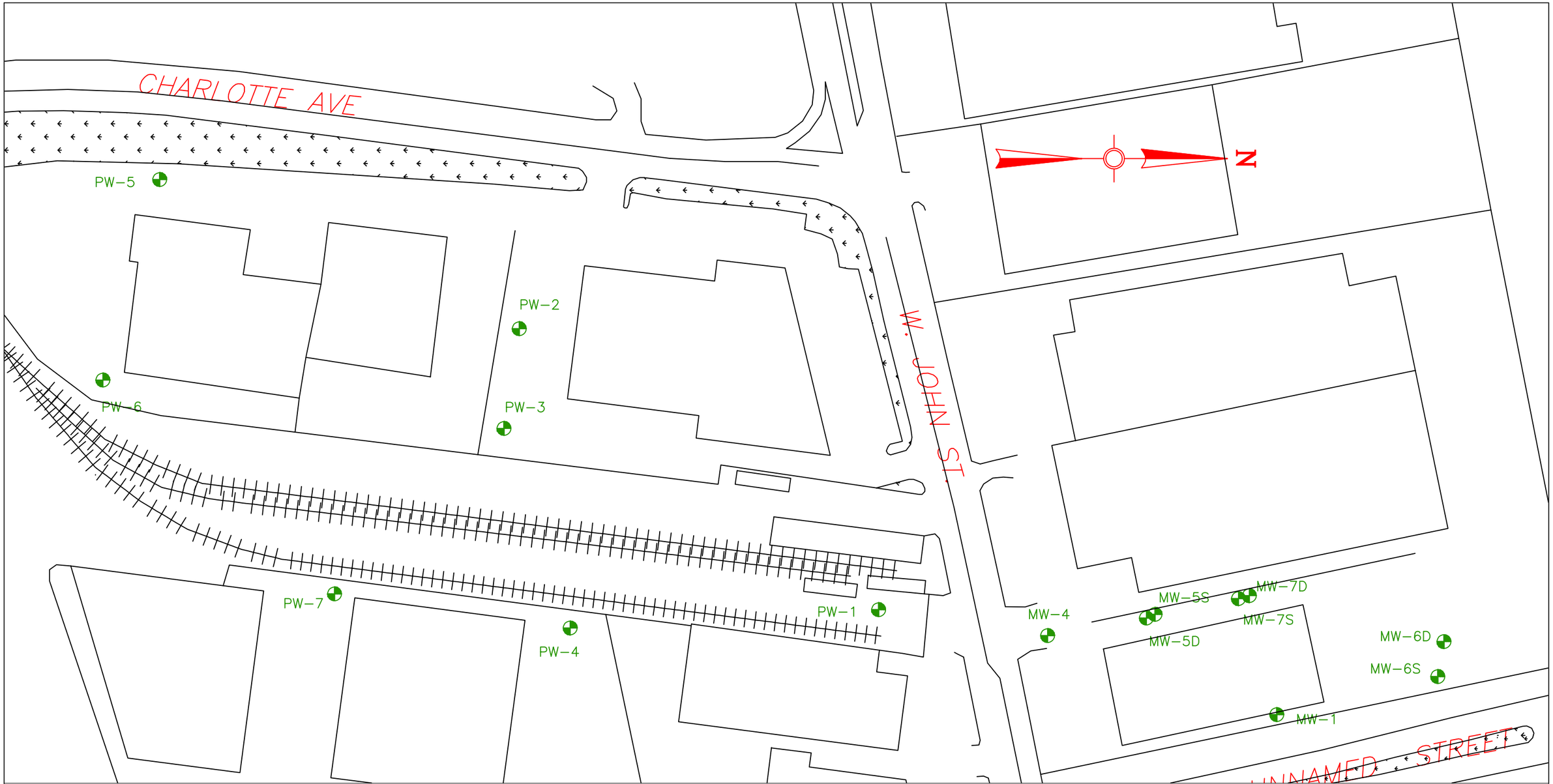
0 400,000 800,000 1,600,000 Feet

N W E S

NYSDEC Site No. 1-30-021
Anchor Lith Kem Ko Site
Hicksville, Nassau County, NY

Figure 1
Site Location

EARTH TECH | AECOM



GRAPHIC SCALE

0 50 100

Prepared For :

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

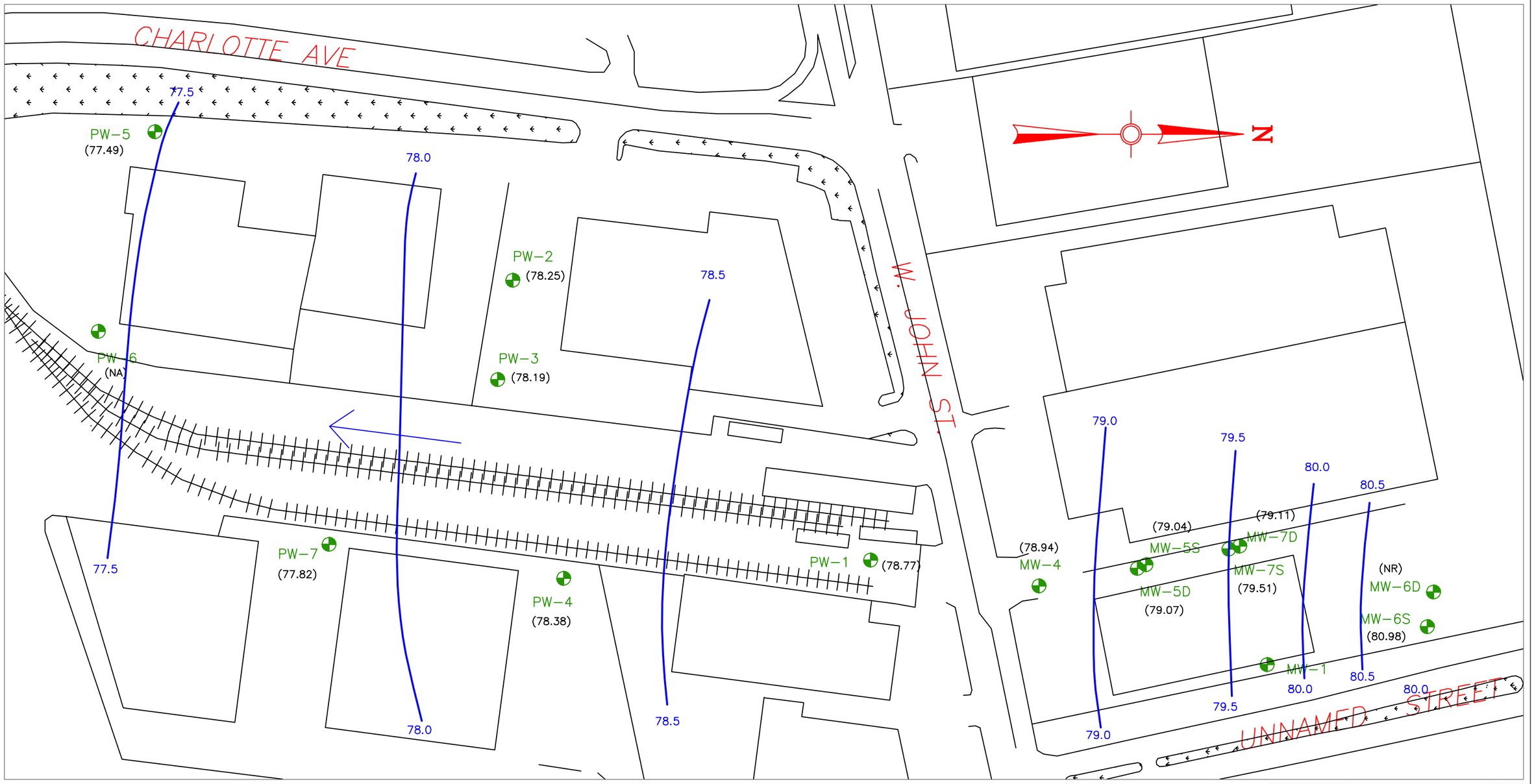
625 Broadway, Albany, NY

Prepared by :

EARTH TECH | AECOM

300 Broadacres Drive, Bloomfield, NJ 07003

SUBMITTED BY : PK	ANCHOR LITH KEM KO 600 WEST JOHN STREET HICKSVILLE, NEW YORK SITE # 1-30-021
DRAWN BY : MKC	**SITE PLAN**
APPROVED BY : PK	DATE : SEPTEMBER 2008 / FIGURE NO. : 2



LEGEND

- MW — MONITORING WELL OR CMT
- GROUNDWATER CONTOUR ISOPLETH, CONTOUR INTERVAL 0.5 FT
- 99.14 — GROUNDWATER ELEVATION (FT.)
- ← GROUNDWATER FLOW

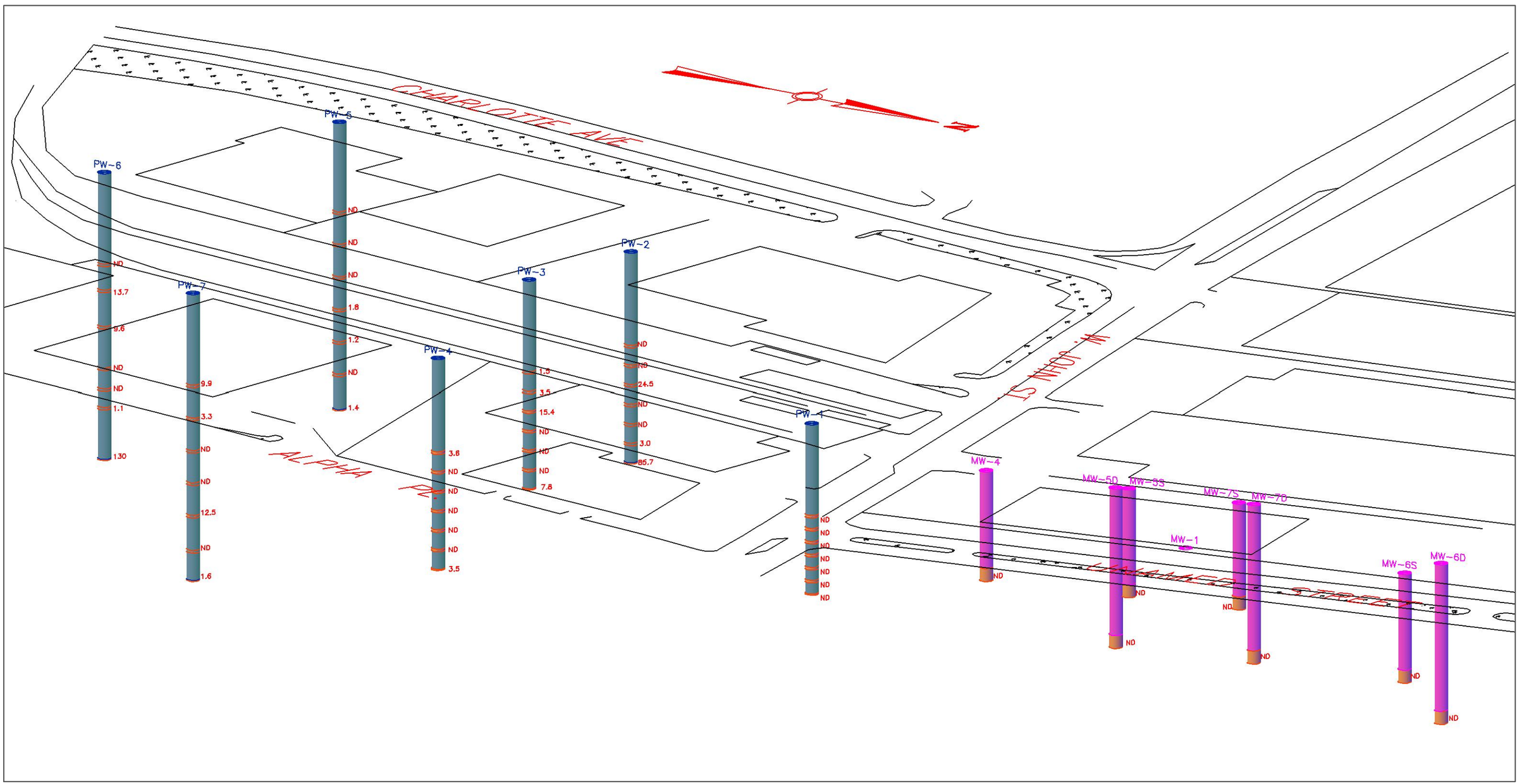
GRAPHIC SCALE

0 50 100

Prepared For :
NYSDEC DIVISION OF ENVIRONMENTAL CONSERVATION
625 Broadway, Albany, NY

Prepared by :
EARTH TECH | AECOM
300 Broadacres Drive, Bloomfield, NJ 07003

SUBMITTED BY : PK	ANCHOR LITH KEM KD 500 WEST JOHN STREET HICKSVILLE, NEW YORK SITE # 1-30-021
DRAWN BY : MKC	GROUNDWATER CONTOUR MAP, September 16, 2008 SHALLOW MONITORING WELLS AND CMTS
APPROVED BY : PK	DATE : OCTOBER 2008 — FIGURE NO. : 3



LEGENDS:

- CMT WELL LOCATION
- MONITORING WELL LOCATION
- WELL SCREEN

NOTES:

1. ALL UNITS IN ug/L
2. GRAPHIC SCALE IS APPROXIMATE

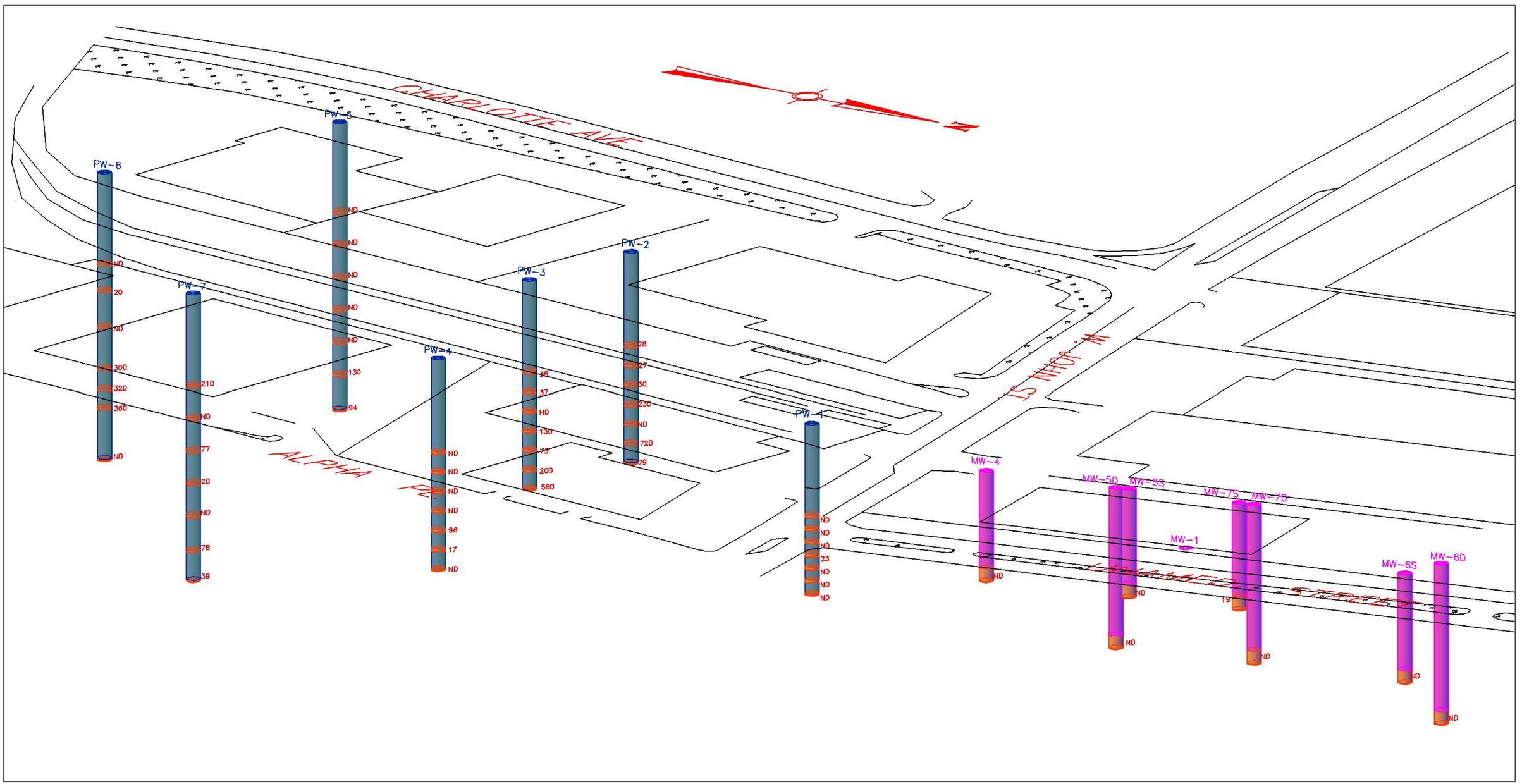
GRAPHIC SCALE

0 70 140

Prepared For : NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
625 Broadway, Albany, NY

Prepared by : EARTH TECH | AECOM
300 Broadacres Drive, Bloomfield, NJ 07003

SUBMITTED BY : PK	ANCHOR LITH KEM KD 668 WEST JOHN STREET HICKSVILLE, NEW YORK SITE # 1-59-021
DRAWN BY : MKD	**TOTAL CVOCS DETECTIONS IN WELLS, JULY 2008**
APPROVED BY : PK	DATE : OCTOBER 2008
	FIGURE NO. : 4



LEGENDS:

- CMT WELL LOCATION
- MONITORING WELL LOCATION
- WELL SCREEN

NOTES:

1. ALL UNITS IN ug/L
2. GRAPHIC SCALE IS APPROXIMATE

GRAPHIC SCALE

0 70 140

Prepared For :
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
625 Broadway, Albany, NY

Prepared by :
EARTH TECH | AECOM
300 Broadacres Drive, Bloomfield, NJ 07003

SUBMITTED BY : PK	ANCHOR LITH KEM KD 668 WEST JOHN STREET HICKSVILLE, NEW YORK SITE # 1-59-021
DRAWN BY : MKD	ACETONE DETECTIONS IN WELLS, JULY 2008
APPROVED BY : PK	DATE : OCTOBER 2008 / FIGURE NO. : 5

AQUA TERRA GEOPHYSICS INC

COMPANY	EARTH TECH
WELL ID	PW - 05
FIELD	ANCHOR LITH KEM KO
COUNTRY	NASSAU STATE NEW YORK

CO
WELL
FLD
CTY
STE
FILING No

LOCATION
CHARLOTTE AVE. HICKSVILLE

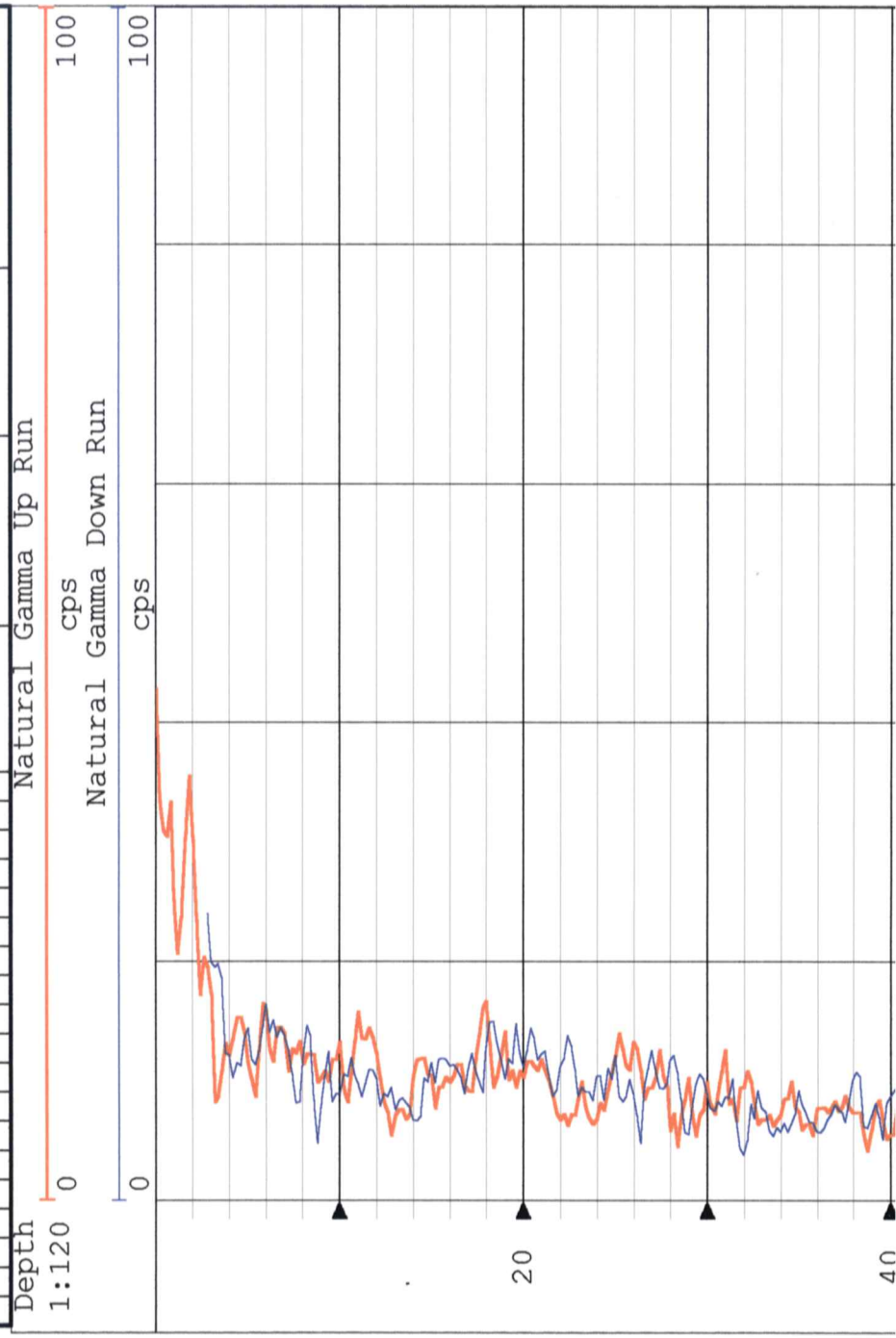
SEC TWP RGE

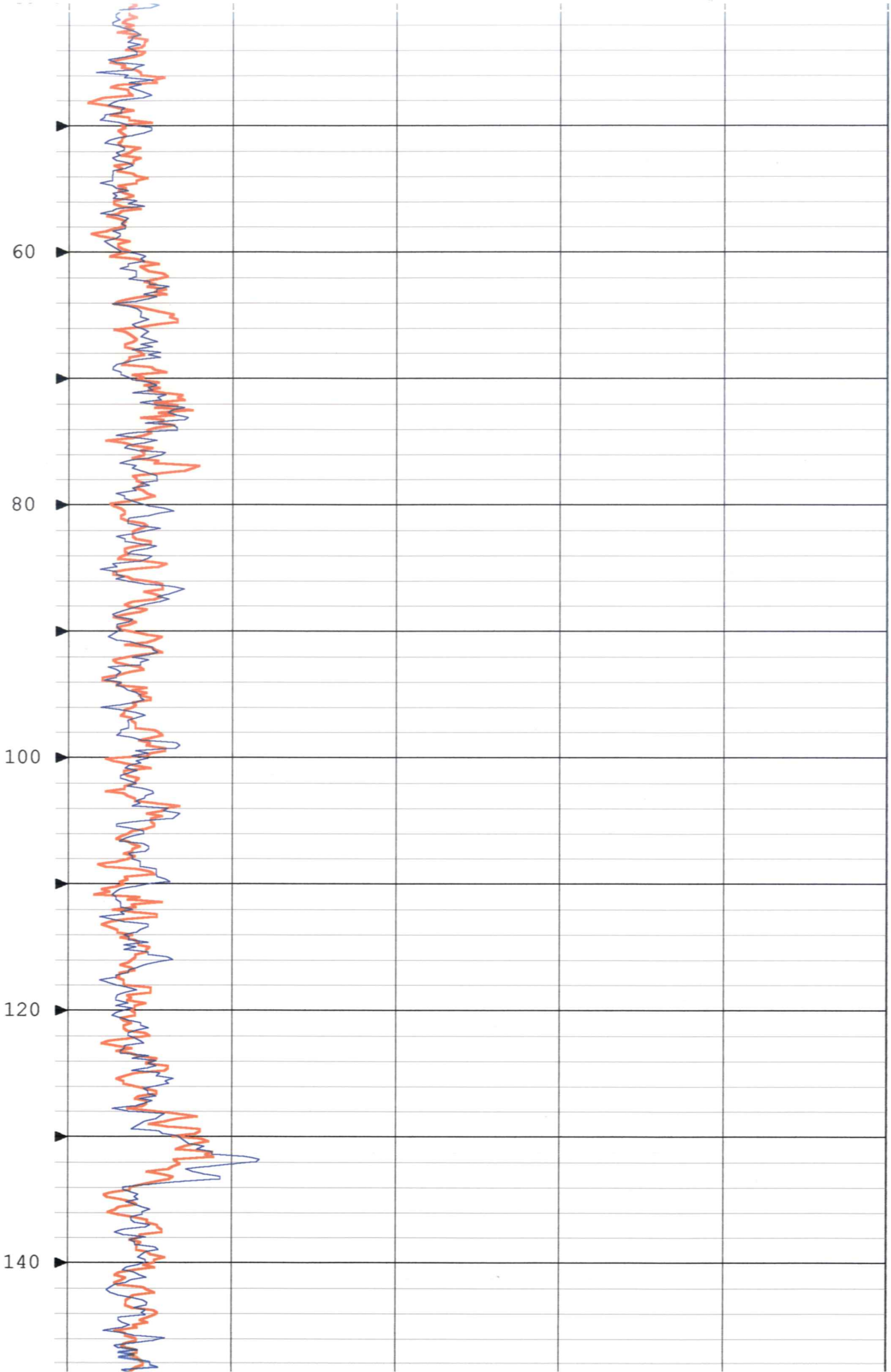
OTHER SERVICES

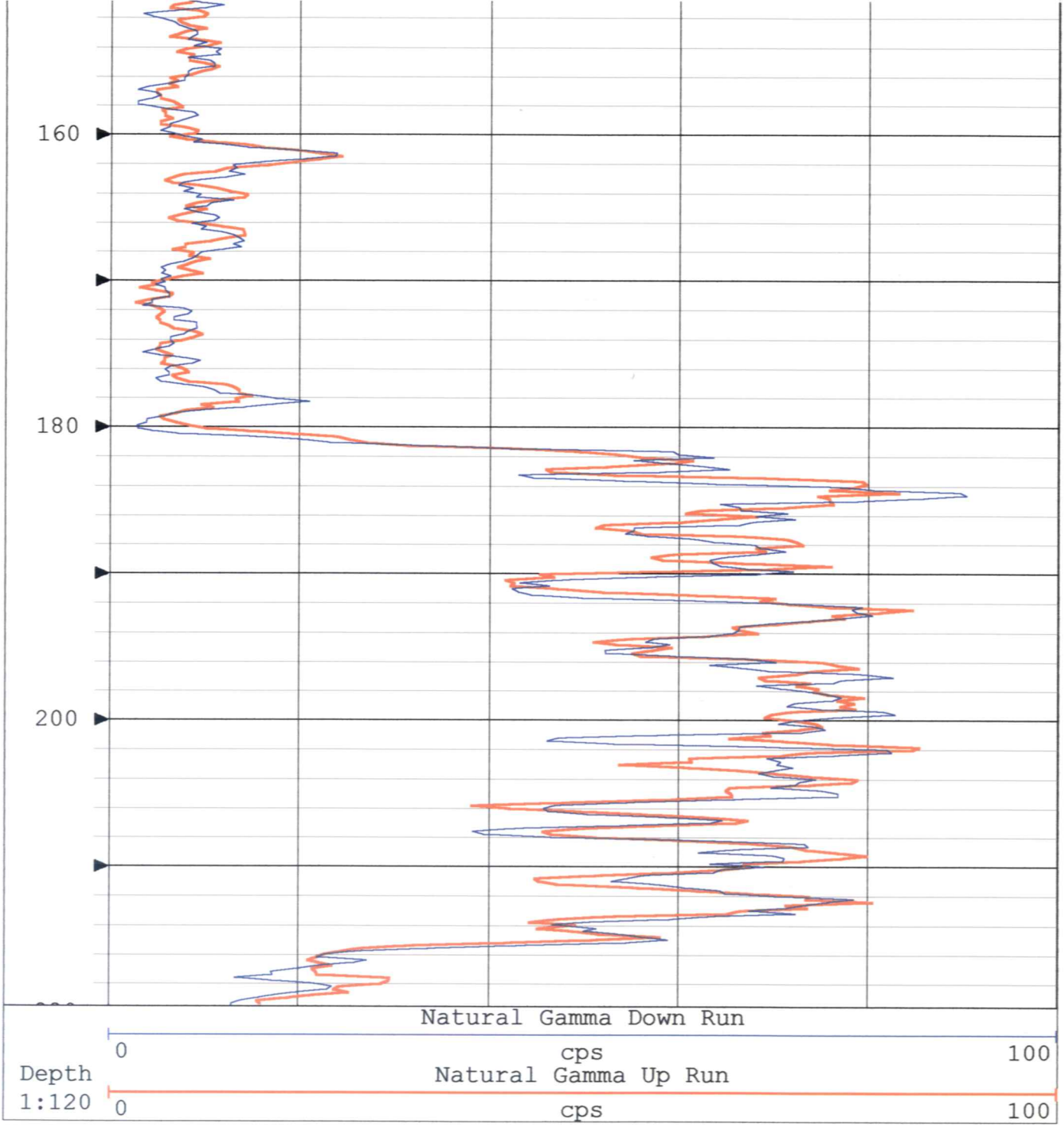
PERMANENT DATUM		ELEVATION	K.B.
LOG MEAS. FROM	BLACKTOP	ABOVE PERM. DATUM	D.F.
DRILLING MEAS. FROM			G.L.

DATE	JUNE 5, 2008	TYPE FLUID IN HOLE	
RUN No		SALINITY	
TYPE LOG		DENSITY	
DEPTH-DRILLER	121.5 FEET	LEVEL	
DEPTH-LOGGER	121 FEET	MAX. REC. TEMP.	
BTM LOGGED INTERVAL			
TOP LOGGED INTERVAL			
OPERATING RIG TIME			
RECORDED BY	BENJAMIN RICE		
WITNESSED BY	VIPUL MEHRA		

RUN	BOREHOLE RECORD			CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				6 INCH	HSA	0	60 FEET
				4 INCH	DRILL PIPE	0	TOTAL DEPTH




60
80
100
120
140


160
180
200
Natural Gamma Down Run
0
cps
100
Depth
1:120
Natural Gamma Up Run
0
cps
100

AQUA TERRA GEOPHYSICS INC

CO
WELL
FLD
CTY
STE
FILING No

COMPANY EARTH TECH
WELL ID PW - 06
FIELD ANCHOR LITH KEM KO
COUNTRY NASSAU STATE NEW YORK

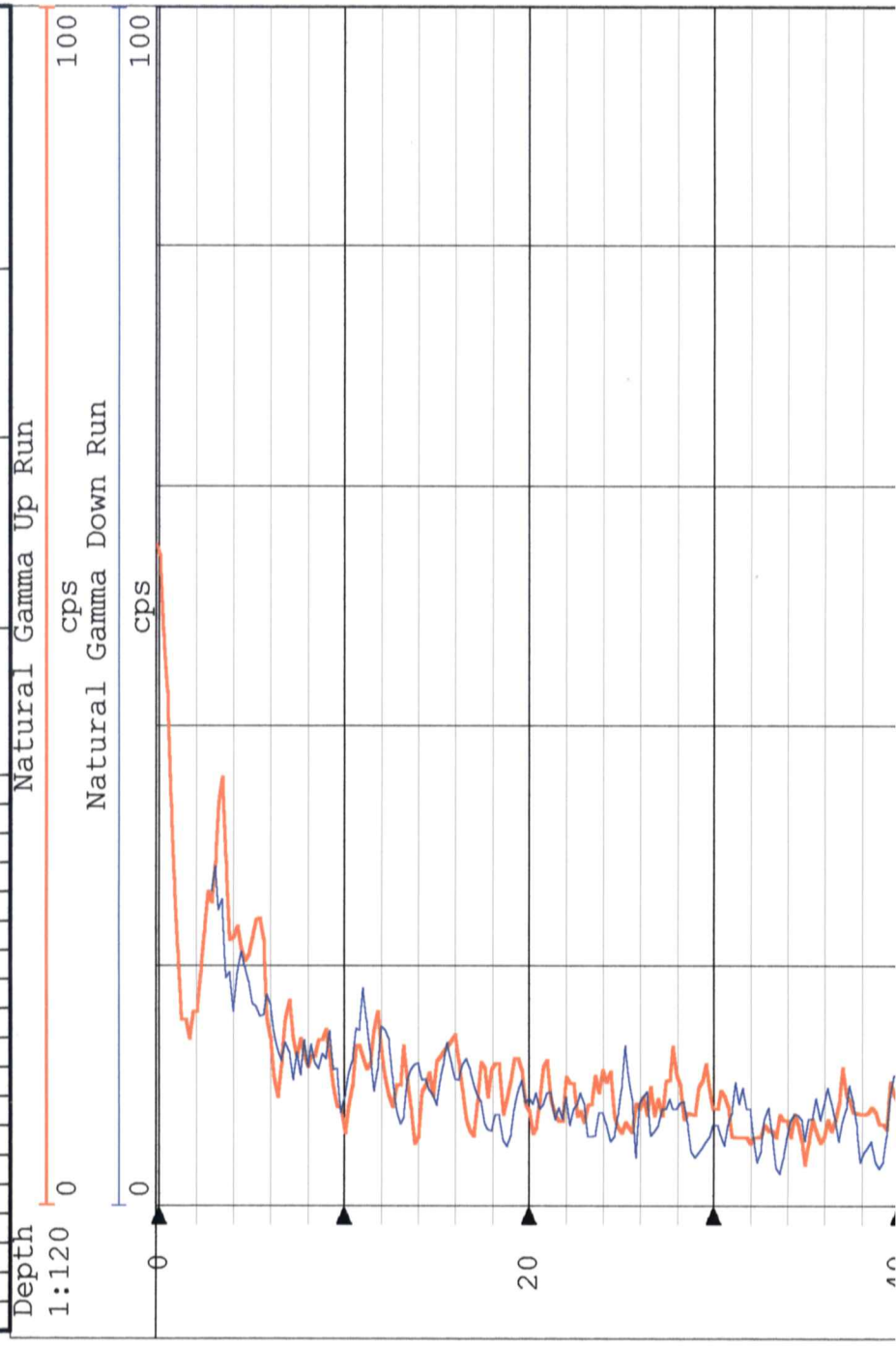
LOCATION
CHARLOTTE AVE., HICKSVILLE

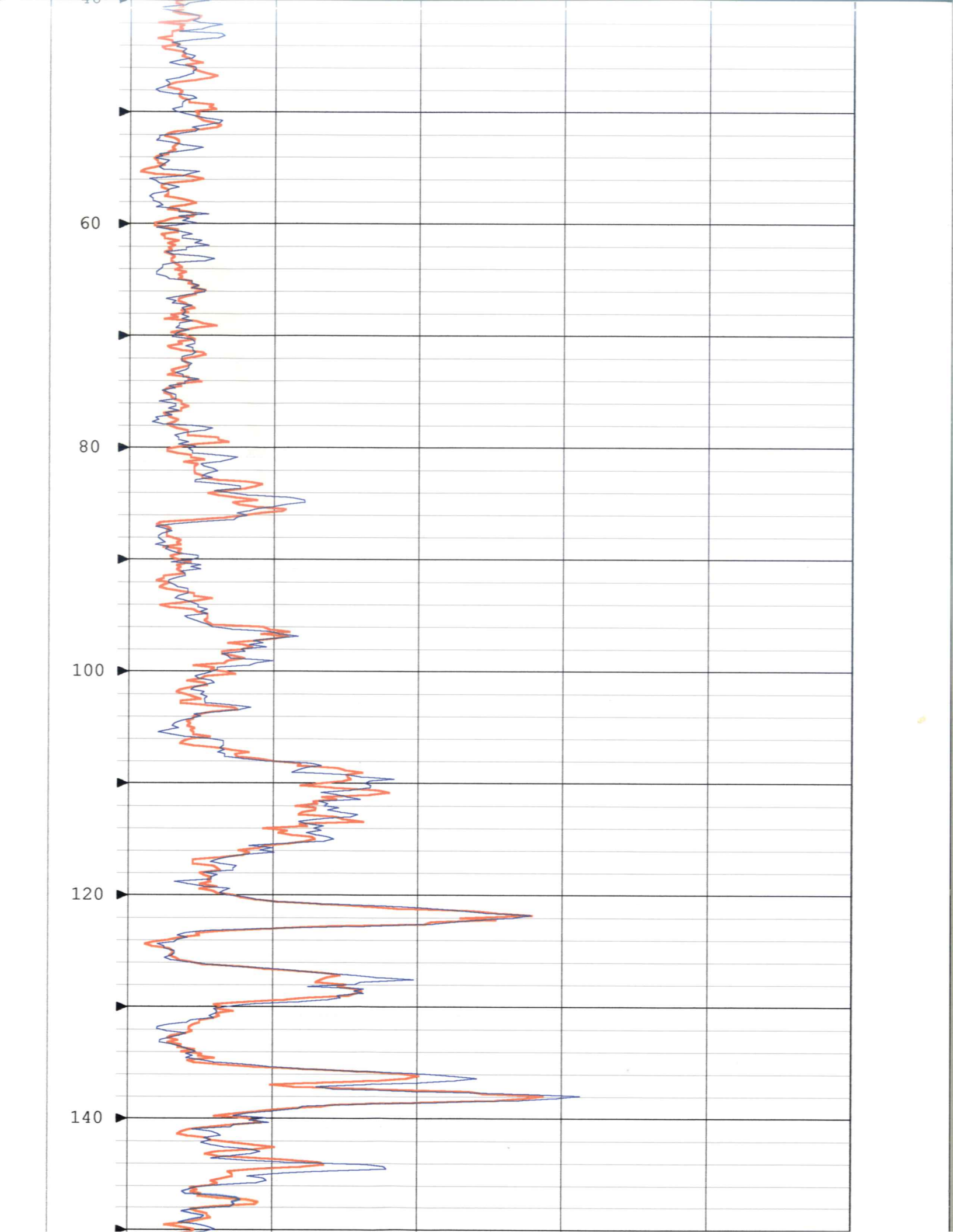
SEC TWP RGE

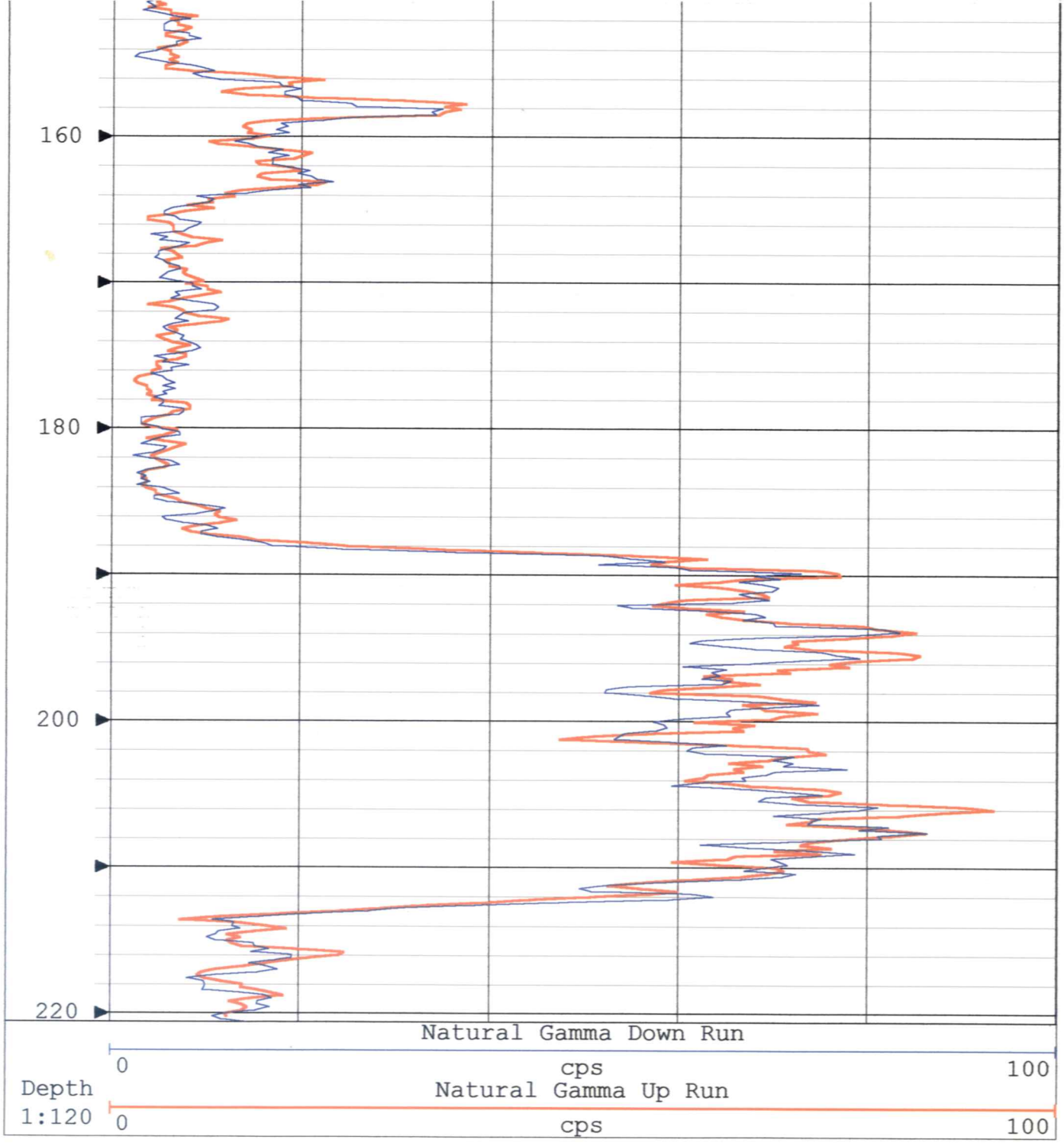
OTHER SERVICES

PERMANENT DATUM		ELEVATION	K.B.
LOG MEAS. FROM		ABOVE PERM. DATUM	D.F.
DRILLING MEAS. FROM			G.L.
DATE	MAY 26, 2008	TYPE FLUID IN HOLE	REVERT
RUN No		SALINITY	
TYPE LOG	NATURAL GAMMA	DENSITY	
DEPTH-DRILLER		LEVEL	
DEPTH-LOGGER	221.6 FEET	MAX. REC. TEMP.	
BTM LOGGED INTERVAL			
TOP LOGGED INTERVAL			
OPERATING RIG TIME			
RECORDED BY	BENJAMIN RICE		
WITNESSED BY	VIPUL MEHRA		

RUN	BOREHOLE RECORD			CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				6 INCH	HSA	0	69 FEET
				4 INCH	STEEL	0	
							TOTAL DEPTH




60
80
100
120
140


160
180
200
220
Natural Gamma Down Run
0
cps
100
Depth
1:120
Natural Gamma Up Run
0
cps
100

AQUA TERRA GEOPHYSICS INC

COMPANY	EARTH TECH
WELL ID	PW - 07
FIELD	ANCHOR LITH KEM KO
COUNTRY	NASSAU STATE NEW YORK

CO
WELL
FLD
CTY
STE
FILING No

LOCATION
ALPHA PLAZA, HICKSVILLE

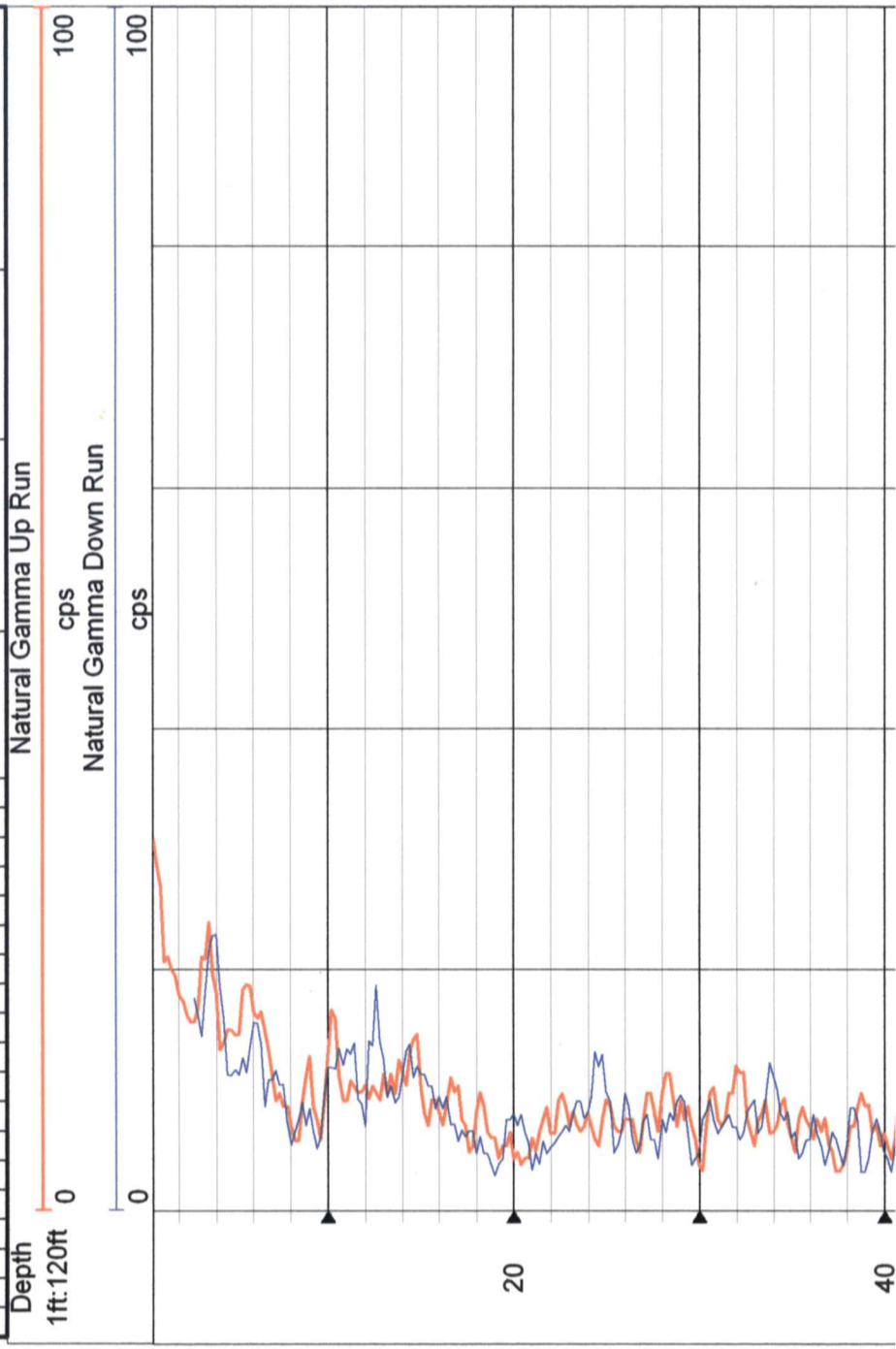
SEC TWP RGE

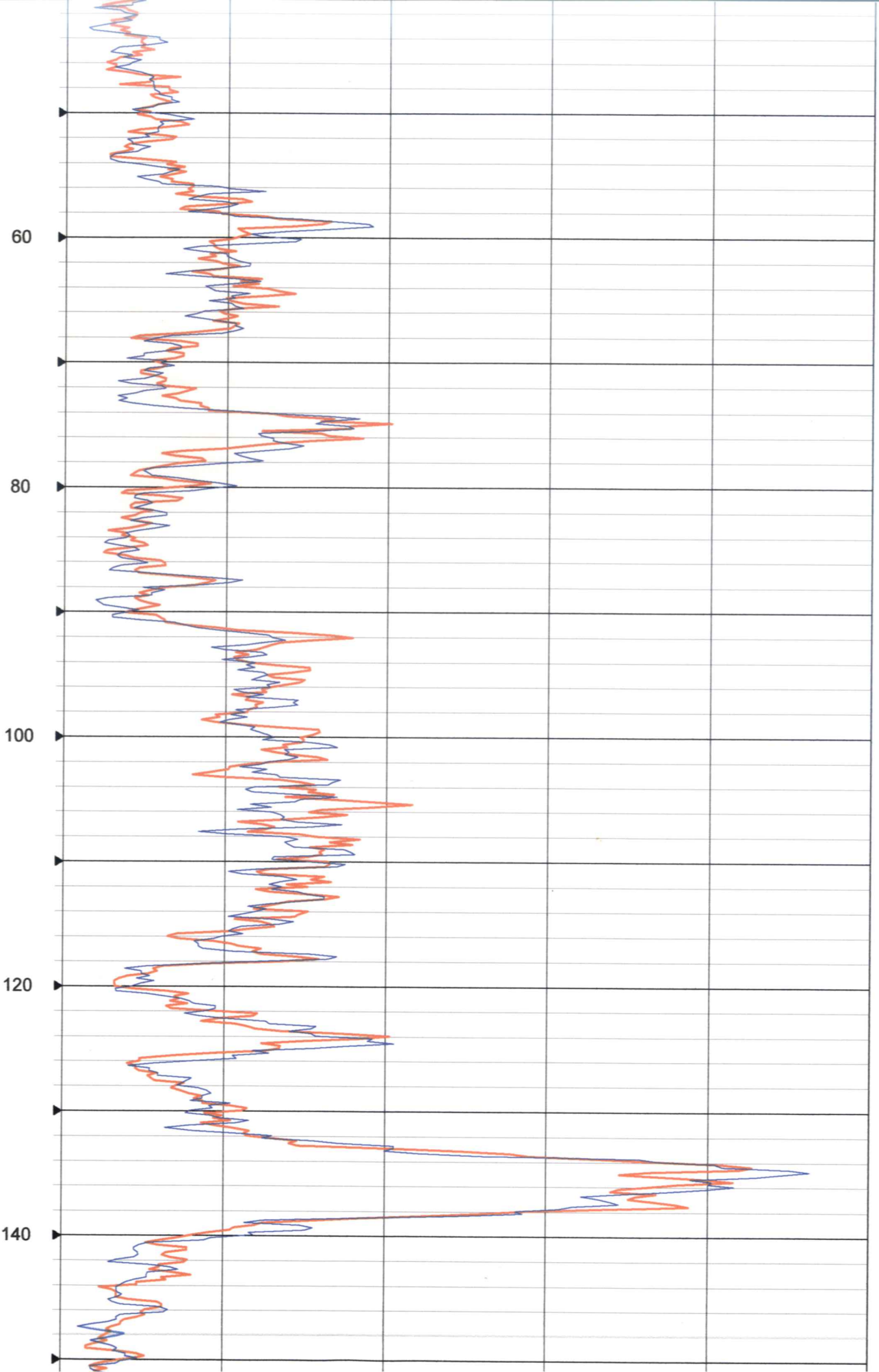
OTHER SERVICES

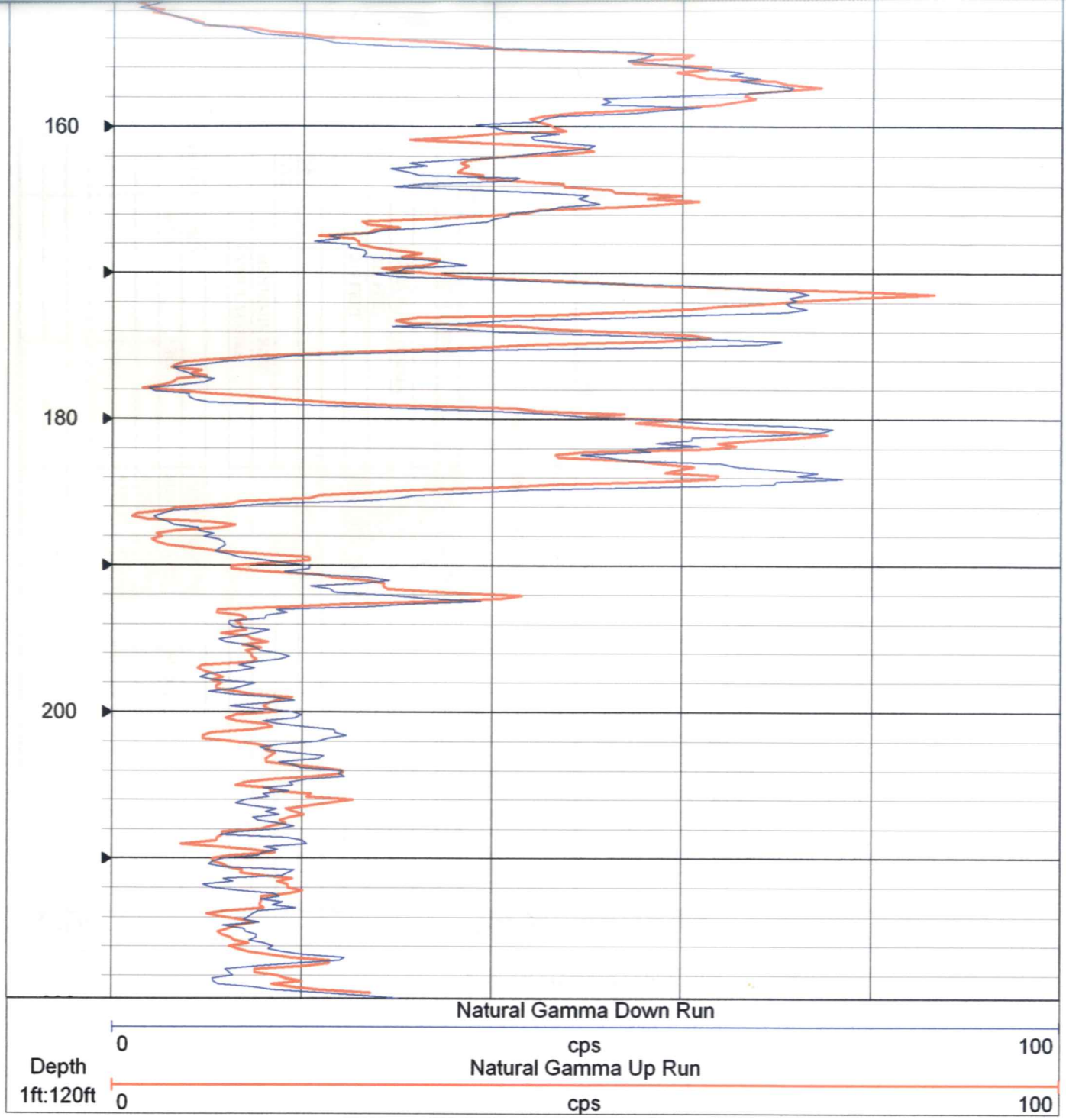
PERMANENT DATUM		ELEVATION	K.B.
LOG MEAS. FROM	BLACKTOP	ABOVE PERM. DATUM	D.F.
DRILLING MEAS. FROM			G.L.

DATE	APRIL 17, 2008	TYPE FLUID IN HOLE	REVERT
RUN No		SALINITY	
TYPE LOG	NATURAL GAMMA	DENSITY	
DEPTH-DRILLER	221 FEET	LEVEL	
DEPTH-LOGGER	219 FEET	MAX. REC. TEMP.	
BTM LOGGED INTERVAL			
TOP LOGGED INTERVAL			
OPERATING RIG TIME			
RECORDED BY	BENJAMIN RICE		
WITNESSED BY	VIPUL MEHRA		

RUN	BOREHOLE RECORD			CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				6 INCH	HSA	0	75 FEET
				4 INCH	STEEL	0	219 FEET




60
80
100
120
140


160
180
200
Natural Gamma Down Run
0
cps
100
Depth
1ft:120ft
Natural Gamma Up Run
0
cps
100

Earth Tech | AECOM

BORING LOG

Boring No.: PW01

PROJECT: Anchor Lith Kem Ko	CONTRACTOR: SGS Environmental Services	PAGE 1 OF 7
PROJECT No.: 101351	LOCATION: Hicksville, NY	DATE: 4/22/2008
CLIENT: NYSDEC	DRILLER: Jim	ET REP.: Vipul

WATER LEVELS			DRILLING AND SAMPLING				
DATE	TIME	DEPTH		CASING	AUGER	CORE	TUBE
			TYPE	Steel	Steel		
			I.D.	4-inch	6-inch		
			WT./Fall	--			

Depth (ft)	CMT Screen Interval	Packing	PID Reading	REMARKS, AND STRATUM CHANGES
1				Fill material
2				Sand, gravel, cobbles
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Earth Tech | AECOM

BORING LOG

Boring No.: PW01

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

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BORING LOG

Boring No.: PW01

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
40				
41				
42				
43				
44				
45				Medium fine sand, little fine gravel CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				Dense fine sand

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BORING LOG

Boring No.: PW01

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
60				
61				
62				
63				
64				
65				
66				
67				
68				Approximately 200 gallons of slurry used
69				
70				
71	1			
72				
73				
74				
75				
76				
77				
78				
79				
80				

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BORING LOG

Boring No.: PW01

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
80				
81	2			
82				
83				
84				
85				
86				
87				
88				
89				
90				
91	3			
92				
93				
94				
95				Dense fine sand, little clay stringers CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
96				
97				
98				
99				
100				

Earth Tech | AECOM

BORING LOG

Boring No.: PW01

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
100				
101	4			
102				
103				
104				
105				
106				
107				
108				
109				
110				
111	5			
112				
113				
114				
115				
116				
117				
118				
119				
120				

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BORING LOG

Boring No.: PW01

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
120				
121	6			
122				
123				
124				
125				Dense fine sand, gravel, trace clay stringers
126				
127				
128				
129				
130				
131				
132	7			CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
				End of boring at 132 ft bgs
133				NOTES:
134				- Approximately 3,000 gallons of water used
135				- 50 pounds of revert (Variflow QD) used (80'-132') Variflow QD is a coarse granular, high viscosity blend of guar gum formualted for easy and quick dispersion in drilling applications. Coarser granules prevent lumps or encapsulation.
136				- Soil descriptions are based on soil cuttings and drillers observations except at locations where split-spoon samples are indicated.
137				- Drum Count: 6 soil, 3 liquid, 4 mix.
138				- Type 1 sand; - Portland grout
139				- Bentonite; - Type 00 sand
140				- Screen Interval; - Bentonite slurry

Earth Tech | AECOM

BORING LOG

Boring No.: PW02

PROJECT: Anchor Lith Kem Ko	CONTRACTOR: SGS Environmental Services	PAGE 1 OF 9
PROJECT No.: 101351	LOCATION: Hicksville, NY	DATE: 3/31/2008
CLIENT: NYSDEC	DRILLER: Jim	ET REP.: Vipul

WATER LEVELS			DRILLING AND SAMPLING				
DATE	TIME	DEPTH		CASING	AUGER	CORE	TUBE
			TYPE	Steel	Steel		
			I.D.	4-inch	6-inch		
			WT./Fall	--			

Depth (ft)	CMT Screen Interval	Packing	PID Reading	REMARKS, AND STRATUM CHANGES
1				compacted fill
5				medium fine sand, some coarse to fine gravel, silt
20				CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9

Earth Tech | AECOM

BORING LOG

Boring No.: PW02

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

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BORING LOG

Boring No.: PW02

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				CO = 1, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				

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BORING LOG

Boring No.: PW02

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
60				
61				
62				
63				
64				
65				dense fine sand
66				
67				
68				
69				
70				
71				
72	1			
73				
74				
75				
76				
77				
78				
79				
80				Sand and gravel

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BORING LOG

Boring No.: PW02

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
80				
81				
82				
83				
84				
85				
86				
87	2			
88				
89				
90				
91				
92				
93				
94				
95				
96				
97				
98				
99				varved clay CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
100				

Earth Tech | AECOM

BORING LOG

Boring No.: PW02

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
100				
101				
102	3			
103				
104				dense fine sand
105				
106				
107				
108				
109				
110				
111				
112				
113				
114				
115				dense fine sand, and white clay stringers
116				
117	4			
118				
119				
120				little clay stringers

Earth Tech | AECOM

BORING LOG

Boring No.: PW02

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
120				
121				
122				
123				
124				
125				
126				
127				
128				
129				
130				dense fine sand CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
131				
132	5			
133				
134				
135				
136				
137				
138				
139				iron ore deposits
140				

Earth Tech | AECOM

BORING LOG

Boring No.: PW02

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
140				
141				
142				
143				
144				
145				dense fine sand and clay stringers
146				
147	6			
148				
149				
150				
151				
152				
153				
154				
155				
156				2nd varved clay
157				
158				
159				
160				

Earth Tech | AECOM

BORING LOG

Boring No.: PW02

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
160				
161				
162				dense fine sand
163	7			End of Boring at 163 ft bgs
164				
165				Notes:
166				- Approximately 15,000 gallons of water used
167				- 125 pounds of revert (Variflow QD) used (80'-140', 145'-163') Variflow QD is a coarse granular, high viscosity blend of guar gum formualted for easy and quick dispersion in drilling applications. Coarser granules prevent lumps or encapsulation.
168				- Soil descriptions are based on soil cuttings and drillers observations except at locations where split-spoon samples are indicated.
169				
170				- Type 1 sand
171				- Bentonite
172				- Screen Interval
173				- Portland grout
174				- Type 00 sand
175				- Bentonite slurry
176				Drum Count
177				- 5 Soil
178				- 5 Mix
179				- 1 Decon pad
180				

Earth Tech | AECOM

BORING LOG

Boring No.: PW03

PROJECT: Anchor Lith Kem Ko	CONTRACTOR: SGS Environmental Services	PAGE 1 OF 9
PROJECT No.: 101351	LOCATION: Hicksville, NY	DATE: 3/11/2008
CLIENT: NYSDEC	DRILLER: Jim	ET REP.: Vipul

WATER LEVELS			DRILLING AND SAMPLING				
DATE	TIME	DEPTH		CASING	AUGER	CORE	TUBE
			TYPE	Steel	Steel		
			I.D.	4-inch	6-inch		
			WT./Fall	--			

Depth (ft)	CMT Screen Interval	Packing	PID Reading	REMARKS, AND STRATUM CHANGES
1				Compacted fill
2				
3				
4				
5				CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
6				
7				
8				
9				
10				Medium fine sand and silt
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Earth Tech | AECOM

BORING LOG

Boring No.: PW03

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

Earth Tech | AECOM

BORING LOG

Boring No.: PW03

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
56				
57				
58				
59				
60				Medium fine sand, little fine gravel

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BORING LOG

Boring No.: PW03

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
60				
61				
62				
63				
64				
65				CO = 1, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
66				
67				
68				
69				
70				
71	1			
72				
73				
74				
75				
76				
77				
78				
79				
80				Sand and gravel

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BORING LOG

Boring No.: PW03

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
80				
81				
82				
83				
84				
85				
86	2			
87				
88				
89				
90				
91				
92				
93				
94				
95				Dense fine sand
96				
97				CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
98				
99				
100				

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BORING LOG **Boring No.: PW03**

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351 PAGE 6 OF 9

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
100				
101	3			
102				
103				
104				
105				
106				
107				
108				
109				
110				
111				
112				
113				
114				
115				
116	4			
117				
118				
119				
120				dense fine sand

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BORING LOG **Boring No.: PW03**

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351 PAGE 7 OF 9

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
120				
121				
122				
123				
124				
125				dense fine sand, little clay stringers
126				
127				
128				
129				
130				
131	5			
132				
133				
134				
135				
136				
137				
138				
139				
140				

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BORING LOG

Boring No.: PW03

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
140				
141				
142				
143				
144				
145				
146	6			
147				
148				
149				
150				
151				
152				
153				
154				
155				
156				
157				
158				lignite
159				dense fine sand
160				

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BORING LOG

Boring No.: PW03

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
160				
161				
162				
163	7			End of Boring at 163 ft
164				
165				Notes:
166				- Approximately 24,000 gallons of water used
167				- 50 pounds of revert (Variflow QD) used (120'-163') Variflow QD is a coarse granular, high viscosity blend of guar gum formualted for easy and quick dispersion in drilling applications. Coarser granules prevent lumps or encapsulation.
168				- Soil descriptions are based on soil cuttings and drillers observations except at locations where split-spoon samples are indicated.
169				
170				- Type 1 sand
171				- Bentonite
172				- Screen Interval
173				- Portland grout
174				- Type 00 sand
175				- Bentonite slurry
176				Drum Count
177				- 10 Soil
178				- 3 Liquid
179				- 1 Mix
180				

Earth Tech | AECOM

BORING LOG

Boring No.: PW04

PROJECT: Anchor Lith Kem Ko	CONTRACTOR: SGS Environmental Services	PAGE 1 OF 9
PROJECT No.: 101351	LOCATION: Hicksville, NY	DATE: 4/8/2008
CLIENT: NYSDEC	DRILLER: Jim	ET REP.: Vipul

WATER LEVELS			DRILLING AND SAMPLING				
DATE	TIME	DEPTH		CASING	AUGER	CORE	TUBE
			TYPE	Steel	Steel		
			I.D.	4-inch	6-inch		
			WT./Fall	--			

Depth (ft)	CMT Screen Interval	Packing	PID Reading	REMARKS, AND STRATUM CHANGES
1				Cover fill
2				Medium to fine sand, some coarse to fine gravel
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

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BORING LOG

Boring No.: PW04

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				medium to fine sand, trace fine to medium gravel, trace silt CO = 1, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

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BORING LOG

Boring No.: PW04

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				Dense fine sand
60				

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BORING LOG

Boring No.: PW04

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
60				
61				
62				Varved clay
63				
64				
65				
66				
67				dense fine sand
68				
69				
70				
71				
72	1			
73				
74				
75				
76				
77				
78				
79				CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
80				silt and fine sand

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BORING LOG

Boring No.: PW04

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
80				
81				
82				
83				
84				
85				
86				
87	2			
88				
89				
90				dense fine sand, little clay stringers
91				
92				
93				
94				
95				
96				
97				
98				
99				
100				

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BORING LOG

Boring No.: PW04

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
100				
101		TYPE 1 SAND		
102	3			
103				
104				
105				
106				
107				
108				
109				2nd verve clay CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
110				
111				
112				
113				
114				
115				
116				
117	4			
118				
119				
120				little clay stringers

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BORING LOG

Boring No.: PW04

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
120				
121				
122				dense fine sand and clay stringers
123				
124				
125				
126				
127				
128				
129				
130				
131				
132	5			
133				
134				Dense fine sand, little clay stringers
135				
136				
137				
138				
139				
140				

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BORING LOG

Boring No.: PW04

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
140				
141				
142				
143				
144				
145				
146				
147	6			
148				
149				
150				
151				
152				
153				
154				
155				
156				
157				
158				
159				
160				

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BORING LOG

Boring No.: PW04

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
160				
161				
162				CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
163	7			End of Boring at 163 ft
164				
165				Notes:
166				- Approximately 6,000 gallons of water used
167				- 75 pounds of revert (Varilfow QD) used (59'-163') Variflow QD is a coarse granular, high viscosity blend of guar gum formualted for easy and quick dispersion in drilling applications. Coarser granules prevent lumps or encapsulation.
168				- Soil descriptions are based on soil cuttings and drillers observations except at locations where split-spoon samples are indicated.
169				
170				- Type 1 sand
171				- Bentonite
172				- Screen Interval
173				- Portland grout
174				- Type 00 sand
175				- Bentonite slurry
176				Drum Count
177				- 5 Soil
178				- 2 Liquid - 1 Decon pad - 4 Mix
179				
180				

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BORING LOG

Boring No.: PW05

PROJECT: Anchor Lith Kem Ko	CONTRACTOR: SGS Environmental Services	PAGE 1 OF 12
PROJECT No.: 101351	LOCATION: Hicksville, NY	DATE: 6/3/2008
CLIENT: NYSDEC	DRILLER: Jim	ET REP.: Vipul

WATER LEVELS			DRILLING AND SAMPLING				
DATE	TIME	DEPTH		CASING	AUGER	CORE	TUBE
			TYPE	Steel	Steel		
			I.D.	4-inch	6-inch		
			WT./Fall	--			

Depth (ft)	CMT Screen Interval	Packing	PID Reading	REMARKS, AND STRATUM CHANGES
1				Compacted fill
2				Sand and Gravel
3				
4				
5				CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

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BORING LOG

Boring No.: PW05

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

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BORING LOG

Boring No.: PW05

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				dense fine sand, little fine gravel
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				CO = 1, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9

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BORING LOG

Boring No.: PW05

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
60				
61				
62				
63				
64				
65				
66				
67				
68				
69	1			
70				
71				
72				
73				
74				
75				
76				
77				
78				
79				
80				

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BORING LOG

Boring No.: PW05

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
80				
81				
82				
83				
84				
85				
86				
87				
88				
89				
90				Dense fine sand, some clay stringers, fine gravel lenses
91				
92				
93				
94	2			
95				
96				
97				
98				
99				
100				

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BORING LOG

Boring No.: PW05

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
100				
101				
102				
103				
104				
105				
106				
107				
108				
109				
110				
111				
112				
113				
114				
115				
116				
117				
118				
119				
120	3			

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BORING LOG

Boring No.: PW05

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
120				
121				
122				
123				
124				
125				
126				
127				
128				
129				
130				
131				
132				
133				
134				
135				
136				
137				
138				
139				
140				

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BORING LOG

Boring No.: PW05

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
140				
141				
142				
143				
144	4			Dense fine sand, some clay stringers
145				
146				
147				
148				
149				
150				
151				
152				
153				
154				
155				Dense fine sand, iron ore deposits
156				
157				
158				
159				
160				

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BORING LOG

Boring No.: PW05

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
160				
161				
162				Lignite clay
163				Dense fine sand
164				
165				
166				
167				
168				
169	5			
170				
171				
172				
173				
174				
175				
176				
177				
178				
179				
180				

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BORING LOG

Boring No.: PW05

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
180				
181				
182				
183				Varve clay
184				
185				
186				
187				
188				
189				Lignite clay
190				
191				
192				
193				
194	6			
195				
196				
197				
198				
199				
200				

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BORING LOG

Boring No.: PW05

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
200				
201				
202				
203				
204				
205				
206				
207				Fine sand, some fine gravel
208				
209				
210				
211				
212				
213				
214				
215				
216				
217				
218				
219				
220				

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BORING LOG

Boring No.: PW05

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
220				
221	7			End of Boring at 221 ft bgs
222				
223				Notes:
224				- Approximately 5,000 gallons of water used - 10 pounds of no-sag used (163'-221.5') Enchances the carrying capacity of drilling fluids without significantly increasing the viscosity.
225				- 50 pounds of soda ash (59'-165') Used as an additive to revert to increase viscosity.
226				- 75 pounds of revert (Variflow QD) used (59'-165') Variflow QD is a coarse granular, high viscosity blend of guar gum formualted for easy and quick dispersion in drilling applications. Coarser granules prevent lumps or encapsulation.
227				- 3 gallons of Aquaclear PFD used Is a concentrated liquid polymer dispersant that provides superior mud and sediment removal form the formation.
228				- For clay distribution refer to gamma log
229				- Soil descriptions are based on soil cuttings and drillers observations except at locations where split-spoon samples are indicated.
230				
231				
232				- Type 1 sand
233				- Bentonite
234				- Screen Interval
235				- Portland grout
236				- Natural Cave In
237				- Bentonite slurry
238				Drum Count
239				- 2 Liquid - 6 Mix
240				- 6 Soil

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BORING LOG

Boring No.: PW06

PROJECT: Anchor Lith Kem Ko	CONTRACTOR: SGS Environmental Services	PAGE 1 OF 12
PROJECT No.: 101351	LOCATION: Hicksville, NY	DATE: 5/19/2008
CLIENT: NYSDEC	DRILLER: Jim	ET REP.: Vipul

WATER LEVELS			DRILLING AND SAMPLING				
DATE	TIME	DEPTH		CASING	AUGER	CORE	TUBE
			TYPE	Steel	Steel		
			I.D.	4-inch	6-inch		
			WT./Fall	--			

Depth (ft)	CMT Screen Interval	Packing	PID Reading	REMARKS, AND STRATUM CHANGES
1				Compacted fill
2				
3				
4				
5				Medium fine sand, some coarse to fine gravel, cobbles CO = 2, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

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BORING LOG

Boring No.: PW06

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
36				
37				
38				
39				
40				

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BORING LOG

Boring No.: PW06

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				Fine sand, little medium to fine gravel
51				
52				
53				
54				
55				
56				
57				
58				
59				Dense fine sand CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
60				

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BORING LOG

Boring No.: PW06

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
60				
61				
62				
63				
64				
65				
66				
67				
68				
69				
70				
71	1			
72				
73				
74				
75				
76				
77				
78				
79				
80				

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BORING LOG

Boring No.: PW06

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
80				
81				
82				
83				Dense fine sand, some clay stringers
84				
85				
86				
87				
88				
89				Dense fine sand
90				
91	2			
92				
93				
94				
95				
96				Dense fine sand, some silt
97				
98				
99				
100				Dense fine sand, some silt

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BORING LOG

Boring No.: PW06

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
100				
101				
102				
103				
104				
105				
106				
107				Dense fine sand, some clay stringers
108				
109				
110				
111				
112				
113				
114				
115				
116				Dense fine sand, some gravel, clay CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
117				
118				
119	3			
120				

Earth Tech | AECOM

BORING LOG

Boring No.: PW06

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
120				
121				
122				Soft white clay
123				Dense fine sand
124				
125				
126				
127				Soft white clay
128				
129				Dense fine sand, trace stringers
130				
131				
132				
133				
134				
135				
136				Varved Clay
137				
138				
139				Dense fine sand
140				

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BORING LOG

Boring No.: PW06

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
140				
141				
142				
143				
144				Dense fine sand, some clay stringers
145				
146				
147				
148				
149				
150				
151	4			
152				
153				
154				
155				
156				Varved Clay CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
157				
158				
159				
160				Dense fine sand, silt

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BORING LOG

Boring No.: PW06

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
160				
161				
162				
163				
164				
165				
166				
167	5			
168				
169				
170				
171				
172				
173				
174				
175				
176				
177				
178				
179				Dense fine sand
180				

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BORING LOG

Boring No.: PW06

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
180				
181	6			
182				
183				
184				
185				
186				
187				
188				Lignite, Clay
189				
190				
191				
192				
193				
194				
195				
196				
197				
198				
199				
200				

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BORING LOG

Boring No.: PW06

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
200				
201				
202				
203				
204				Dense fine sand, some silt
205				
206				
207				
208				
209				
210				
211				
212				
213				
214				Dense fine sand, iron ore deposit CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
215				
216				
217				
218				
219				
220				

Earth Tech | AECOM

BORING LOG

Boring No.: PW06

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
220				
221				
222	7			End of Boring at 222 ft bgs
223				
224				Notes:
225				- Approximately 5,000 gallons of water used
226				- 10 pounds of no-sag used (100'-222') Enchances the carrying capacity of drilling fluids without significantly increasing the viscosity.
227				- 200 pounds of revert (Variflo QD) used (59'-100', 100'-222") Variflow QD is a coarse granular, high viscosity blend of guar gum formualted for easy and quick dispersion in drilling applications. Coarser granules prevent lumps or encapsulation.
228				- 3 gallons of Aquaclear PFD used (188'-222') Is a concentrated liquid polymer dispersant that provides superior mud and sediment removal form the formation.
229				- For clay distribution refer to gamma log.
230				
231				- Type 1 sand
232				- Bentonite
233				- Screen Interval
234				- Portland grout
235				- Natural Cave In
236				- Bentonite slurry
237				Drum Count
238				- 5 Liquid - 4 Mix
239				- 6 Soil - 1 Decon pad plastic
240				

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BORING LOG

Boring No.: PW07

PROJECT: Anchor Lith Kem Ko	CONTRACTOR: SGS Environmental Services	PAGE 1 OF 12
PROJECT No.: 101351	LOCATION: Hicksville, NY	DATE: 4/14/2008
CLIENT: NYSDEC	DRILLER: Jim	ET REP.: Vipul

WATER LEVELS			DRILLING AND SAMPLING				
DATE	TIME	DEPTH		CASING	AUGER	CORE	TUBE
			TYPE	Steel	Steel		
			I.D.	4-inch	6-inch		
			WT./Fall	--			

Depth (ft)	CMT Screen Interval	Packing	PID Reading	REMARKS, AND STRATUM CHANGES
1				Compacted fill
2				coarse to fine sand, some fine gravel
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

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BORING LOG

Boring No.: PW07

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

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BORING LOG

Boring No.: PW07

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				medium to sand, little fine gravel, trace silt
50				
51				
52				
53				
54				
55				
56				
57				dense fine sand, clay stringer
58				
59				dense fine sand and white clay stringers
60				

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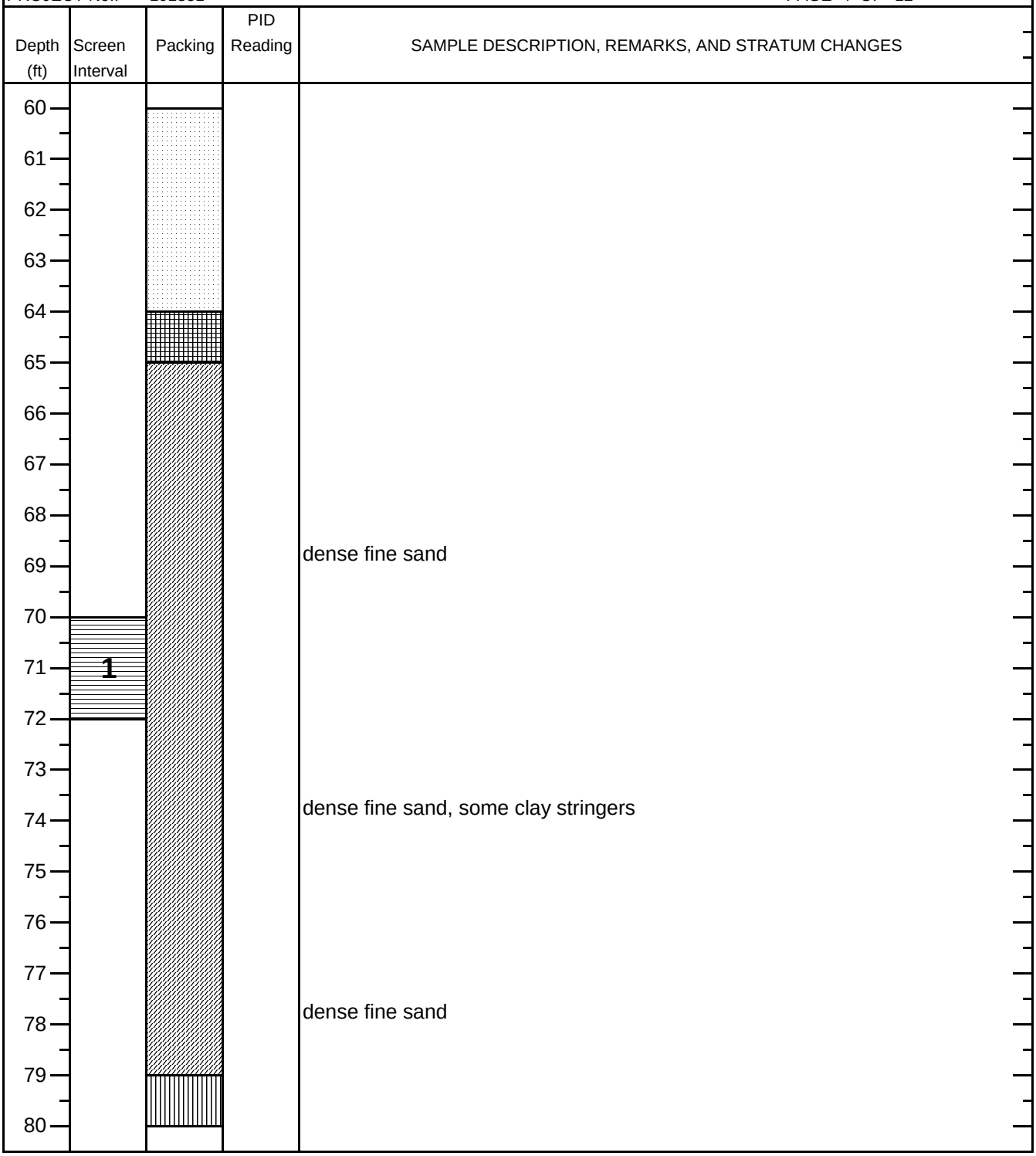
BORING LOG

Boring No.: PW07

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351



Earth Tech | AECOM

BORING LOG

Boring No.: PW07

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
80				
81				
82				
83				
84				
85				
86				
87				
88				
89				
90				
91				dense fine sand
92				
93				
94				
95				
96	2			
97				
98				
99				
100				

Earth Tech | AECOM

BORING LOG

Boring No.: PW07

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
100				
101				
102				
103				
104				
105				
106				
107				
108				
109				
110				
111				
112				
113				
114				
115				
116				
117				dense fine sand CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
118				
119				
120				little clay stringers

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BORING LOG

Boring No.: PW07

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
120				
121	3			
122				
123				1st varved clay
124				
125				
126				
127				
128				dense fine sand
129				
130				
131				
132				
133				
134				lignite, little fine sand
135				
136				
137				
138				
139				
140				

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BORING LOG

Boring No.: PW07

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
140				
141				
142				
143				dense fine sand CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
144				
145				interbedded sand and clay
146	4			
147				
148				
149				
150				
151				
152				
153				
154				
155				stiff orange and white clay
156				
157				
158				
159				interbedded sand and clay
160				

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BORING LOG

Boring No.: PW07

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
160				
161				
162				
163				
164				
165				
166				Stiff clay
167				Interbedded clay and sand
168				
169				
170				
171	5			
172				
173				
174				
175				
176				
177				
178				
179				
180				

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BORING LOG

Boring No.: PW07

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
180				
181				
182				
183				
184				
185				
186				
187				dense fine sand
188				
189				
190				
191				
192				
193				
194				
195				
196				
197				
198	6			
199				
200				

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BORING LOG

Boring No.: PW07

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
200				
201				
202				
203				
204				
205				CO = 0, LEL = 0, VOC = 0, H2S = 0, O2 = 20.9
206				
207				
208				
209				
210				
211				
212				
213				
214				
215				
216				
217				
218				
219				
220				

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BORING LOG

Boring No.: PW07

PROJECT: Anchor Lith Kem Ko

PROJECT No.: 101351

Depth (ft)	Screen Interval	Packing	PID Reading	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
220				
221	7			End of Boring at 221 ft bgs
222				
223				Notes: - Approximately 6,000 gallons of water used - 150 pounds of revert (Variflow QD) used (57'-223') Variflow QD is a coarse granular, high viscosity blend of guar gum formualted for easy and quick dispersion in drilling applications. Coarser granules prevent lumps or encapsulation. - For clay distribution refer to gamma log.
224				
225				
226				
227				- Type 1 sand
228				- Bentonite
229				- Screen Interval
230				- Portland grout
231				- Type 00 sand
232				- Bentonite slurry
233				Drum Count - 5 Soil - 7 Mix - 1 Liquid - 1 Decon pad
234				
235				
236				
237				
238				
239				
240				

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-1

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 7, 2008		5. DATE WELL COMPLETED: May 7, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.138 gal WELL TD: 70 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
9:01	57.5	60							Controller at 90 ft head
									Pump placed at 65 ft bgs
9:35			18.83	987	9.91	4.72	49	105	(CPM4-7-8)
9:40			19.19	974	9.82	4.7	52	467	
9:50			18.32	952	10.34	4.72	38	566	
									Well purged dry
									Smell of rotten garbage
									Purged vol = 1 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-2

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 7, 2008		5. DATE WELL COMPLETED: May 7, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.248 gal WELL TD: 80 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
10:25	57.5	80							Controller at 100 ft head
									Pump placed at 70 ft bgs
10:30			20.39	338	9.94	4.93	56	648	(CPM4-8-7)
10:40			20.62	825	9.9	4.8	29	117	
10:55			20.53	889	10.06	4.76	37	206	
11:05			20.63	881	10.04	4.71	32	185	
11:15			20.1	823	10.37	4.65	32	203	
11:25			21.33	762	9.9	4.64	30	164	
11:35			21.56	788	12.49	4.63	38	209	
									Well purged dry
									Smell of rotten garbage
									Purged vol = 1.25 gallons
									Filter surrounded ny fine sand

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-3

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 7, 2008		5. DATE WELL COMPLETED: May 7, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.358 gal WELL TD: 90 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
9:05	57.5	60							Controller at 85 ft head
									Pump placed at 72 ft bgs
9:15			18.77	255	9.69	4.82	86	98	(CPM4-8-7)
9:30			19.35	533	9.62	4.71	75	89	
9:40		60	19.96	324	9.46	4.7	65	52.6	Controller at 100 ft head
									Pump placed at 85ft bgs
9:45			18.99	377	9.98	4.70	39	54.5	(CPM4-8-7)
9:55			19.27	716	10.02	4.73	15	49.6	
10:05			19.44	711	10.06	4.68	35	48	
									Smell of rotten garbage
									Purged vol = 0.75 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-4

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 7, 2008		5. DATE WELL COMPLETED: May 7, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.468 gal WELL TD: 100 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
12:15	57.5	60							Controller at 100 ft head
									Pump placed at 75 ft bgs
12:25			26.65	355	10.06	4.74	48	118	(CPM3-10-10)
12:35			26.52	565	10.17	4.67	38	113	
12:50			26.16	683	10.27	4.64	27	92.5	
13:00			26.26	731	9.83	4.61	41	4.8	
13:07		60							Controller at 130 ft head
									Pump placed at 97 ft bgs
13:15			26.71	737	9.65	4.63	36	271	(CPM4-8-7)
13:25			25.21	768	10.43	4.63	33	70.8	
13:55			25.18	758	10.43	4.62	30	10.4	
									Purged vol = 1 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-5

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 7, 2008		5. DATE WELL COMPLETED: May 7, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.578 gal WELL TD: 110 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
15:22	57.5	60							Controller at 100 ft head
									Pump placed at 75 ft bgs
15:40			25.13	345	9.44	4.6	76	102	(CPM2-15-15)
15:50			25.48	588	9.39	4.56	50	28.3	
16:00		100							Controller at 130 ft head
									Pump placed at 105 ft bgs
16:05			22.42	706	10.54	4.55	45	349	(CPM2-15-15)
16:15			22.17	708	10.51	4.54	41	763	
16:20			21.92	698	10.63	4.54	45	302	
16:30			21.04	705	10.99	4.55	27	248	
16:40			20.78	701	11.01	4.56	23	32.2	
									Purged vol = 1.5 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-6

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 7, 2008		5. DATE WELL COMPLETED: May 7, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.688 gal WELL TD: 120 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
13:10	57.5	60							Controller at 100 ft head
									Pump placed at 75 ft bgs
13:20			26.56	296	9.74	4.66	81	90.5	(CPM2-15-15)
13:30			26.36	297	9.89	4.63	68	62.3	
13:40			26.12	306	9.92	4.63	57	65.6	
13:50			27.04	439	9.48	4.62	58	68.2	
14:00			26.23	712	10.04	4.73	13	43.7	
14:08		100							Controller at 130 ft head
									Pump placed at 118 ft bgs
14:15			22.36	856	11.89	4.76	12	387	(CPM2-18-12)
14:25			22.26	765	11.97	4.75	10	196	
14:35			22.27	743	11.96	4.74	11	172	
14:45			21.72	672	12.03	4.72	13	175	
14:55			21.32	618	12.12	4.7	5	107	
15:15			21.13	650	11.45	4.72	-7	171	
15:20			20.69	619	11.61	4.71	-8	162	
									Purged vol = 2.25 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-7

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 7, 2008		5. DATE WELL COMPLETED: May 7, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.798 gal WELL TD: 130 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
10:35	57.5	60							Controller at 100 ft head
									Pump placed at 75 ft bgs
10:50			25.11	317	8.23	5.2	46	239	(CPM2-15-15)
11:00			24.1	259	8.71	4.75	63	148	
11:10			24.37	264	8.62	4.7	62	127	
11:20			24.76	319	8.52	4.67	55	117	
11:30			26.02	596	10.26	4.65	52	73.5	
11:40			26.06	681	10.34	4.64	38	39.6	
11:50		90							Controller at 140 ft head
									Pump placed at 128 ft bgs
12:00			22.78	696	11.97	4.61	27	N/R	(CPM2-18-12)
12:05			20.73	718	13.06	4.55	19	266	
12:10			20.95	662	12.96	4.54	19	249	
12:20			20.93	616	12.84	4.53	17	235	
12:30			20.53	576	13.34	4.51	25	269	
12:45			19.89	557	13.53	4.51	24	269	
									Purged vol = 2 gallon
									Pump screen covered with fine sand

Pump Type: Micro double valve pump

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-1

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: April 30, 2008		5. DATE WELL COMPLETED: April 30, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.154 gal WELL TD: 70 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
8:30	56	80	10.91	288	10.54	4.16		74.3	Controller at 100 ft head
8:40									Well purged dry. Stopped for well to recharge
9:05		40	10.72	306	11.13	4.49		39.2	Controller at 80 ft head
9:10			11.36	324	8.45	4.71		34.30	
9:20			11.51	321	8.96	4.76		33.10	
									Purged Vol = 1 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-1

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: April 30, 2008		5. DATE WELL COMPLETED: April 30, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.319 gal WELL TD: 85 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
9:55	56	120	12.5	303	9.93	5.04		83.4	Controller at 95 ft head
10:10			13.42	472	10.19	4.54		19.1	
10:15			13.54	480	10.13	4.55		9.2	
10:20			13.35	476	10.28	4.56		21.80	
12:35									DEC recommended using 0.011 gal/ft
									Purging stopped immediately
									Purged Vol = 3.5 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-3

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: April 30, 2008		5. DATE WELL COMPLETED: April 30, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR		

ONE WELL VOLUME : 0.484 gal WELL TD: 100 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
13:00	56	100	14.3	171	10.09	5.28		154	Controller at 110 ft head
									Pump placed at 70 ft bgs
13:15			14.37	292	10.57	4.58		66.3	
13:20			14.85	374	10.35	4.55		45.6	Purged 1/2 well volume
13:50		80	14.93	486	10.83	4.59		71.7	Controller at 125 ft head
									Pump placed at 95 ft bgs
13:55			16.55	488	10.31	4.54		63.90	
14:05			16.75	497	10.37	4.57		46.80	
14:10			17.05	510	10.35	4.58		45.80	
14:15			16.05	515	10.72	4.53		45	
									Purged Vol = 1 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-4

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: April 30, 2008		5. DATE WELL COMPLETED: April 30, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.649 gal WELL TD: 115 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
15:20	56	80	15.68	165	10.86	5.75		69.5	Controller at 110 ft head
									Pump placed at 85 ft bgs
15:25			15.39	149	10.68	5.44		25	
15:30			16.51	150	10.56	5.37		24.5	
15:35			16.13	150	10.74	5.37		26.1	
15:40			16.12	155	10.78	5.33		29.20	
15:45			15.91	198	10.93	5.29		46.70	Purged 1/2 well volume
15:50		100	15.69	475	10.88	5.20		299.00	Controller at 135 ft head
									Pump placed at 130 ft bgs
15:55			15.62	517	10.86	5.19		106	
16:00			15.27	504	10.9	5.23		78.4	
16:05			15.45	498	10.9	5.19		54.7	
16:15			15.71	478	10.97	5.19		37	
16:20			15.63	468	10.81	5.18		36.5	
									Purged Vol = 1 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-5

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 1, 2008		5. DATE WELL COMPLETED: May 1, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.814 gal WELL TD: 130 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
7:45	56	60							Controller at 100 ft head
									Pump placed at 80 ft bgs
7:55			8.77	392	12.18	5.42		52.3	
8:05			11.01	208	6.31	5.37		16.5	
8:20			10.43	156	11.26	5.44		4.8	Pump placed at 90 ft bgs
8:25			11.11	156	10.83	5.34		0.80	
8:37		100							Controller at 140 ft head
									Pump placed at 125 ft bgs
8:45			13.3	684	10.03	6.02		127.00	
8:55			13.51	1010	10.01	6.14		40.4	
9:05			13.72	1000	10.08	5.98		13.9	
9:15			13.84	950	9.89	6.25		4.2	
9:25			14.03	792	9.99	6.27		7.2	
									Purged Vol = 2.5 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-6

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 1, 2008		5. DATE WELL COMPLETED: May 1, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.979 gal WELL TD: 145 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
10:46	56	80							Controller at 110 ft head
									Pump placed at 90 ft bgs
11:35			18.51	187	10.03	6.18		142	
12:00			19.53	169	9.27	5.79		33.5	
12:20		100	17.14	694	9.94	5.22		153	Controller at 160 ft head
									Pump placed at 140 ft bgs
12:35			16.37	799	10.57	5.13		89	(CPM4-10-5)
12:55			17.16	756	9.32	5.11		43.30	
13:10			17.59	757	9.32	5.15		47.60	
13:30			17.09	745	9.6	5.16		49.3	
									Purged Vol = 1.75 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-7

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 1, 2008		5. DATE WELL COMPLETED: May 1, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.832 gal WELL TD: 160 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
14:40	56	80	18.29	847	9.87	6.7		114	Controller at 100 ft head
									Pump placed at 85 ft bgs
15:07			17.25	205	9.92	6.88		14.2	
15:15			18.61	180	9.33	6.26		28.7	
15:20		80							Controller at 165 ft head
									Pump placed at 155 ft bgs
15:25			19.55	160	9.01	6.21		19	(CPM3-11-9)
15:30			19.25	166	9.04	5.84		61.40	
15:35			19.02	204	9.21	5.94		104.00	
15:45			18.48	458	9.33	6.23		29.2	
15:50			18.46	510	9.39	5.88		38.4	
15:55			18.48	528	9.36	5.84		28.7	
									Purged Vol = 1 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-1

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: April 29, 2008		5. DATE WELL COMPLETED: April 29, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR		

ONE WELL VOLUME : 0.176 gal WELL TD: 72 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
9:30	56	100							
9:45			9.86	609	-	458		34	
9:50			10.02	608	12.21	4.59		34	
9:55			9.95	619	12.2	4.59		35.50	
10:00			9.97	621	12.2	4.60		38.30	
10:15			9.51	654	12.45	4.67		28.00	Purged Vol = 1.5 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-2

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: April 29, 2008		5. DATE WELL COMPLETED: April 29, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.319 gal WELL TD: 85 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
11:45	56	80	11.11	190	11.55	5.48		39	
11:50			11.16	473	11.19	5.86		17	
12:00			11.2	697	11.2	6.3		16.3	
12:15			12.01	705	11.24	6.43		17.40	
12:40			11.6	745	11.5	6.51		23.00	
13:05			11.85	12.2	9.26	6.60		14.50	Purged Vol = 2 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-3

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: April 29, 2008		5. DATE WELL COMPLETED: April 29, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR		

ONE WELL VOLUME : 0.484 gal WELL TD: 100 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
13:45	56	100	10.24	188	11.83	5.82		500	
14:00			10.15	259	12.2	6.21		122	
14:15			9.76	300	12.33	6.32		125	
14:45			12.47	302	11.65	6.42		96.00	
15:00			12.76	300	11.6	6.40		62.50	
15:15			13.17	300	11.42	6.36		55.70	
15:20			13.56	290	11.31	6.35		47.40	
15:25			13.65	296	11.23	6.35		44.1	Purged Vol = 2.5 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-4

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: April 30, 2008		5. DATE WELL COMPLETED: April 30, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.649 gal WELL TD: 115 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
8:50	56	80	11.39	341	11.18	5.5		482	
9:05			11.67	466	5.78	5.97		341	
9:15			11.78	990	5.61	6.11		86.4	
9:25			11.89	1050	6.33	6.01		27.70	
9:40			12.27	990	5.8	6.39		31.20	
12:38									DEC recommended using 0.011 gal/ft
									Purging stopped immediately
									Purged Vol = 5.5 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-5

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: April 30, 2008		5. DATE WELL COMPLETED: April 30, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.814 gal WELL TD: 130 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
13:30	56	80	14.78	157	10.69	5.6		111	Controller at 90 ft head
									Pump at 75 ft bgs
13:35			14.33	151	10.98	5.45		42	
13:45			14.87	151	10.96	5.54		34	
13:51			14.62	154	10.81	5.57		28	
14:20		150	14.73	336	11.2	5.75		78.30	Controller at 150 ft head
									Pump placed at 125 ft
14:30			14.84	412	11.22	5.89		68.90	
14:35			14.17	421	11.55	6.02		44.30	
14:40			14.39	422	11.45	6.04		45.1	
14:45			14.89	406	11.25	6.09		45.1	
									Purged Vol = 1.25 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-6

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 1, 2008		5. DATE WELL COMPLETED: May 1, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR		

ONE WELL VOLUME : 0.979 gal WELL TD: 145 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
7:30	56	100							Controller at 130 ft head
									Pump placed at 80 ft bgs
7:40			9.02	290	11.79	4.19		33.1	
7:50			10.31	185	11.24	4.72		22.9	
8:00			10.62	247	11.16	4.75		25.1	Purged 1/2 well volume
8:25		100							Controller at 145 ft head
									Pump placed at 130 ft bgs
8:30			12.63	647	10.18	4.63		6.20	
8:40			13.08	717	10.13	4.69		7.20	
8:50			13.13	719	10.09	4.77		4.3	
9:00			13.16	726	10.16	4.88		7.3	
9:10			13.48	727	10.18	4.87		6.9	
9:20			13.59	722	10.21	4.87		13.1	
									Purged Vol = 2.5 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-7

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 1, 2008		5. DATE WELL COMPLETED: May 1, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.832 gal WELL TD: 160 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
9:55	56	60							Controller at 110 ft head
									Pump placed at 80 ft bgs
12:03			17.76	528	9.32	4.92		270	Could not get continuous purge flow
									Moved pump to 155 ft bgs
12:15		60							Controller at 175 ft head
									(CPM3-14-6)
12:30			19.26	673	8.88	5.24		162	Pump placed at 90 ft bgs
12:50			18.63	653	8.48	5.34		55.60	(CPM3-12-8)
13:00			19.14	613	8.65	5.45		37.60	
13:20			19.13	620	8.73	5.55		45.40	
13:35			20.13	632	8.39	5.51		31.3	
									Purged Vol = 2 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-1

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 2, 2008		5. DATE WELL COMPLETED: May 2, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.209 gal WELL TD: 71 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
9:10	52	60							Controller at 80 ft head
									Pump placed at 65 ft bgs
9:20			13.73	385	10.79	5.12		477	(CPM4-9-6)
9:30			13.53	477	10.81	5.46		136	
9:40			13.66	778	10.68	5.62		53.1	
9:50			13.6	910	10.67	5.66		24.5	
10:00			13.81	814	10.57	5.64		16.90	
10:10			13.94	796	10.51	5.63		20.00	
10:20			14.2	789	10.49	5.63		20.9	
									Purged Vol = 1 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-2

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 2, 2008		5. DATE WELL COMPLETED: May 2, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.374 gal WELL TD: 86 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
10:50	52	90	14.63	337	10.48	5.44		153	Controller at 90 ft head
									Pump placed at 70 ft bgs
11:00			14.79	442	10.4	5.35		120	(CPM4-11-9)
11:10			15.05	693	10.37	5.55		467	
11:15			15.1	703	10.29	5.6		45.4	
11:30		120	15.14	728	10.22	5.61		104.0	Controller at 110 ft head
									Pump placed at 80 ft bgs
11:35			15.19	749	10.26	5.47		99.20	(CPM4-10-10)
11:45			15.1	686	10.41	5.58		88.30	
11:55			15.15	647	10.42	5.56		47.9	
12:05			15.26	605	10.38	5.55		46.2	
12:15			15.02	563	10.51	5.53		34.7	
12:25			14.95	535	10.54	5.54		42.2	
									Purged Vol = 2 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-3

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 5, 2008		5. DATE WELL COMPLETED: May 5, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.528 gal WELL TD: 100 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
8:31	52	60							Controller at 95 ft head
									Pump placed at 70 ft bgs
8:35			15.59	262	10.59	5.52		674	(CPM3-10-10)
9:05			16.93	408	10.18	5.51		194	
9:15		100							Controller at 120 ft head
									Pump placed at 95 ft bgs
9:20			17.65	414	10.1	5.63		330	(CPM3-10-10)
9:30			18.59	398	9.82	5.49		212	
9:45			18.11	388	10.25	5.57		181.00	
9:55			18.07	371	10.47	5.53		137	
10:10			18.38	356	10.67	5.57		116	
10:25			18.64	344	10.48	5.53		113	
10:35			18.8	347	10.28	5.49		105	
10:45			19.32	327	10.05	5.6		82	
									Purged more than 3 well volumes.
									Purged vol = 3 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-4

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 5, 2008		5. DATE WELL COMPLETED: May 5, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.693 gal WELL TD: 115 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
11:10	52	80							Controller at 90 ft head
									Pump placed at 75 ft bgs
11:15			22.03	215	9.32	5.73		140	(CPM3-10-10)
11:25			22.07	188	9.28	5.09		202	
11:40			22.69	216	9.14	4.94		67	
11:55		80	21.62	566	9.58	5.44		850	Controller at 125 ft head
									Pump placed at 110 ft bgs
12:05			20.43	700	9.97	5.48		455	(CPM3-10-10)
12:15			20.53	678	10.12	5.42		487.00	
12:25			20.76	669	10.11	5.41		347	
12:30			20.45	647	10.15	5.48		205	
12:40			20.55	611	10.01	5.46		114	
12:50			20.81	595	9.96	5.43		104	
13:00			20.93	564	9.78	5.51		133	
13:10			20.99	534	9.63	5.47		35.2	
13:30			20.94	512	9.62	5.51		84	Purged more than 3 well volumes.
									Purged vol = 3 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-5

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 5, 2008		5. DATE WELL COMPLETED: May 5, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.858 gal WELL TD: 130 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
14:05	52	80	24.44	230	9.82	5.09		863	Controller at 90 ft head
									Pump placed at 75 ft bgs
14:45			25.73	355	10.16	5.09		321	(CPM2-10-20)
15:00			25.32	398	10.55	5.16		322	
15:10			23.77	422	10.35	5.15		120	
15:20			25.3	437	10.43	5.18		187	Controller at 150 ft head
									Pump placed at 135 ft bgs
15:30			20.38	474	12.47	5.16		716	(CPM3-10-10)
15:40			19.35	491	12.75	5.17		290	
15:50			19.17	500	12.65	5.17		240	
16:00			19.23	499	12.33	5.19		228	
									Purged 3 well volumes.
									Purged vol = 2.5 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-6

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 6, 2008		5. DATE WELL COMPLETED: May 6, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 1.298 gal WELL TD: 170 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
7:30	52	70							Controller at 90 ft head
									Pump placed at 75 ft bgs
7:40			14.58	315	10.02	4.97	91	475	(CPM2-15-15)
7:50			16.37	218	9.89	5.01	55	497	
8:05			15.8	239	10.29	5.04	73	457	
8:15			15.83	268	10.36	5.07	60	797	
8:25			16.69	341	10.11	5.29	7	707	
8:43			17.12	369	10.02	5.39		239	
8:55			17.82	383	9.83	5.49	-1	105	
9:29		80							Controller at 140 ft head
									Pump placed at 135 ft bgs
9:37			17.54	385	10.23	5.53		187	(CPM2-20-10)
9:47			17:30	381	10.28	5.54	-3	157	
10:00			17.72	368	10.36	5.63	-7	230	
10:10			18.02	356	10.47	5.61	-4	287	
10:20			17.95	572	10.6	5.72	-10	235	
10:30			17.93	356	10.72	5.74	-13	210	
									Purged vol = 2.5 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-7

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 6, 2008		5. DATE WELL COMPLETED: May 6, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.864 gal WELL TD: 160 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
12:00	52	80	23.02	448	9.26	5.65	-9	260	Controller at 85 ft head
									Pump placed at 75 ft bgs
12:10			22.1	407	9.36	5.54	5	210	(CPM4-7.5-7.5)
12:20			23.96	415	8.96	5.54	3	196	
12:30			23.21	434	9.16	5.47	8	201	
12:45			22.92	435	9.29	5.53	7	195	
13:40		100							Controller at 170 ft head
									Pump placed at 155 ft bgs
14:00			27.68	407	7.58	5.48	5	70	(CPM2-20-10)
14:10			28.09	415	7.42	5.42	9	24.3	
14:20			28.56	410	7.26	5.5	15	14.7	
									Purged vol = 2 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-1

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 13, 2008		5. DATE WELL COMPLETED: June 13, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.222 gal WELL TD: 75 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
7:20	54.8	60							Controller at 100 ft head
									Pump placed at 68.5 ft bgs
7:30									(CPM2-15-15)
7:45			19.44	600	11.35	6.69	-22	N/R	
8:00			19.03	363	10.01	6.15	3	481	
8:15			19.65	500	10.6	6.58	-33	N/R	
8:30			21.61	400	9.68	6.63	-31	N/R	
8:45			23.81	999	9.91	6.66	-29	N/R	
9:00			24.02	900	9.68	6.68	-26	N/R	
9:15			24.98	850	9.34	6.1	-15	N/R	
9:30			24.56	900	9.61	6.53	-30	N/R	
9:45			24.41	870	9.85	6.71	-31	N/R	
									Purged vol = 1 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-2

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 12, 2008		5. DATE WELL COMPLETED: June 12, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.44 gal WELL TD: 95 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
8:00	54.8								Controller at 100 ft head
									Pump placed at 90 ft bgs
									(CPM2-15-15)
14:05		80	24.02	673	8.46	7.51	-109		
14:20			24.21	400	8.08	7.11	-179	991	
14:35			24.81	400	8.12	7.23	-180	N/R	
14:50			24.28	300	8.35	7.13	-182	N/R	
15:05			23.45	990	7.91	6.90	-155	N/R	
15:20			24.15	400	7.99	7.23	-165	N/R	
15:35			22.51	500	8.12	7.17	-235	N/R	
15:50			23.28	431	7.74	6.95	-238	N/R	
16:05			24.81	485	8.19	7.15	-212	N/R	
16:20			24.61	445	8.05	7.1	-232	N/R	
									Purged vol = 2.5 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-3

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 12, 2008		5. DATE WELL COMPLETED: June 12, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.71 gal WELL TD: 120 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
8:15	54.8	70							Controller at 105 ft head
									Pump placed at 115 ft bgs
									(CPM2-15-15)
11:30									
11:45			28.07	483	6.94	7.31	-92	991	
12:00			26.39	717	7.45	7.01	-222	N/R	
12:15			26.44	740	7.21	6.89	-308	N/R	
									Pump placed at 215 ft bgs
12:30			26.6	702	7.44	6.88	-317	N/R	
12:45			26.57	672	7.47	6.87	-323	N/R	
13:00			26.87	649	7.57	6.93	-285	N/R	
13:25			27.01	676	7.24	6.64	-358	549	
									Purged vol = 2 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-4

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 12, 2008		5. DATE WELL COMPLETED: June 12, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.99 gal WELL TD: 145 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
8:05	54.8	100							Controller at 150 ft head
									Pump placed at 140 ft bgs
									(CPM2-15-15)
8:30			17.55	560	10.88	6.81	-63	N/R	
8:45			17.68	629	10.37	7.7	-140	991	
9:00			18,65	675	10.58	8.12	-186	N/R	
9:15			18.71	720	10.44	7.38	-222	N/R	
9:30			18.37	736	10.43	7.13	-242	N/R	
9:45			18.46	731	9.73	6.79	-265	N/R	
10:00			19.02	702	10.17	7.03	-278	N/R	
10:15			18.85	732	10.68	6.98	-310	549	
10:30			19.13	743	7.82	6.95	-300	N/R	
									Purged vol = 4 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-5

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 12, 2008		5. DATE WELL COMPLETED: June 12, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 1.26 gal WELL TD: 170 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
8:00	54.8								Controller at 165 ft head
									Pump placed at 165 ft bgs
									(CPM2-15-15)
14:10		85	33.85	200	5.32	7.25	-73	N/R	
14:25			34.81	100	5.31	7.21	-81	N/R	
14:40			32.13	200	5.57	7.03	-104	N/R	
15:05			32.13	500	5.56	6.89	-129	N/R	
15:20			33.23	200	5.98	6.98	-135	N/R	
15:35			31.64	131	5.59	6.89	-176	N/R	
15:50			30.46	124	5.71	6.82	-185	N/R	
16:05			31.23	151	5.75	6.79	-165	N/R	
16:25			31.65	145	5.61	6.92	-103	N/R	
									Purged vol = 3.5 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-6

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 12, 2008		5. DATE WELL COMPLETED: June 12, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 1.54 gal WELL TD: 195 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
8:20	54.8								Controller at 190 ft head
									Pump placed at 185 ft bgs
									(CPM2-15-15)
11:45		80							
12:00			30.82	743	6.22	7.07	-55	991	
12:15			30.15	574	6.2	7.10	-110	N/R	
12:30			30.35	840	6.32	6.91	-72	N/R	
12:45			30.47	981	6.45	6.24	-101	N/R	
13:00			29.57	3	6.7	6.81	-126	N/R	
13:30			30.43	1450	6.16	6.83	-55	N/R	
13:45			29.92	990	6.49	6.97	-11	N/R	
									Purged for 2 hours
									Purged vol = 2 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-7

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 12, 2008		5. DATE WELL COMPLETED: June 12, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 1.32 gal WELL TD: 220 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
8:10	54.8	60							Controller at 170 ft head
									Pump placed at 150 ft bgs
									(CPM2-15-15)
8:30			20.73	531	8.95	7.38	49	N/R	
8:45			21.51	287	9.09	7.92	7	991	
9:00			23.01	907	8.3	7.96	-13	N/R	
9:15			24.17	932	8.01	7.41	-52	N/R	
									Pump placed at 215 ft bgs
9:30								N/R	
9:45			22.73	1470	8.06	7.04	-94	N/R	
10:00			21.59	1810	8.71	7.02	-140	N/R	
10:15			22.39	2020	8.93	7.04	-192	549	
10:30			22.06	2140	8.64	6.87	-168	N/R	
10:45			23.06	2250	8.02	6.94	-172	N/R	
									Purged vol = 4 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-1

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 10, 2008		5. DATE WELL COMPLETED: June 10, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.171 gal WELL TD: 70 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
8:20	54.5	90							Controller at 90 ft head
									Pump placed at 65 ft bgs
8:35			28.31	323	8.03	5.50	20	358	(CPM3-11-9)
8:45			27.80	279	8.20	5.61	-5	358	
8:57				276		5.42			
9:15			28.35	323	9.09	5.75	-34	N/R	
9:35			29.9	312	7.92	5.59	-39	N/R	
9:45		90	28.82	315	8.46	5.72	-51	N/R	
9:50									
									Purged vol = 1 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-2

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 10, 2008		5. DATE WELL COMPLETED: June 10, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.39 gal WELL TD: 90 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
10:40	54.5	90							Controller at 90 ft head
									Pump placed at 70 ft bgs
10:50			29.63	440	8.01	5.81	-15	N/R	(CPM3-10-10)
11:00			29.88	734	7.95	5.02	-14	N/R	
11:10			30.07	1450	7.45	4.87	-21	98	Pump moved to 85 ft
									Controller at 100 ft head
10:30			28.65	1590	7.58	4.90	-39	115	
11:40			29.24	1580	7.39	4.93	-29	86.6	
11:55			29.14	1540	7.32	4.95	-25	65.3	
12:05			29.98	1530	6.86	4.98	-26	45.7	
									Purged vol = 1.3 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-3

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 10, 2008		5. DATE WELL COMPLETED: June 10, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.66 gal WELL TD: 118 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
12:42	54.5	90							Controller at 105 ft head
									Pump placed at 85 ft bgs
13:00			24.78	510	8.05	6.12	-65	N/R	(CPM3-10-10)
13:30			24.52	409	7.69	5.70	-33	N/R	
13:35		120							Controller at 110 ft head
13:45			24.16	394	7.75	5.51	-30	N/R	
14:00		100							Pump at 115 ft
									Controller at 115 ft head
14:18			31.11	394	6.05	5.45	-2	N/R	
14:28			31.49	394	5.78	5.43	3	550	
14:47			31.40	398	5.76	5.47	-1	337	
15:00			31.10	382	5.80	5.63	-11	N/R	
									Purged vol = 2 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-4

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 10, 2008		5. DATE WELL COMPLETED: June 10, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 1.05 gal WELL TD: 150 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
16:15	54.5	80							Controller at 160 ft head
									Pump at 145 ft
									(CPM3-10-10)
16:30			21.6	383	9.43	5.20	-258	194	
16:45			21.59	887	9.02	4.96	-278	97.8	
17:00			20.91	1390	8.9	5.02	-299	98.3	
17:15			20.76	1380	8.9	4.98	-311	183	
17:30			19.89	1430	9.73	4.92	-271	107	
17:45			20.9	1440	9.87	4.95	-262	165	
18:00			19.51	1430	9.63	5	-240	136	
18:15			19.52	1380	10.25	4.99	-240	101	
18:30			20.09	1330	10.16	4.97	-259	189	
									Purged vol = 3.4 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-5

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 11, 2008		5. DATE WELL COMPLETED: June 11, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 1.22 gal WELL TD: 165 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
08:10	54.5	60							Controller at 100 ft head
		100							Pump placed at 85 ft bgs
08:30			21.73	400	10.87	5.72	-22	496	(CPM3-10-10)
08:45			20.7	288	12.48	5.48	-39	565	
09:00			21.03	373	12.35	5.05	-26	486	Pump moved to 85 ft
09:10			20.79	544	12.48	5.04	-16	472	
09:25		80							Pump at 115 ft
		165							
09:45			28.49	835	8.98	4.95	-16	N/R	
10:00			28.52	811	8.68	4.96	-16	596	
10:15			28.9	847	7.88	4.94	-34	737	
10:30			29.68	811	7.97	4.87	-23	613	
10:45			29.05	787	7.86	4.82	-33	548	
11:00			29.63	777	7.56	4.78		654	
									Purged vol = 3.68 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-6

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 10, 2008		5. DATE WELL COMPLETED: June 10, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 1.33 gal WELL TD: 180 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
11:50	54.5	80							Controller at 100 ft head
									Pump at 90 ft
12:30			33.19	410	6.34	4.71	-96	743	No flow obtained
									Pump at 175 ft
12:45			32.43	380	6.5	4.69	-104	305	(CPM3-10-10)
13:00			32.62	671	6.4	4.69	-102	236	
13:15			32.39	2	6.35	4.70	-196	239	
13:30			33	718	6.13	4.72	-201	196	
13:45			33.35	702	5.91	4.71	-204	182.0	(CPM2-12-18)
14:00			32.92	701	5.97	4.69	-214	158	
14:15			33.01	698	5.78	4.69	-198	169	
14:30			33.1	697	5.78	4.68	-201	175	
									Purged for 2 hours
									Purged vol = 3.5 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-7

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: June 10, 2008		5. DATE WELL COMPLETED: June 10, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR		

ONE WELL VOLUME : 1.34 gal WELL TD: 222 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
15:50	54.5	60							Controller at 180 ft head
									Pump at 160 ft
16:15			31.76	162	6.33	4.78	-144	N/R	
									(CPM2-15-15)
16:30			30.28	159	6.56	4.76	-147	N/R	
16:45			29.74	259	6.43	4.76	-242	N/R	
17:00			28.59	435	6.43	4.89	-260	N/R	
17:15			27.41	471	6.63	4.93	-270	N/R	
17:30			27.35	450	7.72	5.15	-192	N/R	
									Placed pump at 215 ft
17:45		120							Controller at 230 ft head
18:00			24.42	409	8.09	5.13	-219	N/R	
18:15			28.75	374	9.1	5.15	-185	N/R	
18:30			22.53	347	9.34	5.13	-262	N/R	
18:45			21.3	336	9.29	5.15	-204	N/R	
									Purged vol = 3 gallon
									Fine sand on the screen noted after
									pump was withdrawn

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-1

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 2, 2008		5. DATE WELL COMPLETED: May 2, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.209 gal WELL TD: 71 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
9:40	52	60							Controller at 80 ft head
									Pump placed at 65 ft bgs
9:45			13.92	285	10.53	5.63		220	(CPM4-11-9)
9:55			13.96	311	10.51	5.68		167	
10:05			14.26	287	10.38	5.56		77.6	
10:15			14.52	301	10.37	5.68		48.3	
10:25			14.81	265	10.36	5.42		42.50	
10:35			15.17	260	10.19	5.38		38.60	
									Purged Vol = 0.75 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-2

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 2, 2008		5. DATE WELL COMPLETED: May 2, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.473 gal WELL TD: 95 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
11:20	52	90							Controller at 100 ft head
									Pump placed at 70 ft bgs
11:40			15.2	388	10.3	5.7		65	(CPM4-10-10)
11:45			15.37	362	10.31	5.71		32.9	Controller at 110 ft head
									Pump placed at 90 ft bgs
12:00			15.42	343	10.3	5.72		25.2	(CPM4-10-10)
12:10			15.46	319	10.3	5.84		22.7	
12:20			15.16	332	10.44	5.64		27.50	
									Purged Vol = 1.25 gallon

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-3

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 5, 2008		5. DATE WELL COMPLETED: May 5, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 0.759 gal WELL TD: 120 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
8:15	51	90	15.55	347	10.73	5.22		265	Controller at 90 ft head
									Pump placed at 75 ft bgs
8:20			15.95	312	10.48	5.29		299	(CPM3-8-12)
8:35			17.06	402	10.05	4.93		181	
9:30			18.53	452	9.82	5.1		530	
9:40			19.37	444	9.62	5.10		354	
10:05			19.33	453	9.94	5.18		295	
10:15		120							Controller at 130 ft head
									Pump placed at 115 ft bgs
10:20			17.96	426	10.84	5.18		468	(CPM3-10-10)
10:30			18.32	388	10.54	5.21		176	
10:40			18.18	387	10.61	5.12		154	
10:50			18.41	386	10.62	5.18		168	
11:00			18.85	356	10.31	5.17		114	
									Purged more than 3 well volumes.

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-4

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 5, 2008		5. DATE WELL COMPLETED: May 5, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 1.023 gal WELL TD: 145 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
11:33	52	80							Controller at 95 ft head
									Pump placed at 75 ft bgs
11:40			24.18	434	8.62	5.87		240	(CPM3-10-10)
11:50			23.39	197	8.88	5.05		129	
12:00			24.88	200	8.34	5.03		197	
12:10			25.57	207	8.17	5.04		177	
12:20			25.42	232	8.29	4.97		182	
12:30		90	20.68	394	10.09	5.11		268	Controller at 150 ft head
									Pump placed at 135 ft bgs
12:40			18.64	512	10.81	5.13		234	(CPM3-10-10)
12:50			19.48	475	10.56	5.12		204	
13:03			18.35	435	10.89	5.21		224	
13:11			18.46	422	10.82	5.2		235	
13:20			18.44	413	10.77	5.15		224	
13:35			18.38	401	10.8	5.19		223	
13:45			18.01	440	10.82	5.22		229	Purged 3 well volumes.
									Purged vol = 3 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-5

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 5, 2008		5. DATE WELL COMPLETED: May 5, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 1.309 gal WELL TD: 170 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
15:00	51	60							Controller at 120 ft head
									Pump placed at 90 ft bgs
15:15			29.2	235	8.85	4.88		440	(CPM2-16-14)
15:30			29.68	308	8.45	4.89		244	
16:00			27.57	438	8.51	4.98		N/R	
16:15			27.01	458	8.7	5.09		N/R	
16:30			26.66	465	8.89	5.10		N/R	
7:35		80							Controller at 180 ft head
									Pump placed at 165 ft bgs
8:05			16.5	434	9.93	5.08		N/R	(CPM2-20-1((5/6/08)
8:12			16.1	422	10.21	5.05		238	
8:20			16.63	418	10.02	5.1		145	
8:30			17.39	449	9.76	5.22		74.5	
8:40			17.88	414	9.64	5.24		40.5	
8:50			18.69	383	9.37	5.3		25.6	
									Purged vol = 1.25 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-6

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 6, 2008		5. DATE WELL COMPLETED: May 6, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR:		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 1.573 gal WELL TD: 195 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
9:27	52	60							Controller at 95 ft head
									Pump placed at 75 ft bgs
9:35			19.15	258	9.5	5.59	14	871	(CPM2-17-13)
9:45			19.28	186	9.4	5.12	54	175	
9:55			20.95	184	8.95	5.14	64	153	
10:10			21.65	185	8.87	5.10	60	104	
10:35		80							Controller at 200 ft head
									Pump placed at 190 ft bgs
11:45			27.98	668	7.44	4.92	50	289	(CPM2-20-10)
12:00			27.87	686	7.51	4.92	47	232	
12:15			27.76	687	7.6	4.95	51	43.8	
12:30			27.71	638	7.59	4.93	49	25.1	
									Purged vol = 2 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-7

WELL DEVELOPMENT FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET 1 OF 1 SHEETS
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: May 6, 2008		5. DATE WELL COMPLETED: May 6, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR		

ONE WELL VOLUME : 0.864 gal WELL TD: 160 ft PUMP INTAKE:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
13:02	52	60							Controller at 95 ft head
									Pump placed at 75 ft bgs
13:05			26.34	1810	7.93	7.13	-73	153	(CPM2-20-10)
13:15			23.5	206	8.83	5.26	48	252	
13:30			25.45	185	8.23	4.91	71	205	
13:50			26.42	186	7.99	4.82	80	163	
14:05			25.26	192	8.41	4.80	77	203	
14:45		100							Controller at 225 ft head
									Pump placed at 215 ft bgs
15:00			28.01	361	7.41	4.85	68	N/R	(CPM2-20-10)
15:25			27.34	402	7.57	4.71	75	781	
15:40			25.23	428	8.29	4.7	64	185	
15:50			12:14	418	8.54	4.7	61	153	
16:00			23.97	420	8.78	4.68	63	198	
16:10			23.05	418	9.06	4.68	62	211	
16:20			22.49	409	9.14	4.7	61	186	
									Purged vol = 2.5 gallons

Pump Type: Micro double valve pumps

Analytical Parameters: N/A

EarthTech

A tyco International Ltd. Company

WELL NO. MW-4

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 2, 2008		5. DATE WELL COMPLETED: July 2, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chatterjee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 84.44 ft PUMP INTAKE: 75 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	59.00								Static head
8:35	58.90								Pump On
8:40	58.95	325	17.1	0.156	17.43	5.7	123	12.9	
8:45	58.95	325	16.6	0.198	14.5	5.58	140	13.9	
8:50	58.95	325	16.6	0.199	14.88	5.55	147	10.8	
8:55	58.95	325	16.5	0.200	14.9	5.54	150	4.0	
9:00	58.95	325	16.6	0.200	13.75	5.52	154	5.5	
9:05	58.95	325	16.6	0.200	13.72	5.51	155	18.6	
9:10	58.95	325	16.6	0.200	13.71	5.50	157	20.1	
9:15	58.95	325	16.6	0.199	13.73	5.49	158	20.6	
9:20	58.95	325	16.6	0.198	13.73	5.50	161	21.9	
9:25									Collect sample MW-4

Pump Type: Bladder pump, Teflon tubing, Poly tubing 10/5 60psi

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. MW-5S

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 1, 2008		5. DATE WELL COMPLETED: July 1, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chatterjee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 83 ft PUMP INTAKE: 75 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.45								Static head
11:00	55.40	150	17.9	0.113	14.7	5.55	342	94.4	Pump On
11:05	55.50	250	16.4	0.099	13.45	5.52	368	45.5	
11:10	55.52	325	15.9	0.092	13.33	5.46	0.98	26.1	
11:15	55.48	325	15.9	0.090	12.88	5.44	399	35.5	
11:20	55.50	325	15.9	0.089	12.8	5.41	403	21.0	
11:25	55.52	325	16.2	0.089	12.84	5.42	403	21.5	
11:35	55.52	325	15.9	0.089	12.91	5.41	404	21.8	
11:40	55.52	325	15.8	0.088	12.95	5.39	405	21.3	
11:45	55.55	325	15.8	0.087	12.98	5.38	409	21.1	
11:50	55.55	325	15.8	0.086	12.95	5.35	410	20.9	
11:55	55.55	325	15.8	0.086	12.94	5.34	410	21.1	
12:00									Collect sample MW-5S
									MS/MSD
									Duplicate sample MW-55S

Pump Type: Bladder pump, Teflon tubing, Poly tubing 10/5 70psi

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. MW-5D

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 2, 2008		5. DATE WELL COMPLETED: July 2, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chatterjee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 122.8 ft PUMP INTAKE: 118 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.60								Static head
10:35	55.80	200							Pump On
10:40	55.50	200	16.9	0.261	16.00	6.00	122	36.9	
10:45	55.50	250	16.3	0.258	14.41	5.94	122	35.2	
10:50	55.48	325	15.8	0.259	13.54	5.91	124	34.8	
10:55	55.50	325	15.7	0.258	11.14	5.87	127	15.0	
11:00	55.50	325	15.5	0.257	10.24	5.85	132	10.4	
11:05	55.50	325	15.5	0.258	10.95	5.84	137	4.9	
11:10	55.50	325	15.5	0.258	10.94	5.82	142	15.1	
11:15	55.50	325	15.5	0.259	10.93	5.82	146	13.1	
11:20	55.50	325	15.5	0.260	10.93	5.80	149	16.1	
11:30									Collect sample MW-5D

Pump Type: Bladder pump, Teflon tubing, Poly tubing

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. MW-6S

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 2, 2008		5. DATE WELL COMPLETED: July 2, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chatterjee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 83.75 ft PUMP INTAKE: 75 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	58.57								Static head
16:30	58.55	325							Pump On
16:35	58.58	325	16.2	0.172	19.99	5.90	157	71.4	
16:40	58.57	325	15.0	0.164	14.20	5.53	187	49.4	
16:45	58.57	325	15.0	0.162	14.78	5.49	196	44.0	
16:50	58.58	325	15.0	0.161	14.95	5.46	202	44.6	
16:55	58.58	325	14.9	0.160	15.79	5.47	207	45.5	
17:00	58.58	325	14.9	0.160	15.80	5.47	210	46.8	
17:05	58.58	325	14.8	0.159	15.78	5.46	212	35.5	
17:10	58.58	325	14.8	0.159	15.80	5.46	213	37.0	
17:15	58.58	325	14.8	0.158	15.81	5.45	213	38.5	
17:20	58.59	325	14.8	0.158	15.82	5.45	214	37.5	
17:25									Collect sample MW-6S

Pump Type: Bladder pump, Teflon tubing, Poly tubing

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. MW-6D

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 2, 2008		5. DATE WELL COMPLETED: July 2, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chatterjee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 122.6 ft PUMP INTAKE: 118 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	58.75								Static head
14:40	58.78								Pump On
14:45	58.78	275	16.3	0.115	15.42	6.23	95	48.0	
14:50	58.80	425	15.5	0.131	10.66	5.96	128	52.2	
14:55	58.80	400	15.3	0.132	9.17	5.95	138	46.1	
15:00	58.80	340	15.8	0.132	9.91	5.94	157	27.7	
15:05	58.80	340	15.5	0.132	10.21	5.91	168	24.9	
15:10	58.80	340	15.4	0.131	11.71	5.91	167	17.1	
15:15	58.80	340	15.4	0.131	11.70	5.91	174	15.2	
15:20	58.80	340	15.4	0.131	11.70	5.92	174	11.0	
15:30									Collect sample MW-6D

Pump Type: Bladder pump, Teflon tubing, Poly tubing No well cover

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. MW-7S

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 1, 2008		5. DATE WELL COMPLETED: July 1, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chatterjee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 81.55 ft PUMP INTAKE: 75 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	54.80								Static head
15:30	55.75								Pump On
15:35	54.85	250	16.7	0.373	17.74	4.79	-5	274.0	
15:40	54.82	350	15.6	0.330	8.42	4.69	10	169.0	
15:45	54.80	350	15.6	0.319	6.51	4.67	16	133.0	
15:50	54.80	350	15.5	0.308	6.07	4.65	16	135.0	
15:55									Horiba cleared
16:00	54.80	350	16.0	0.289	6.04	4.63	18	101.1	
16:05	54.80	350	15.9	0.278	6.56	4.61	16	97.8	
16:10	54.80	350	15.9	0.270	6.50	4.62	15	98.2	
16:15	54.80	350	15.8	0.263	6.01	4.63	15	101.0	
16:20	54.80	350	15.9	0.254	6.04	4.62	14	103.0	
16:25	54.80	350	15.7	0.245	6.35	4.64	13	94.7	
16:30	54.81	350	15.7	0.241	6.53	4.63	13	92.50	Horiba cleared
16:35	54.81	350	15.7	0.233	6.98	4.63	13	71.7	
16:40	54.81	350	15.7	0.229	6.46	4.65	11	68.8	
16:45	54.8	350	15.7	0.219	8.09	4.63	10	70.5	
16:50	54.8	350	15.7	0.218	7.22	4.64	9	74.4	
16:55	54.8	350	15.7	0.214	7.5	4.63	7	67.8	
17:00	54.8	350	15.7	0.209	7.63	4.63	5	69.1	
17:05	54.8	350	15.7	0.203	6.5	4.64	3	68.1	
17:10	54.8	200	15.6	0.198	7.44	4.65	-1	68.4	
17:15	54.8	200	16.5	0.198	7.02	4.67	-1	68.3	
17:20	54.8	200	16.5	0.192	8.45	4.62	-4	68.7	
17:25	54.8	200	16.5	0.192	8.38	4.64	-5	70.3	
17:30	54.8	200	16.5	0.193	8.35	4.65	-6	70.2	
17:35									Collect sample MW-7S
17:40	54.80	200	16.5	0.193	8.39	4.69	-7	69.6	
17:45	54.77	200	16.5	0.193	8.37	4.69	-7	69.3	

Pump Type: Bladder pump, Teflon tubing, Poly tubing

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. MW-7D

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 1, 2008		5. DATE WELL COMPLETED: July 1, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chatterjee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 122 ft PUMP INTAKE: 118 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	54.35								Static head
18:35	54.38	225							Pump On
18:40	55.50	300	15.7	0.257	15.43	5.57	96	40.4	
18:45	55.52	400	15.3	0.255	14.62	5.53	108	46.5	
18:50	55.52	400	15.3	0.251	14.64	5.56	122	38.5	
18:55	55.52	400	15.1	0.253	14.67	5.52	138	29.1	
19:00	55.52	400	15.0	0.254	14.66	5.50	146	26.3	
19:05	55.52	400	15.0	0.259	14.66	5.49	156	15.7	
19:10	55.52	400	14.9	0.258	13.30	5.49	157	13.3	
19:15	55.52	400	15.0	0.261	13.38	5.48	159	15.4	
19:20	55.52	400	15.0	0.262	13.36	5.47	161	12.8	
19:25									Colelct sample MW-7D

Pump Type: Bladder pump, Teflon tubing, Poly tubing

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-01

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 11, 2008		5. DATE WELL COMPLETED: July 11, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 70 ft PUMP INTAKE: 68 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
	58.55								Static head
8:10		80							Pump On
8:15			20.90	0.754	7.73	5.63	-115	60.0	
8:20			21.11	0.779	4.41	5.85	-111	32.1	
8:25			20.85	0.801	3.50	5.89	-114	25.5	
8:30			20.13	0.825	3.02	5.90	-114	19.1	
8:35			19.91	0.834	2.68	5.90	-115	33.3	
8:40			19.89	0.832	2.42	5.88	-117	38.6	
8:45			20.11	0.852	2.26	5.86	-118	36.5	
8:50			20.26	0.852	2.07	5.87	-119	34.9	
8:55			20.29	0.852	2.03	5.87	-119	34.5	
9:00			20.30	0.853	1.97	5.87	-121	36.3	
9:05			20.42	0.857	1.94	5.87	-124	41.3	
9:10									Collect sample PW01-01

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-02

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 11, 2008		5. DATE WELL COMPLETED: July 11, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 85 ft PUMP INTAKE: 83 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	58.55	90							Static head
9:40									Pump On
9:45			20.92	0.241	6.89	4.63	-5	15.9	
9:50			20.89	0.241	5.27	4.78	-16	11.5	
9:55			21.18	0.238	4.01	4.93	-18	12.2	
10:00			21.39	0.240	3.77	5.06	-36	11.3	
10:05			21.71	0.241	3.55	5.26	-46	12.2	
10:10			21.93	0.242	3.35	5.38	-60	12.8	
10:15			22.16	0.241	3.11	5.50	-72	15.3	
10:20			22.28	0.238	2.96	5.98	-76	15.6	
10:25			22.55	0.246	2.91	5.58	-87	16.1	
10:30			22.86	0.242	2.95	5.56	-84	16.6	
10:35			23.36	0.243	2.69	5.53	-84	18.3	
10:40			23.39	0.246	2.63	5.55	-90	16.80	
10:45									Collect sample PW01-02

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-03

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 11, 2008		5. DATE WELL COMPLETED: July 11, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 110 ft PUMP INTAKE: 107 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	58.55								Static head
11:10		80							Pump On
11:15			34.92	0.258	3.33	5.77	-122	23.7	
11:20			34.91	0.260	3.29	5.78	-122	22.9	
11:25			34.88	0.250	2.81	5.84	-114	19.9	
11:30			35.14	0.252	2.39	5.83	-108	17.4	
11:35			35.35	0.253	2.20	5.84	-105	15.4	
11:40			35.56	0.253	2.10	5.84	-97	13.1	
11:45			35.65	0.254	2.03	5.85	-101	3.8	
11:50			35.81	0.253	1.87	5.86	-97	14.2	
11:55			35.98	0.254	1.83	5.87	-96	15.0	
12:00			36.15	0.255	1.89	5.87	-94	12.8	
12:15									Colect sample PW01-03

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-04

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 11, 2008		5. DATE WELL COMPLETED: July 11, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 115 ft PUMP INTAKE: 113 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	58.55								Static head
8:20		85							Pump On
8:25			23.94	0.315	8.32	5.32	4	0.0	
8:30			22.86	0.302	7.55	5.70	-44	0.0	
8:35			22.81	0.295	7.03	5.84	-67	0.0	
8:40			22.96	0.293	6.75	5.94	-85	0.0	
8:45			23.18	0.292	6.72	5.98	-94	0.0	
8:50			23.31	0.293	6.70	6.08	-101	0.0	
8:55			23.41	0.293	6.43	6.14	-103	0.0	
9:00			23.65	0.293	6.43	6.27	-107	0.0	
9:05			23.93	0.293	6.39	6.29	-114	0.0	
9:10			24.10	0.293	6.41	6.30	-116	0.0	
9:15									Collect sample PW01-04

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-05

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 14, 2008		5. DATE WELL COMPLETED: July 14, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 160 ft PUMP INTAKE: 157 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	58.80								Static head
10:00		80							Pump On
10:05			22.15	0.283	8.27	5.17	-21	47.4	
10:10			21.55	0.257	5.48	5.30	7	30.0	
10:15			21.57	0.252	4.51	5.29	17	28.4	
10:20			21.69	0.249	4.14	5.27	23	26.8	
10:25			21.79	0.247	3.99	5.27	28	24.7	
10:30			21.79	0.248	3.94	5.26	30	22.2	
10:35			21.69	0.244	3.91	5.30	31	17.0	
10:40			21.67	0.243	3.83	5.25	35	15.9	
10:45			21.80	0.240	3.73	5.28	34	15.2	
10:50			21.82	0.240	3.70	5.27	35	13.9	
11:00									Colect sample PW01-05

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-06

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 11, 2008		5. DATE WELL COMPLETED: July 11, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 140 ft PUMP INTAKE: 138 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	58.55	80							Static head
9:45									Pump On
9:50			21.74	0.446	8.37	5.16	37	0.0	
9:55			21.77	0.415	7.62	5.30	27	0.0	
10:00			21.14	0.385	7.90	5.47	16	0.0	
10:05			21.30	0.360	7.68	5.66	3	0.0	
10:10			21.43	0.349	7.70	5.81	-10	0.0	
10:15			21.73	0.358	7.71	5.99	-23	0.0	
10:20			21.93	0.338	7.48	6.05	-31	0.0	
10:25			22.15	0.335	7.49	6.16	-37	0.0	
10:30			22.31	0.333	7.48	6.19	-40	0.0	
10:35			22.31	0.333	7.48	6.21	-43	0.0	
10:40			22.45	0.332	7.42	6.24	-45	0.0	
10:45			22.36	0.332	7.45	6.23	-46	0.00	
11:00									Sample collected PW01-06
									MS/SMD
									Duplicate sample PW01-56
									Note: Pump touched the bottom
									around 140 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW01-07

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 14, 2008		5. DATE WELL COMPLETED: July 14, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 160 ft PUMP INTAKE: 157 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
	58.80								Static head
11:00		140							Pump On
11:05			18.05	0.382	4.17	5.09	-9	12.0	
11:10			17.96	0.381	3.52	5.27	-22	11.6	
11:15			18.00	0.382	3.41	5.37	-29	11.7	
11:20			18.08	0.383	3.59	5.47	-32	11.0	
11:25			18.43	0.381	3.47	5.53	-33	10.6	
11:30			18.63	0.383	3.46	5.57	-34	10.3	
11:35			18.79	0.383	3.55	5.61	-33	11.2	
11:40			18.95	0.383	3.62	5.62	-32	10.2	
11:45			18.99	0.385	3.78	5.64	-31	8.6	
11:50			18.85	0.386	3.89	5.65	-30	6.4	
12:00									Collect sample PW01-07

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-01

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 9, 2008		5. DATE WELL COMPLETED: July 9, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 70 ft PUMP INTAKE: 68 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	58.55	80							Static head
15:20									Pump On
15:25			29.74	0.222	6.56	6.64	-135	0.0	
15:30			29.64	0.222	6.33	6.67	-137	0.0	
15:35			30.01	0.219	5.94	6.74	-143	0.0	
15:40			30.29	0.218	5.85	6.80	-146	0.0	
15:45			30.49	0.217	5.47	6.82	-147	0.0	
15:50			30.46	0.216	5.49	6.80	-145	0.0	
15:55			31.00	0.215	5.47	6.78	-145	0.0	
16:00			31.32	0.212	5.45	6.80	-147	0.0	
16:05			32.33	0.212	5.47	6.88	-149	0.0	
16:10			32.24	0.213	5.49	6.89	-152	0.0	
16:15			32.29	0.215	5.45	6.87	-147	0.0	
16:20									Collect sample PW02-01

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-02

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 9, 2008		5. DATE WELL COMPLETED: July 9, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 85 ft PUMP INTAKE: 82 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	56.65	80							Static head
13:20									Pump On
13:25			23.12	0.31	4.72	6.01	-126	95.4	
13:30			22.83	0.301	3.22	6.03	-129	90.5	
13:35									Horiba cleaned
13:40			22.86	0.294	3.05	5.99	-124	43.1	
13:45			22.74	0.288	2.47	6.03	-126	45.0	
13:50			22.94	0.285	2.11	5.97	-124	45.4	
13:55			22.91	0.285	1.93	5.99	-126	47.2	
14:00			23.15	0.285	1.82	5.99	-128	48.8	
14:05			23.08	0.284	2.16	5.93	-117	44.1	
14:10			22.82	0.285	2.00	5.95	-125	44.7	
14:15			23.29	0.282	1.96	5.97	-128	46.6	
14:25									Collect sample PW02-02
									Clear water but with odor
									CPM 3, 10/10, 100 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-03

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 10, 2008		5. DATE WELL COMPLETED: July 10, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 100 ft PUMP INTAKE: 98 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	56.70	80							Static head
9:10									Pump On
9:15			27.38	0.38	6.05	4.92	-55	12.9	
9:20			27.34	0.399	4.23	4.99	-76	6.7	
9:25			27.73	0.407	3.32	5.26	-105	7.9	
9:30			28.03	0.407	2.75	5.37	-120	8.4	
9:35			27.99	0.415	2.36	5.49	-125	4.6	
9:40			28.38	0.413	2.27	5.54	-131	4.4	
9:45			28.47	0.414	2.25	5.57	-129	4.5	
9:50			28.52	0.416	2.23	5.62	-128	3.7	
9:55			28.40	0.418	2.22	5.61	-127	3.3	
10:00			28.72	0.417	2.20	5.63	-123	3.2	
									Sample PW02-03 collected
									CPM 3, 10/10, 100 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-04

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 10, 2008		5. DATE WELL COMPLETED: July 10, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 115 ft PUMP INTAKE: 113 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	56.70	90							Static head
9:05									Pump On
9:10			23.97	0.23	8.26	6.19	-39	0.0	
9:15			23.95	0.223	7.23	6.30	-68	0.0	
9:20			23.90	0.221	6.83	6.43	-98	0.0	
9:25			24.10	0.216	6.80	6.48	-113	0.0	
9:30			24.30	0.211	6.84	6.52	-120	0.0	
9:35			24.22	0.214	6.48	6.55	-121	0.0	
9:40			24.67	0.215	6.29	6.61	-119	0.0	
9:45			24.73	0.215	6.08	6.65	-119	0.0	
9:50			24.65	0.216	6.10	6.08	-118	0.0	
9:55			24.52	0.217	6.09	6.68	-116	0.0	
10:05									Collect sample PW02-04
									CPM 3, 10/10, 120 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-05

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 9, 2008		5. DATE WELL COMPLETED: July 9, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 130 ft PUMP INTAKE: 128 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	56.70	85							Static head
13:30									Pump On
13:40			24.30	0.308	10.34	6.12	-48	33.7	
13:45			23.38	0.301	9.89	6.12	-68	0.0	
13:50			23.61	0.299	9.90	6.16	-72	0.0	
13:55			24.00	0.292	10.01	6.17	-68	0.0	
14:00			24.14	0.289	10.14	6.19	-63	0.0	
14:05			24.36	0.285	8.31	6.14	-54	0.0	
14:10			24.40	0.284	8.34	6.16	-50	0.0	
14:15			24.52	0.279	8.00	6.15	-47	0.0	
14:20			24.32	0.281	8.01	6.17	-45	0.2	
14:25			23.80	0.285	7.80	6.30	-40	0.2	
14:30			24.29	0.282	7.83	6.32	-37	o	
14:35			24.36	0.283	7.80	6.32	-38	22.00	
14:40									Collect sample PW02-05
									CPM 3, 10/10, 120 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-06

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 9, 2008		5. DATE WELL COMPLETED: July 9, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 145 ft PUMP INTAKE: 140 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	56.70	80							Static head
14:50									Pump On
14:55			25.87	0.303	4.68	5.34	-61	14.0	
15:00			25.30	0.379	3.34	5.27	-67	11.2	
15:05			25.15	0.401	2.41	5.41	-84	8.8	
15:10			25.19	0.403	2.36	5.53	-103	9.4	
15:15			24.95	0.396	2.25	5.74	-128	13.7	
15:20			24.64	0.386	1.73	5.83	-150	15.3	
15:25			24.21	0.381	1.69	5.90	-161	16.6	
15:30			23.98	0.374	1.56	5.99	-169	17.2	
15:35			23.91	0.371	1.54	5.99	-165	32.6	
15:40			24.07	0.368	1.49	6.01	-171	30.9	
15:45			23.93	0.368	1.51	6.02	-170	31.9	
									Sample PW02-06 collected
									CPM 3, 10/10, 155 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW02-07

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 10, 2008		5. DATE WELL COMPLETED: July 10, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 160 ft PUMP INTAKE: 157 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
	56.70	80							Static head
13:00									Pump On
13:05			37.93	0.236	5.74	5.78	-126	38.4	
13:10			37.24	0.359	5.02	5.64	-142	44.0	
13:15			37.31	0.453	5.55	3.64	-142	43.5	
13:20			37.74	0.479	5.54	3.24	-142	48.8	
13:25									Horiba cleaned
13:30									Horiba cleaned
13:35			38.94	0.509	2.50	5.66	-153	43.9	
13:40			38.23	0.525	2.29	5.67	-159	45.5	
13:45			38.99	0.499	2.26	5.67	-149	45.2	
13:50			38.83	0.501	2.02	5.79	-154	64.3	
13:55									Horiba cleaned
14:00			39.22	0.483	5.52	5.88	-130	62.70	
14:05			37.11	0.482	5.49	5.90	-130	66.9	
14:10			39.35	0.478	5.08	5.90	-121	69.3	
14:15			39.43	0.474	4.88	5.93	-115	72.1	
14:20			39.74	0.474	4.56	5.94	-110	68.9	
14:25			39.85	0.47	4.37	5.96	-107	78.7	
14:30			40.01	0.47	4.30	5.95	-105	79.5	
14:40									
14:45			40.01	0.461	4.25	5.94	-104	71.5	
14:50			40.13	0.458	4.18	5.96	-101	81.1	
									Sample PW02-07 collected
									CPM 3, 10/10, 170 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-01

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 8, 2008		5. DATE WELL COMPLETED: July 8, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 70 ft PUMP INTAKE: 68 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
	56.40								Static head
13:30									Pump On
13:40		90	28.30	0.489	7.55	5.59	-41	24.5	
13:45			27.92	0.487	5.02	5.80	-42	19.8	
13:50			27.70	0.488	4.82	5.84	-41	18.1	
13:55			27.42	0.489	4.66	5.89	-40	25.2	
14:00			27.44	0.486	4.26	5.91	-40	34.7	
14:05			27.30	0.486	3.87	5.91	-40	42.0	
14:10			27.15	0.484	3.83	5.91	-41	51.7	
14:15			27.17	0.452	3.78	5.92	-41	62.2	
14:20			26.96	0.486	3.76	5.95	-41	72.3	
14:25			26.83	0.485	3.21	6.00	-43	101.0	
14:30			26.77	0.485	2.83	6.00	-48	102.0	
14:35			26.77	0.483	2.73	6.01	-50	112.00	
14:40			26.86	0.483	2.68	6.01	-51	129	
14:45			26.93	0.483	2.67	6.03	-52	136	
14:50									Horiba cleaned
14:55			27.15	0.502	2.36	6.03	-58	1.6	
15:00			27.09	0.502	2.31	6.02	-59	2.4	
15:05			27.00	0.503	2.28	6.03	-61	2.9	
15:10			26.89	0.502	2.2	6.05	-61	3.7	
									Sample PW03-01 collected
									CPM 3, 10/10, 90 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-02

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 8, 2008		5. DATE WELL COMPLETED: July 8, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 70 ft PUMP INTAKE: 68 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	56.50								Static head
11:35		60							Pump On
11:40			21.35	1.01	16.46	6.51	-108	171.0	
11:45			21.18	0.750	5.46	6.20	-111	92.9	
11:50		80	22.14	0.693	3.56	6.21	-107	82.8	
11:55			22.85	0.647	6.71	6.16	-100	53.7	
12:00			22.46	0.651	6.60	6.17	-100	40.0	
12:05			22.93	0.624	6.10	6.19	-101	30.7	
12:10			22.88	0.622	5.30	6.21	-102	24.2	
12:15			22.91	0.619	5.29	6.23	-106	25.3	
12:20			22.44	0.618	5.29	6.25	-102	19.8	
12:25			22.66	0.611	4.99	6.28	-107	12.5	
12:30			22.41	0.611	4.87	6.31	-109	21.3	
12:35			22.45	0.609	4.50	6.33	-112	15.80	
12:45									Collect sample PW03-02
									CPM 3, 10/10, 90 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-03

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 9, 2008		5. DATE WELL COMPLETED: July 9, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 100 ft PUMP INTAKE: 98 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
	56.50								Static head
8:40		70							Pump On
8:50			24.32	0.276	7.25	5.68	-27	14.7	
8:55			24.36	0.253	4.29	5.54	14	9.6	
9:00			24.80	0.292	3.90	5.45	47	11.1	
9:05			24.70	0.238	3.89	5.46	64	12.2	
9:10			25.12	0.234	3.92	5.47	72	14.0	
9:15			25.24	0.233	3.97	5.44	81	13.7	
9:20			25.24	0.231	4.64	5.45	89	14.7	
9:25			25.89	0.229	4.87	5.44	97	16.1	
9:30			25.75	0.231	4.91	5.50	98	16.7	
9:35			25.85	0.230	4.88	5.50	97	17.2	
9:40			25.24	0.228	4.92	5.49	99	19.3	
9:45									Collect sample PW03-03
									CPM 3, 10/10, 120 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-04

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 8, 2008		5. DATE WELL COMPLETED: July 8, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 115 ft PUMP INTAKE: 113 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	56.55								Static head
12:50									Pump On
12:55		80	26.16	0.412	8.06	6.90	-120	305.0	
13:00			25.75	0.406	7.87	6.94	-123	352.0	
13:05			25.29	0.393	7.93	7.02	-123	345.0	
13:10			25.53	0.384	7.76	7.11	-133	108.0	
13:15			25.54	0.385	7.37	7.12	-133	86.8	
13:20			25.50	0.377	7.74	7.15	-135	0.0	
13:25			25.34	0.379	7.31	7.20	-135	0.0	
13:30			24.34	0.380	7.29	7.22	-135	0.0	
13:35			24.79	0.375	7.32	7.22	-136	0.0	
13:40			24.61	0.370	6.88	7.26	-137	0.0	
13:45			24.42	0.368	7.29	7.27	-138	0.0	
13:50			24.35	0.368	7.27	7.21	-138	0.0	
13:55			24.29	0.367	7.31	7.28	-138	0	
14:00			24.14	0.365	7.24	7.30	-139	0	
14:05									Collect sample PW03-04
									CPM 3, 10/10, 140 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-05

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 8, 2008		5. DATE WELL COMPLETED: July 8, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 130 ft PUMP INTAKE: 128 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
	56.65								Static head
14:45			24.9	0.265	10.05	6.33	-3	0.0	Pump On
		80							
14:50			24.77	0.264	9.73	6.31	-29	0.0	
14:55			24.22	0.262	9.57	6.20	-13	0.0	
15:00			24.17	0.262	9.20	6.20	-11	0.0	
15:05			24.09	0.265	9.60	6.20	1	0.0	
15:10			23.98	0.269	9.65	6.20	7	0.0	
15:15			23.85	0.272	9.85	6.25	10	0.0	
15:20			23.83	0.272	9.43	6.26	10	0.0	
15:25			23.88	0.274	9.45	6.29	10	0.0	
15:30			23.91	0.277	9.50	6.31	11	0.0	
15:35			23.93	0.277	9.49	6.31	10	0.0	
15:40			24.27	0.278	9.47	6.34	13	0.00	
15:50									Collect sample PW03-05
16:10	56.6								
									CPM 3, 10/10, 140 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-06

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 9, 2008		5. DATE WELL COMPLETED: July 9, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 145 ft PUMP INTAKE: 142 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	56.65	80							Static head
9:00			21.78	0.436	9.3	6.14	-24	0.0	Pump On
9:05			21.84	0.438	8.88	6.13	-33	0.0	
9:10			22.04	0.437	8.14	6.18	-69	0.0	
9:15			21.82	0.428	8.02	6.25	-89	0.0	
9:20			21.62	0.420	7.48	6.35	-111	0.0	
9:25			21.93	0.412	7.20	6.40	-120	0.0	
9:30			21.78	0.390	7.17	6.53	-128	0.0	
9:35			21.83	0.390	7.15	6.56	-131	0.0	
9:40			21.72	0.378	7.21	6.58	-130	0.0	
9:45			21.75	0.365	7.17	6.62	-130	0.0	
9:50			21.74	0.367	7.19	6.61	-131	0.0	
9:55			21.65	0.361	7.13	6.65	-135	0.0	
10:00			21.75	0.363	7.15	6.69	-133	0.00	
10:05									Collect sample PW03-06
									CPM 3, 10/10, 155 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW03-07

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 9, 2008		5. DATE WELL COMPLETED: July 9, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Saby Chattergee, Priyal Pandya		
3. DRILLING COMPANY: SGS Drilling	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 160 ft PUMP INTAKE: 157 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	56.60	80							Static head
10:20									Pump On
10:25			30.66	0.499	6.13	5.95	-101	65.2	
10:30			30.85	0.468	4.71	6.10	-108	40.9	
10:35			31.43	0.453	4.10	6.10	-107	58.8	
10:40			31.85	0.447	3.78	6.10	-106	61.9	
10:45			32.20	0.445	3.71	6.07	-103	68.9	
10:50			32.98	0.443	3.22	6.05	-101	71.4	
10:55			32.89	0.441	3.00	6.01	-97	67.9	
11:00			32.91	0.442	2.85	6.01	-96	67.0	
11:05			32.97	0.446	2.69	6.03	-92	68.0	
11:10			33.55	0.447	2.45	6.02	-97	44.6	
11:15			33.54	0.449	2.35	6.03	-95	60.7	
11:20			33.69	0.446	2.30	6.04	-97	55.80	
11:25									Horiba cleaned
11:30			34.08	0.434	2.30	6.09	-106	23.6	
11:35			33.11	0.433	2.30	6.10	-108	19	
11:40			33.30	0.42	2.20	6.11	-108	17.9	
11:45			33.77	0.417	2.16	6.09	-108	18.5	
11:50			33.79	0.416	2.12	6.09	-108	18.5	
11:55									Collect sample PW03-07
									Water had strong odor
									CPM 3, 8/12, 170 ft

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-01

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 15, 2008		5. DATE WELL COMPLETED: July 15, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 73 ft PUMP INTAKE: 71 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	53.00								Static head
13:20		80							Pump On
13:25		80	32.03	0.37	5.15	5.71	-96	0.0	Turbidity sensor shorted
13:30		80	31.81	0.369	4.99	5.73	-94	0.0	Cloudy water
13:35		80	28.40	0.371	5.01	5.75	-84	0.0	
13:40		80	28.37	0.376	5.00	5.75	-70	0.0	
13:45		80	30.17	0.365	4.57	5.78	-70	0.0	
13:50		80	30.48	0.363	4.19	5.82	-70	0.0	
13:55		80	30.63	0.367	4.12	5.83	-69	0.0	Clear water
14:00		80	30.70	0.366	4.08	5.89	-70	0.0	
14:05		80	30.83	0.365	4.01	5.93	-70	0.0	
14:10		80	30.88	0.363	3.93	5.96	-70	0.0	Other horiba meter
14:15		80	30.89	0.364	3.91	5.97	-70	0.0	Turbidity = 44 NTU
14:20		80	30.82	0.365	3.90	5.96	-70	0.0	Turbidity = 37 NTU
14:25									Sample collected PW04-01 at 14:25

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-02

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 15, 2008		5. DATE WELL COMPLETED: July 15, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 88 ft PUMP INTAKE: 86 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	53.10								Static head
16:00		80							Pump On
16:05		80	24.80	0.347	5.24	5.62	-166	29.6	
16:10		80	24.41	0.347	3.84	5.63	-168	26.3	
16:15		80	23.95	0.350	2.27	5.71	-173	26.8	
16:20		80	23.70	0.359	1.79	5.83	-166	6.6	
16:25		80	23.55	0.363	1.70	5.87	-163	5.3	
16.30		80	23.02	0.367	1.66	5.87	-156	5.8	
16:35		80	23.38	0.363	1.54	5.87	-150	5.4	
16:40		80	23.16	0.365	1.48	5.87	-144	6.4	
16:45		80	22.90	0.363	1.46	5.87	-140	8.1	
16:55									Sample collected PW04-02 at 16:55

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-03

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 15, 2008		5. DATE WELL COMPLETED: July 15, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 103 ft PUMP INTAKE: 100 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	53.10								Static head
15:15		85							Pump On
15:20		85	34.92	0.23	5.52	5.68	-44	0.0	Turbidity sensor is shorted
15:25		85	34.66	0.224	5.08	5.67	-44	0.0	Clear water
15:30		85	31.06	0.226	5.88	5.59	-29	0.0	
15:35		85	30.19	0.221	5.89	5.50	-13	0.0	
15:40		85	29.59	0.217	5.96	5.42	1	0.0	
15:45		85	30.50	0.215	5.86	5.39	9	0.0	
15:50		85	30.85	0.217	5.63	5.37	27	0.0	
15:55		85	31.58	0.216	5.44	5.37	39	0.0	
16:00		85	32.62	0.215	5.45	5.36	50	0.0	
16:05		85	33.47	0.214	5.43	5.35	55	0.0	
16:10		85	33.98	0.14	5.44	5.35	57	0.0	
16:20									Sample collected PW04-03 at 16:20

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-04

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 16, 2008		5. DATE WELL COMPLETED: July 16, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 118 ft PUMP INTAKE: 116 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	53.10								Static head
9:05		90							Pump On
9:10		90	21.85	0.321	2.18	4.71	29	505.0	
9:15		90	21.28	0.307	2.15	4.84	20	249.0	
9:20									Horiba cleaned
9:25		90	20.97	0.291	2.68	4.85	19	139.0	
9:30		90	21.07	0.290	2.67	4.86	20	118.0	
9:35		90	21.17	0.286	2.67	4.81	22	96.9	
9:40		90	21.23	0.284	3.25	4.84	20	60.6	Horiba cleaned
9:45		90	21.35	0.287	2.96	4.86	20	49.8	
9:50		90	21.56	0.284	2.86	4.85	22	43.0	
9:55		90	21.61	0.283	2.76	4.84	22	40.6	
10:00		90	21.72	0.286	2.72	4.83	22	38.0	
10:10									Sample collected PW04-04 at 10:10
									Had issue with clay

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-05

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 16, 2008		5. DATE WELL COMPLETED: July 16, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 133 ft PUMP INTAKE: 132 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	53.10								Static head
10:40		100							Pump On
10:45		100	21.72	0.365	2.75	5.39	-87	28.8	
10:50		100	21.03	0.356	2.02	5.50	-99	10.0	
10:55		100	20.62	0.344	1.68	5.69	-113	11.6	
11:00		100	20.75	0.333	1.53	5.81	-118	12.5	
11:05		100	20.54	0.327	1.39	5.95	-119	13.3	
11:10		100	20.62	0.320	1.31	5.99	-116	9.2	
11:15		100	20.72	0.320	1.20	6.04	-114	10.3	
11:20		100	20.73	0.321	1.14	6.07	-113	13.1	
11:25		100	20.88	0.321	1.10	6.10	-112	11.4	
11:30		100	20.52	0.321	1.10	6.10	-110	12.2	
11:40									Sample collected PW04-05 at 11:40

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-06

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 16, 2008		5. DATE WELL COMPLETED: July 16, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 148 ft PUMP INTAKE: 146 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	53.10								Static head
8:40		100							Pump On
8:45		100	26.09	0.37	8.30	5.52	-65	633.0	
8:50		100	25.90	0.374	8.02	5.48	-59	497.0	
8:55									Horiba cleaned
9:00		100	25.75	0.327	5.16	5.48	-48	118.0	
9:05		100	25.54	0.324	4.09	5.42	-47	69.5	
9:10		100	25.40	0.315	3.72	5.41	-45	46.2	
9:15		100	25.58	0.305	3.00	5.36	-39	45.0	
9:20		100	25.61	0.302	2.89	5.35	-35	46.6	
9:25		100	25.79	0.299	2.79	5.33	-29	43.7	
9:30		100	25.86	0.297	2.78	5.35	-22	44.5	
9:40									Sample collected PW04-06 at 9:40

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW04-07

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 16, 2008		5. DATE WELL COMPLETED: July 16, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 163 ft PUMP INTAKE: 160 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	53.10								Static head
10:30		80							Pump On
10:35		80	27.97	0.297	4.05	4.75	28	273.0	
10:40		80	27.55	0.349	3.42	4.68	27	216.0	
10:45		80	28.11	0.393	3.13	4.71	27	127.0	Horiba cleaned
10:50		80	28.69	0.394	2.25	4.72	30	107.0	
10:55		80	28.82	0.397	2.11	4.76	30	92.5	
11:00		80	29.20	0.395	1.84	4.80	30	79.5	
11:05		80	29.35	0.394	1.73	4.83	30	72.1	
11:10		80	29.93	0.394	1.57	4.92	30	63.1	
11:15		80	30.35	0.392	1.47	4.88	30	53.9	
11:20		80	30.98	0.388	1.42	4.91	30	39.5	
11:25		80	31.11	0.388	1.86	4.92	30	35.1	
11:30		80	31.32	0.388	1.83	4.93	31	38.70	
11:35									Sample collected PW04-07 at 11:35

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-01

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 17, 2008		5. DATE WELL COMPLETED: July 17, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 70 ft PUMP INTAKE: 68 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.50								Static head
16:00		90							Pump On
16:05		90	25.54	0.22	2.87	4.80	25	153.0	
16:10		90	25.14	0.223	2.07	5.01	18	135.0	
16:15		90	24.56	0.236	2.17	5.03	14	125.0	
16:20		90	24.40	0.236	1.74	5.07	13	113.0	
16:25		90	23.99	0.239	1.64	5.10	12	100.0	
16:30		90	23.95	0.240	1.58	5.16	11	92.8	
16:35		90	24.06	0.239	1.54	5.15	10	81.8	
16:40		90	24.09	0.239	1.52	5.18	9	72.2	
16:45		90	23.79	0.244	1.50	5.20	8	65.4	
16:50		90	23.89	0.244	1.46	5.25	6	61.2	
16:55		90	24.04	0.243	1.40	5.24	5	49.8	
17:00		90	23.59	0.248	1.41	5.25	5	48.2	
17:05		90	23.74	0.247	1.38	5.25	5	48.5	
17:10		90	23.80	0.246	1.36	5.24	5	47.8	
17:15									Collect sample PW05-01

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-02

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 18, 2008		5. DATE WELL COMPLETED: July 18, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 90.5 ft PUMP INTAKE: 88 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.50								Static head
7:05		100							Pump On
7:10		100	19.30	0.472	8.36	6.39	-82	28.1	
7:15		100	18.83	0.487	4.64	6.51	-93	23.6	
7:20		100	18.42	0.482	2.79	6.47	-83	16.8	
7:25		100	18.30	0.480	2.76	6.43	-77	15.7	
7:30		100	18.23	0.479	2.61	6.40	-74	15.6	
7:25		100	18.12	0.481	2.45	6.42	-72	15.0	
7:40									N2 cylinder change
7:55									Collect sample PW05-02

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-03

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 17, 2008		5. DATE WELL COMPLETED: July 17, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 120.5 ft PUMP INTAKE: 118 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.50								Static head
16:05		100							Pump On
16:10		100	23.38	0.662	3.18	6.53	-117	116.0	
16:15		100	23.03	0.566	2.13	6.60	-118	72.5	
16:20		100	22.96	0.505	1.87	6.64	-117	56.6	
16:25		100	22.57	0.470	1.73	6.67	-118	50.0	
16:30		100	22.58	0.446	1.57	6.68	-121	49.4	
16:35		100	22.56	0.427	1.52	6.68	-121	42.9	
16:40		100	22.44	0.403	1.42	6.70	-125	37.2	
16:45		100	22.24	0.384	1.38	6.73	-127	35.6	
16:50		100	22.36	0.376	1.33	6.73	-127	32.2	
16:55									Collect sample PW05-03

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-04

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 18, 2008		5. DATE WELL COMPLETED: July 18, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 145 ft PUMP INTAKE: 143 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.50								Static head
7:25		80							Pump On
7:30		80	22.85	0.506	3.18	4.78	28	314.0	
7:35		80	22.78	0.497	2.33	4.97	3	214.0	
8:00		80	24.77	0.467	2.70	5.12	-3	171.0	
8:05		80	25.01	0.455	2.29	5.29	-10	206.0	
8:10		80	24.83	0.446	2.16	5.35	-16	219.0	
8:15		80	24.80	0.431	2.17	5.37	-20	227.0	
8:20		80	24.75	0.427	2.19	5.40	-21	250.0	
8:25		80	24.90	0.412	2.03	5.59	-32	319.0	
8:30		80	25.15	0.406	1.95	5.66	-36	384.0	
8:35		80	25.48	0.401	1.81	5.73	-44	393.0	
8:40		80	25.79	0.392	1.61	5.88	-55	402.0	
8:45		80							
8:50		80	27.46	0.374	2.83	5.93	-55	71.1	
8:55		80	28.20	0.377	1.51	6.06	-63	71.5	
9:00		80	28.71	0.375	1.29	6.11	-63	85.0	
9:05		80	29.12	0.373	1.13	6.17	-69	95.7	
9:10		80	29.57	0.371	1.05	6.20	-70	115.0	
9:15		80							Collect sample PW05-04
									MS/MSD
									Duplicate sample PW05-54
9:40		80	30.01	0.369	1.01	6.68	-75	123.0	
9:45		80	30.49	0.363	0.97	6.72	-76	129.0	

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-05

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 18, 2008		5. DATE WELL COMPLETED: July 18, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 170 ft PUMP INTAKE: 168 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.70								Static head
10:20		100							Pump On
10:25		100	32.34	0.362	2.38	4.84	28	>999	
10:30		100	31.80	0.361	1.94	5.07	13	>999	
10:35		100	31.13	0.344	1.31	5.12	7	>999	
10:40		100	31.09	0.322	1.13	5.14	6	>999	
10:45		100	30.94	0.317	1.11	5.13	6	>999	
10:50		100	30.47	0.308	1.09	5.15	6	>999	
10:55		100	30.75	0.294	1.04	5.10	9	>999	
11:00		100	31.68	0.287	1.02	5.11	10	>999	
11:05		100	31.92	0.281	1.04	5.12	12	>999	
11:10		100	31.95	0.281	1.08	5.10	13	>999	
11:15		100	31.53	0.277	1.13	5.08	13	>999	
11:20		100	31.33	0.27	1.26	5.01	14	900.0	
11:25		100	31.96	0.264	1.33	4.97	16	889.0	
11:30		100	31.37	0.268	1.36	4.98	16	779.0	
11:35		100	31.10	0.264	1.44	4.93	17	756.0	
11:40		100	32.43	0.266	1.43	4.96	17	778.0	
11:45		100	33.04	0.266	1.49	4.90	17	693.0	
11:50		100	33.34	0.265	1.49	4.98	17	657.0	
11:55		100							Collect sample PW05-05
12:05		100	33.69	0.266	1.51			651.0	
12:10		100	33.78	0.264	1.53			658.0	

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-06

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 18, 2008		5. DATE WELL COMPLETED: July 18, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 195 ft PUMP INTAKE: 193 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	56.00								Static head
11:35		100							Pump On
11:40		100	32.20	1.220	1.21	6.63	-142	>999	
11:45		100	32.57	1.240	1.00	6.66	-151	>999	
11:50		100	32.78	1.210	0.92	6.67	-157	>999	
11:55		100	34.14	1.110	0.85	6.48	-168	>999	
12:00		100	34.00	1.040	0.74	6.42	-177	>999	
12:05		100	34.37	0.990	0.70	6.39	-182	>999	
12:10		100	35.36	0.940	0.67	6.37	-191	813.0	
12:15		100	35.78	0.910	0.68	6.35	-169	>999	
12:20		100	35.75	0.797	0.69	6.34	-204	>999	
12:25		100	36.18	0.762	0.66	6.32	-212	>999	
12:30		100	37.04	0.746	0.65	6.34	-221	>999	
12:35		100	37.30	0.741	0.65	6.34	-230	>999	
12:40		100	37.15	0.783	0.66	6.35	-234	>999	
12:45		100	37.14	0.953	0.65	6.33	-240	>999	
12:50		100	37.37	0.730	0.64	6.34	-243	>999	
12:55		100	37.35	0.719	0.65	6.33	-242	>999	
13:00		100							Collect sample PW05-06
13:05		100	37.48	0.707	0.65	6.34	-243	>999	
13:10		100	37.51	0.698	0.65	6.33	-241	>999	

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW05-07

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 18, 2008		5. DATE WELL COMPLETED: July 18, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 220 ft PUMP INTAKE: 218 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	58.80								Static head
8:25		100							Pump On
8:30		100	26.60	1.350	5.26	6.80	-118	>999	
8:40		100							Horiba cleaned
9:00		100	32.02	2.210	1.18	6.81	-139	>999	
9:05		100	32.23	2.220	0.79	6.84	-149	>999	
9:10		100	32.81	2.200	0.76	6.85	-150	>999	
9:15		100	33.20	2.130	0.97	6.85	-150	>999	
9:20		100	31.10	2.190	0.86	6.71	-154	>999	
9:25		100	32.81	2.280	0.64	6.69	-160	>999	
9:30		100	33.04	2.320	0.62	6.67	-165	>999	
9:35		100	35.04	2.270	0.60	6.68	-171	>999	
9:40		100	35.72	2.270	0.58	6.71	-175	>999	Horiba cleaned
10:20		100	35.23	0.900	0.73	7.18	-225	>999	
10:25		100	34.78	0.999	0.73	7.41	-252	>999	
10:30		100	35.00	1.130	0.70	7.50	-265	>999	
									Pump off for water reacharge
10:45		100							Colect sample PW05-07
10:55		100	35.15	1.170	0.69	7.72	-269	>999	
11:00		100	35.23	1.200	0.68	7.69	-272	>999	
									Muddy water

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-01

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 16, 2008		5. DATE WELL COMPLETED: July 16, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 70 ft PUMP INTAKE: 68 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.00								Static head
14:30		50							Pump On
14:35		50	27.89	0.248	4.28	5.88	18	30.3	
14:40		50	27.92	0.255	4.57	5.94	48	30.1	
14:45		50	28.12	0.267	5.05	6.07	76	29.2	
14:50		50	27.66	0.265	4.84	6.04	84	32.7	
14:55		50	27.61	0.255	4.34	6.06	93	35.0	
15:00		50	27.58	0.251	3.88	6.04	99	38.8	
15:05		50	26.97	0.246	3.95	6.06	100	41.8	
15:10		50	27.05	0.242	3.82	6.06	105	45.2	
15:15		50	26.72	0.240	3.79	6.07	107	48.1	
15:25									Collect sample PW06-01

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-02

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 16, 2008		5. DATE WELL COMPLETED: July 16, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 90 ft PUMP INTAKE: 88 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.00								Static head
15:45		80							Pump On
15:50		80	23.12	0.715	2.32	5.93	-167	29.9	
15:55		80	23.14	0.703	1.57	6.31	-178	19.3	
16:00		80	22.77	0.690	1.39	6.36	-174	27.2	
16:05		80	22.81	0.681	1.23	6.38	-171	35.1	
16:10		80	22.77	0.683	1.20	6.46	-170	28.5	
16:15		80	22.41	0.680	1.16	6.48	-169	32.1	
16:20		80	22.91	0.665	1.05	6.49	-168	46.3	
16:25		80	22.32	0.668	1.02	6.51	-168	49.7	
16:30		80	22.62	0.664	0.97	6.49	-167	38.7	
16:40									Collect sample PW06-02

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-03

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 16, 2008		5. DATE WELL COMPLETED: July 16, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 118 ft PUMP INTAKE: 116 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.00								Static head
14:25		90							Pump On
14:30		90	29.03	0.294	4.38	4.90	31	-5.0	
14:35		90	26.40	0.278	2.58	5.62	-17	342.0	Horiba cleaned
14:40		90	26.07	0.276	2.37	5.64	-18	310.0	
14:45		90	25.22	0.271	2.49	5.54	-11	315.0	
14:50		90							Horiba cleaned
14:55		90	25.30	0.266	3.11	5.27	8	133.0	
15:00		90	24.89	0.267	3.19	5.21	12	124.0	
15:05		90	24.76	0.267	3.23	5.17	14	119.0	
15:10		90	25.07	0.265	3.32	5.11	20	104.0	
15:15		90	25.09	0.265	3.42	5.07	21	103.0	
15:20		90	24.27	0.269	3.66	5.10	23	89.9	
15:25		90	24.23	0.269	3.64	5.05	25	88.6	
15:30		90	23.94	0.270	4.00	5.04	25	36.4	Horiba cleaned
15:35		90	23.65	0.272	3.95	5.02	26	86.4	
15:40		90	23.53	0.270	3.95	5.03	28	109.0	
15:45		90	23.96	0.267	3.85	5.03	29	80.5	
15:50		90	23.76	0.270	3.86	5.03	30	75.4	
15:55		90	23.78	0.268	3.81	5.04	31	71.0	
16:00		90	23.75	0.268	3.97	5.05	30	69.9	
16:10		90							Collect sample PW06-03
16:20		90	23.79	0.269	3.91	5.05	32	65.4	
16:25		90	23.77	0.270	3.89	5.04	31	59.8	

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-04

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 17, 2008		5. DATE WELL COMPLETED: July 17, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 152 ft PUMP INTAKE: 150 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.10								Static head
8:00		80							Pump On
8:05		80	26.45	1.26	5.25	5.29	-7	606.0	
8:10		80							Horiba cleaned
8:15		80	27.10	1.34	5.32	4.04	-3	249.0	
8:20		80	27.60	1.35	2.64	5.30	2	154.0	
8:25		80							Horiba cleaned
8:30		80	28.12	1.35	2.56	5.31	8	146.0	
8:35		80	28.65	1.38	1.86	5.29	10	110.0	
8:40		80	29.22	1.38	1.82	5.28	11	110.0	
8:45		80	30.19	1.37	1.82	5.28	11	108.0	
8:50		80	30.18	1.37	1.83	5.28	10	105.0	
8:55		80	31.67	1.36	1.63	5.29	9	77.0	
9:00		80	32.86	1.38	1.51	5.30	7	59.5	
9:05		80	33.54	1.36	1.42	5.31	5	59.3	
9:10		80	33.16	1.36	1.36	5.32	3	58.1	
9:15		80	34.54	1.36	1.33	5.32	3	56.4	
9:20		80	35.86	1.36	1.18	5.33	2	58.4	
9:25		80	36.20	1.36	1.17	5.33	0	56.5	
930		80	36.53	1.36	1.16	5.34	-2	63.5	
9:35		80	37.05	1.36	1.17	5.33	-2	57.8	
9:40		80							Collect sample PW06-04
9:50		80	37.11	1.36	1.17	5.33	-3	60.1	
9:55		80	37.29	1.36	1.16	5.33	-4	58.7	

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-05

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 17, 2008		5. DATE WELL COMPLETED: July 17, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 168 ft PUMP INTAKE: 166 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.20								Static head
10:30		90							Pump On
10:35		90	34.95	0.98	3.35	5.20	58	603.0	
10:40		90							Horiba cleaned
10:45		90	31.81	0.977	2.12	5.16	64	276.0	
10:50		90	34.73	0.944	1.69	5.15	64	279.0	
10:55		90	35.82	0.926	1.54	5.11	64	286.0	
11:00		90	36.44	0.897	1.41	5.11	61	401.0	
11:05		90	36.64	0.880	1.40	5.10	61	438.0	
11:10		90	36.69	0.871	1.38	5.09	61	422.0	
11:15		90	37.19	0.846	1.42	5.08	62	336.0	
11:20		90	36.88	0.820	1.47	5.08	62	366.0	
11:25		90	36.64	0.804	1.46	5.09	62	280.0	
11:30		90	37.32	0.79	1.40	5.05	63	223.0	
11:35		90	37.44	0.781	1.38	8.00	63	239.0	
11:40		90	36.98	0.772	1.32	5.04	62	244.0	
11:45		90	36.65	0.768	1.23	5.05	60	261.0	
11:50		90	36.93	0.762	1.16	5.05	57	260.0	
11:55		90	37.12	0.758	1.12	5.05	55	158.0	
12:00		90	37.50	0.749	1.07	5.05	50	149.0	
12:05		90	37.86	0.742	0.95	5.04	47	147.0	
12:10		90							Collect sample PW06-05
12:20		90	38.06	0.736	0.87	5.05	43	139.0	
12:25		90	38.34	0.729	0.74	5.04	41	133.0	

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-06

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 17, 2008		5. DATE WELL COMPLETED: July 17, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 182 ft PUMP INTAKE: 180 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.20								Static head
7:55		90							Pump On
8:00		90	27.93	0.664	3.81	4.01	82	825.0	
8:05		90	28.05	0.667	2.86	4.03	77	621.0	
8:10		90							
8:15		90	28.96	0.730	2.20	4.19	63	487.0	
8:20		90	29.34	0.728	1.84	4.19	63	425.0	
8:25		90							
8:30		90	29.98	0.696	2.24	4.19	60	237.0	
8:35		90	30.48	0.690	1.62	4.27	56	230.0	
8:40		90	30.66	0.677	2.50	4.22	60	209.0	
8:45		90	31.46	0.665	3.75	4.20	58	179.0	
8:50		90	31.30	0.660	4.30	4.18	60	181.0	
8:55		90	31.98	0.643	4.01	4.21	60	163.0	
9:00		90	32.88	0.629	3.75	4.26	58	158.0	
9:05		90	31.10	0.625	3.50	4.24	58	161.0	
9:10		90	31.90	0.619	3.39	4.26	59	165.0	
9:15		90	33.70	0.608	2.77	4.28	59	223.0	
9:20		90	34.95	0.606	2.36	4.27	59	242.0	
9:25		90	35.18	0.605	2.25	4.28	59	247.0	
9:30		90	35.40	0.607	2.17	4.31	59	284.0	
9:35		90							Collect sample PW06-06
9:40		90	35.54	0.606	2.11	4.32	59	391	
9:45		90	35.67	0.607	2.07	4.39	58	374	

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW06-07

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 17, 2008		5. DATE WELL COMPLETED: July 17, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 220 ft PUMP INTAKE: 218 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	55.20								Static head
10:50		100							Pump On
10:55		100	28.53	0.489	2.43	4.41	46	-5.0	
11:00		100							Horiba cleaned
11:05		100	27.54	0.479	1.40	4.50	41	982.0	
11:10		100	27.69	0.477	1.38	4.53	35	979.0	
11:15		100	27.32	0.468	1.24	4.56	36	-5.0	
11:20		100	27.41	0.463	1.15	4.59	38	-5.0	
11:25		100	27.14	0.458	1.10	4.66	36	-5.0	
11:30		100	27.41	0.434	1.01	4.73	30	-5.0	
11:35		100	27.55	0.421	0.97	4.77	28	-5.0	
11:40		100	27.39	0.401	1.02	4.75	29	366.0	Horiba cleaned
11:45		100	27.29	0.394	1.08	4.77	29	377.0	
11:50		100	27.13	0.391	1.07	4.78	29	-5.0	
11:55		100	27.39	0.382	1.05	4.80	28	947.0	
12:00		100	27.80	0.368	1.02	4.83	27	835.0	
12:05		100	27.61	0.366	1.07	4.81	26	851.0	
12:10		100	27.48	0.365	1.10	4.82	25	871.0	
12:15		100	26.73	0.357	1.14	4.81	24	826.0	
12:20		100	27.09	0.348	1.14	4.85	23	798.0	
12:25		100	27.39	0.340	1.12	4.87	21	767.0	
12:30		100							Collect sample PW06-07
12:40		100	28.01	0.333	1.13	4.91	22	740	
12:45		100	28.13	0.326	1.14	4.93	25	721	

Pump Type: CMT pump

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-01

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 14, 2008		5. DATE WELL COMPLETED: July 14, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 70 ft PUMP INTAKE: 68 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	51.50								Static head
14:45		80							Pump On
14:50			24.35	0.605	2.87	5.84	-116	29.0	
14:55			24.65	0.583	2.03	5.88	-110	22.9	
15:00			24.79	0.588	1.88	5.94	-108	28.3	
15:05			24.33	0.594	1.69	6.00	-110	56.8	
15:10			24.79	0.588	1.53	6.02	-110	58.2	
15:15			25.32	0.588	1.42	6.02	-110	56.1	
15:20			25.86	0.590	1.34	6.03	-112	59.6	
15:25			25.72	0.596	1.34	6.07	-116	66.9	
15:30			25.88	0.595	1.32	6.08	-118	68.6	
15:35			25.98	0.594	1.27	6.09	-120	69.0	
15:40			25.74	0.592	1.24	6.08	-121	50.0	
15:45			25.8	0.592	1.2	6.08	-121	48.60	
15:50			25.7	0.591	1.16	6.09	-122	46.3	
15:55									Collect sample PW07-01
									Water with mixed smell of revert and
									ammonia

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-02

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 15, 2008		5. DATE WELL COMPLETED: July 15, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 95 ft PUMP INTAKE: 92 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	51.80	100							Static head
8:20									Pump On
8:25			20.05	0.288	7.30	4.88	-29	64.2	
8:30			18.90	0.244	3.72	5.16	-42	40.8	
8:35			18.66	0.243	4.24	5.29	-41	32.0	
8:40			18.80	0.242	4.68	5.37	-32	27.7	
8:45			18.37	0.245	5.16	5.44	-18	22.1	
8:50			18.68	0.245	5.27	5.47	-12	20.8	
8:55			18.76	0.246	5.28	5.48	-5	19.8	
9:00			18.86	0.246	5.28	5.50	1	18.3	
9:05			18.90	0.246	5.28	5.49	4	17.2	
9:15									Collect sample PW07-02
									Water with mixed smell of revert and
									ammonia

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-03

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 14, 2008		5. DATE WELL COMPLETED: July 14, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 120 ft PUMP INTAKE: 118 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	51.80	100							Static head
15:00			20.81	0.283	8.18	5.23	-21	0.0	Pump On
15:05			20.62	0.28	8.00	5.21	-13	0.0	Turbidity sensor shorted.
15:10			20.88	0.278	7.68	5.2	0	0.0	Water seems clear
15:15			21.20	0.278	7.58	5.23	8	0.0	
15:20			21.08	0.278	8.13	5.23	20	0.0	
15:25			20.84	0.279	7.71	5.26	23	0.0	
15:30			20.80	0.278	7.47	5.28	24	0.0	
15:35			20.48	0.278	7.37	5.34	26	0.0	
15:40			20.42	0.280	8.72	5.40	24	0.0	
15:45			20.52	0.281	8.66	5.46	20	0.0	
15:50			20.21	0.283	8.04	5.53	13	0.4	
15:55			20.39	0.283	8.03	5.56	9	3.4	
16:00			20.18	0.283	8.06	5.60	6	9.20	
16:05			20.22	0.283	8.03	5.65	0	14.4	
16:10			20.39	0.283	8.03	5.68	-2	21.4	
16:15			20.63	0.282	8.04	5.71	-5	22.2	
16:20			20.75	0.283	8.04	5.74	-8	22.8	
16:25			21.36	0.281	8.03	5.78	-11	20	
16:30			21.30	0.283	8.03	5.79	-11	19.5	
16:35									Collect sample PW07-03
16:45			20.98	0.283	8.04	5.81	-11	18.4	
16:50			21.05	0.283	8.04	5.79	-12	19.7	

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-04

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 15, 2008		5. DATE WELL COMPLETED: July 15, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 145 ft PUMP INTAKE: 143 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	52.00								Static head
9:30		85							Pump On
9:35									
9:40			20.90	0.325	4.07	4.99	-86	40.8	
9:45			20.64	0.312	2.37	5.16	-105	28.9	
9:50			20.58	0.305	2.19	5.17	-108	26.9	
9:55			20.51	0.299	2.01	5.25	-111	28.1	
10:00			20.59	0.286	1.81	5.22	-110	27.3	
10:05			20.31	0.269	1.73	5.31	-111	29.7	
10:10			20.43	0.256	1.69	5.39	-106	35.1	
10:15			20.75	0.251	1.69	5.40	-103	38.2	
10:20			20.93	0.248	1.68	5.41	-99	45.3	
10:25			20.81	0.247	1.7	5.42	-95	43.0	
10:30									Collect sample PW07-04

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-05

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 15, 2008		5. DATE WELL COMPLETED: July 15, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 170 ft PUMP INTAKE: 157 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	52.00								Static head
10:50		80							Pump On
10:55			32.63	0.254	5.77	5.74	-55	0.0	Turbidity sensor shorted.
11:00			32.55	0.253	5.54	5.87	-57	0.0	Water seems clear
11:05			32.48	0.250	5.40	5.89	-57	0.0	
11:10			32.26	0.245	5.32	5.88	-54	0.0	
11:15			32.50	0.239	5.16	5.87	-52	0.0	
11:20			32.59	0.238	5.15	5.88	-51	0.0	
11:25			32.57	0.235	5.16	5.88	-51	0.0	
11:30			32.72	0.232	5.13	5.87	-49	0.0	
11:35			32.61	0.231	5.14	5.89	-49	0.0	
11:40									
11:50									Collect sample PW07-05
									MS/MSD
									Duplicate sample PW07-55

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-06

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 15, 2008		5. DATE WELL COMPLETED: July 15, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 195 ft PUMP INTAKE: 193 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	52.50	110							Static head
9:55									Pump On
10:00			29.00	0.371	6.66	5.06	-82	0.0	Turbidity sensor shorted.
10:05			27.37	0.405	5.91	5.18	-105	0.0	Cloudy water - high turbidity
10:10			27.51	0.396	4.95	5.33	-128	0.0	
10:15			27.64	0.398	4.88	5.39	-138	0.0	
10:20			28.16	0.397	4.70	5.44	-153	0.0	
10:25			28.54	0.402	4.62	5.52	-166	0.0	Clear water - Horiba meter changed
10:30			28.99	0.367	2.80	5.33	-151	52.7	
10:35			29.38	0.364	2.33	5.39	-157	47.8	
10:40			29.96	0.359	2.12	5.50	-163	45.6	
10:45			30.02	0.362	2.02	5.60	-165	42.8	
10:50			30.04	0.344	1.97	5.61	-163	39.5	
10:55			30.37	0.334	1.91	5.70	-162	41.10	
11:00			30.29	0.335	1.85	5.77	-158	47.3	
11:05			30.53	0.324	1.81	5.78	-157	52.2	
11:10			30.83	0.324	1.77	5.84	-154	61.2	
11:15			30.91	0.323	1.71	5.84	-153	64.8	
11:20			31.04	0.317	1.73	5.89	-151	71.9	
11:25			31.29	0.313	1.6	5.9	-148	73	
11:30			31.55	0.311	1.79	5.88	-146	77.2	
11:40									Collect sample PW07-06
11:50			32.05	0.309	1.77	5.89	-144	78.1	
11:55			32.13	0.308	1.78	5.88	-143	79.7	

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

EarthTech

A tyco International Ltd. Company

WELL NO. PW07-07

WELL SAMPLING FORM	PROJECT: Anchor Lith Kem Ko	PROJECT No.: 101351	SHEET: 1 OF SHEETS: 1
1. LOCATION: Hicksville, NY	4. DATE WELL STARTED: July 15, 2008		5. DATE WELL COMPLETED: July 15, 2008
2. CLIENT: NYSDEC	6. NAME OF INSPECTOR: Vipul Mehra, Priyal Pandya		
3. DRILLING COMPANY:	7. SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : gal WELL TD: 220 ft PUMP INTAKE: 218 ft

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	52.50								Static head
12:40		100							Pump On
12:45			26.38	0.357	5.55	4.50	-23	115.0	
12:50			25.63	0.442	4.02	4.44	-49	79.8	
12:55			26.40	0.446	3.12	4.49	-58	84.2	
13:00			26.57	0.461	2.64	4.54	-65	84.6	
13:05			27.22	0.464	2.21	4.63	-78	116.0	
13:10			27.42	0.463	1.99	4.72	-88	129.0	
13:15			26.63	0.453	1.92	4.82	-100	170.0	
13:20			27.10	0.447	1.67	4.88	-114	206.0	
13:25			27.37	0.433	1.58	4.96	-121	217.0	
13:30			28.16	0.421	1.50	4.98	-121	230.0	
13:35			28.53	0.405	1.45	5.07	-116	263.0	
13:40			26.99	0.391	1.55	5.25	-111	277.0	Horiba cleaned
13:45			26.06	0.367	1.56	5.27	-101	260.0	
13:50			26.33	0.366	1.52	5.38	-103	256.0	
13:55			27.21	0.359	1.45	5.35	-96	252.0	
14:00			28.06	0.356	1.40	5.39	-94	259.0	
14:05			28.89	0.355	1.37	5.43	-93	264.0	
14:10			29.07	0.356	1.37	5.49	-93	274.0	
14:15			29.68	0.356	1.36	5.52	-92	281.0	
14:20									Collect sample PW07-07
14:30			29.69	0.355	1.35	5.54	-90	284	
14:35			29.71	0.355	1.35	5.57	-91	287	

Pump Type: CMT pump,

Analytical Parameters: VOCs, TAL Metals

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-01		PW-01		PW-01		PW-01		PW-01	
CMT Sample ID	NYSDEC	PW-01-01		PW-01-02		PW-01-03		PW-01-04		PW-01-05	
CMT screen interval (ft bgs)	Class GA	70-72		80-82		90-92		100-102		110-112	
Laboratory ID	Groundwater	AC38653-001		AC38653-003		AC38653-008		AC38653-002		AC38711-001	
Sample Date	Criteria	7/11/08		7/11/08		7/11/08		7/11/08		7/14/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-trichloro-1,2,2-trifluoroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	0.04	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane	5	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	5	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane	NC	50	R	50	R	50	R	50	R	50	R
2-Butanone	NC	1	U	1	U	1	U	1	U	1	U
2-Chloroethylvinylether	NC	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
2-Hexanone	50	1	U	1	U	1	U	1	U	1	U
4-Isopropyltoluene	5	1	U	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	NC	1	U	1	U	1	U	1	U	1	U
Acetone	50	5	U	5	U	5	UJ	23		5	U
Acrolein	5	5	U	5	U	5	UJ	5	U	5	UJ
Acrylonitrile	5	1	U	1	U	1	UJ	1	U	1	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	50	1	U	1	U	1	U	1	U	1	U
Bromoform	50	1	U	1	U	1	U	1	U	1	U
Bromomethane	5	1	U	1	U	1	UJ	1	U	1	U
Carbon Disulfide	60	1	U	1	U	1	UJ	1	U	1	U
Carbon Tetrachloride	5	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	1	U	1	U	1	U	1	U	1	U
Chloroform	7	1	U	1	U	1	U	1	U	1	U
Chloromethane	5	1	U	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-01		PW-01		PW-01		PW-01		PW-01	
CMT Sample ID	NYSDEC	PW-01-01		PW-01-02		PW-01-03		PW-01-04		PW-01-05	
CMT screen interval (ft bgs)	Class GA	70-72		80-82		90-92		100-102		110-112	
Laboratory ID	Groundwater	AC38653-001		AC38653-003		AC38653-008		AC38653-002		AC38711-001	
Sample Date	Criteria	7/11/08		7/11/08		7/11/08		7/11/08		7/14/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
cis-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Cyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	U	1	U	1	UJ	1	U	1	U
Ethylbenzene	5	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	5	1	U	1	U	1	U	1	U	1	U
m&p-Xylenes	5	2	U	2	U	2	U	2	U	2	U
Methyl Acetate	NC	1	U	1	U	1	UJ	1	U	1	U
Methylcyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Methylene Chloride	5	1	U	1	U	1	U	1	U	1	U
Methyl-t-butyl ether	10	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
n-Propylbenzene	5	1	U	1	U	1	U	1	U	1	U
o-Xylene	5	1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U	1	U
t-Butyl Alcohol	NC	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
t-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	5	1	U	1	U	1	U	1	U	1	U
Toluene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Trichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane	5	1	U	1	U	1	U	1	U	1	U
Vinyl Chloride	2	1	U	1	U	1	UJ	1	U	1	U
TAL Metals											
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Aluminum	NC	100	U	100	U	370		100	U	200	
Antimony	3	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
Arsenic	25	4	U	4	U	7.1		4	U	4	U
Barium	1,000	93		72		67		65		76	
Beryllium	3	4	U	4	U	4	U	4	U	4	U
Cadmium	5	2	U	2	U	2	U	2	U	2	U
Calcium	NC	9,600	J	14,000	J	10,000	J	10,000	J	9,800	J
Chromium	50	25	U	25	U	25	U	25	U	25	U
Cobalt	NC	18		10	U	10	U	10	U	10	U
Copper	200	25	U	25	U	25	U	25	U	25	U
Iron	300	**7,900**	J	1,200	J	6,000	J	7,000	J	2,600	
Lead	25	5	U	5	U	5	U	5	U	5	U
Magnesium	35,000	1,700		1,900		1,500		1,500		1,500	

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-01		PW-01		PW-01		PW-01		PW-01	
CMT Sample ID	NYSDEC	PW-01-01		PW-01-02		PW-01-03		PW-01-04		PW-01-05	
CMT screen interval (ft bgs)	Class GA	70-72		80-82		90-92		100-102		110-112	
Laboratory ID	Groundwater	AC38653-001		AC38653-003		AC38653-008		AC38653-002		AC38711-001	
Sample Date	Criteria	7/11/08		7/11/08		7/11/08		7/11/08		7/14/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Manganese	300	**2000**		150		880		1,100		340	
Nickel	100	10	U	10	U	10	U	10	U	10	U
Potassium	NC	2,500	U	2,900		2,800		2,800		2,700	
Selenium	10	25	U	25	U	25	U	25	U	25	U
Silver	50	10	U	10	U	10	U	10	U	10	U
Sodium	20,000	**150,000**		23,000		27,000		34,000		24,000	
Thallium	0.5	5	U	5	U	5	U	5	U	5	U
Vanadium	NC	25	U	25	U	25	U	25	U	25	U
Zinc	2000	25	U	25	U	25	U	25	U	130	

U - Not detected
NC - No criterion
J - Estimated value

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-01		PW-01		PW-02		PW-02		PW-02	
CMT Sample ID	NYSDEC	PW-01-06		PW-01-07		PW-02-01		PW-02-02		PW-02-03	
CMT screen interval (ft bgs)	Class GA	120-122		130-132		71-73		86-88		101-103	
Laboratory ID	Groundwater	AC38653-004		AC38711-002		AC38637-002		AC38601-008		AC38637-004	
Sample Date	Criteria	7/11/08		7/14/08		7/9/08		7/9/08		7/10/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1	U	1	U	1	U	1	U	**13**	
1,1,2,2-Tetrachloroethane	5	1	U	1	U	1	U	1	UJ	1	U
1,1,2-trichloro-1,2,2-trifluoroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	1	U	1	U	1	U	**9.5**	
1,1-Dichloroethene	5	1	U	1	U	1	U	1	U	2	
1,2,3-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	5	1	U	1	U	1	U	1	UJ	1	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	0.04	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane	5	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	5	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane	NC	50	R	50	R	50	R	50	R	50	R
2-Butanone	NC	1	U	1	U	1	U	1	U	1	U
2-Chloroethylvinylether	NC	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
2-Hexanone	50	1	U	1	U	1	U	1	UJ	1	U
4-Isopropyltoluene	5	1	U	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	NC	1	U	1	U	1	U	1	UJ	1	U
Acetone	50	5	U	5	U	28		27		30	
Acrolein	5	5	U	5	UJ	5	U	5	U	5	U
Acrylonitrile	5	1	U	1	U	1	U	1	U	1	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	50	1	U	1	U	1	U	1	U	1	U
Bromoform	50	1	U	1	U	1	U	1	U	1	U
Bromomethane	5	1	U	1	U	1	U	1	UJ	1	U
Carbon Disulfide	60	1	U	1	U	1	U	1	UJ	1	U
Carbon Tetrachloride	5	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	1	U	1	U	1	U	1	UJ	1	U
Chloroform	7	1	U	1	U	1	U	1	U	1	U
Chloromethane	5	1	U	1	U	1	U	1	UJ	1	U
cis-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-01		PW-01		PW-02		PW-02		PW-02	
CMT Sample ID	NYSDEC	PW-01-06		PW-01-07		PW-02-01		PW-02-02		PW-02-03	
CMT screen interval (ft bgs)	Class GA	120-122		130-132		71-73		86-88		101-103	
Laboratory ID	Groundwater	AC38653-004		AC38711-002		AC38637-002		AC38601-008		AC38637-004	
Sample Date	Criteria	7/11/08		7/14/08		7/9/08		7/9/08		7/10/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
cis-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Cyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	U	1	U	1	U	1	U	1	U
Ethylbenzene	5	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	5	1	U	1	U	1	U	1	U	1	U
m&p-Xylenes	5	2	U	2	U	2	U	2	U	2	U
Methyl Acetate	NC	1	U	1	U	1	U	1	UJ	1	U
Methylcyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Methylene Chloride	5	1	U	1	U	1	U	1	U	1	U
Methyl-t-butyl ether	10	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
n-Propylbenzene	5	1	U	1	U	1	U	1	U	1	U
o-Xylene	5	1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U	1	U
t-Butyl Alcohol	NC	5	UJ	5	UJ	5	UJ	5	U	5	UJ
t-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	5	1	U	1	U	1	U	1	U	1	U
Toluene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Trichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane	5	1	U	1	U	1	U	1	U	1	U
Vinyl Chloride	2	1	U	1	U	1	U	1	U	1	U
TAL Metals											
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Aluminum	NC	100	U	100	U	410		150		100	U
Antimony	3	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
Arsenic	25	4	U	4.2		4	U	7		4	U
Barium	1,000	72		91		47		40		190	
Beryllium	3	4	U	4	U	4	U	4	U	4	U
Cadmium	5	2	U	2	U	2	U	2	U	2	U
Calcium	NC	12,000	J	13,000	J	19,000		13,000	J	14,000	
Chromium	50	25	U	25	U	25	U	25	U	25	U
Cobalt	NC	10	U	10	U	10	U	10	U	10	U
Copper	200	25	U	25	U	25	U	25	U	25	U
Iron	300	1,300	J	3,000		5,000		5,900	J	4,600	
Lead	25	5	U	5	U	5	U	5	U	5	U
Magnesium	35,000	1,600		1,700		3,500		2,600		2,900	

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-01		PW-01		PW-02		PW-02		PW-02	
CMT Sample ID	NYSDEC	PW-01-06		PW-01-07		PW-02-01		PW-02-02		PW-02-03	
CMT screen interval (ft bgs)	Class GA	120-122		130-132		71-73		86-88		101-103	
Laboratory ID	Groundwater	AC38653-004		AC38711-002		AC38637-002		AC38601-008		AC38637-004	
Sample Date	Criteria	7/11/08		7/14/08		7/9/08		7/9/08		7/10/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Manganese	300	130		71		140		150		**1200**	
Nickel	100	10	U	10	U	10	U	10	U	10	U
Potassium	NC	2,500	U	2,500	U	2,500	U	2,500	U	2,500	U
Selenium	10	25	U	25	U	25	U	25	U	25	U
Silver	50	10	U	10	U	10	U	10	U	10	U
Sodium	20,000	41,000		50,000		5,000		**30,000**		**52,000**	
Thallium	0.5	5	U	5	U	5	U	5	U	5	U
Vanadium	NC	25	U	25	U	25	U	25	U	25	U
Zinc	2000	25	U	49		25	U	25	U	25	U

U - Not detected
NC - No criterion
J - Estimated value

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-02		PW-02		PW-02		PW-02		PW-03	
CMT Sample ID	NYSDEC	PW-02-04		PW-02-05		PW-02-06		PW-02-07		PW-03-01	
CMT screen interval (ft bgs)	Class GA	116-118		131-133		146-148		160-162		70-72	
Laboratory ID	Groundwater	AC38637-003		AC38601-009		AC38637-001		AC38637-005		AC38601-003	
Sample Date	Criteria	7/10/08		7/9/08		7/9/08		7/10/08		7/8/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1	U	1	U	1	U	1	U	1.5	
1,1,2,2-Tetrachloroethane	5	1	U	1	UJ	1	U	1	U	1	U
1,1,2-trichloro-1,2,2-trifluoroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	5	1	U	1	UJ	1	U	1	U	1	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	0.04	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane	5	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	5	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane	NC	50	R	50	R	50	R	50	R	50	R
2-Butanone	NC	1	U	1	U	1	U	1	U	5	U
2-Chloroethylvinylether	NC	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
2-Hexanone	50	1	U	1	UJ	1	U	1	U	5	U
4-Isopropyltoluene	5	1	U	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	NC	1	U	1	UJ	1	U	1	U	1	U
Acetone	50	**230**		5	U	**720**		**79**		38	
Acrolein	5	5	U	5	U	5	U	5	U	5	U
Acrylonitrile	5	1	U	1	U	1	U	1	U	1	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	50	1	U	1	U	1	U	1	U	1	U
Bromoform	50	1	U	1	U	1	U	1	U	1	U
Bromomethane	5	1	U	1	UJ	1	U	1	U	1	U
Carbon Disulfide	60	1	U	1	UJ	1	U	1	U	1	U
Carbon Tetrachloride	5	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	1	U	1	UJ	1	U	1	U	1	U
Chloroform	7	1	U	1	U	1	U	1.8		1	U
Chloromethane	5	1	U	1	UJ	1	U	1	U	1	U
cis-1,2-Dichloroethene	5	1	U	1	U	1	U	1.3		1	U

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-02		PW-02		PW-02		PW-02		PW-03	
CMT Sample ID	NYSDEC	PW-02-04		PW-02-05		PW-02-06		PW-02-07		PW-03-01	
CMT screen interval (ft bgs)	Class GA	116-118		131-133		146-148		160-162		70-72	
Laboratory ID	Groundwater	AC38637-003		AC38601-009		AC38637-001		AC38637-005		AC38601-003	
Sample Date	Criteria	7/10/08		7/9/08		7/9/08		7/10/08		7/8/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
cis-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Cyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	U	1	U	1	U	1	U	1	U
Ethylbenzene	5	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	5	1	U	1	U	1	U	1	U	1	U
m&p-Xylenes	5	2	U	2	U	2	U	2	U	2	U
Methyl Acetate	NC	1	U	1	UJ	1	U	1	U	1	U
Methylcyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Methylene Chloride	5	1	U	1	U	1	U	2.1		1	U
Methyl-t-butyl ether	10	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
n-Propylbenzene	5	1	U	1	U	1	U	1	U	1	U
o-Xylene	5	1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U	1	U
t-Butyl Alcohol	NC	5	UJ	5	U	5	UJ	5	UJ	5	U
t-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	5	1	U	1	U	3		**82**		1	U
Toluene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Trichloroethene	5	1	U	1	U	1	U	2.4		1	U
Trichlorofluoromethane	5	1	U	1	U	1	U	1	U	1	U
Vinyl Chloride	2	1	U	1	U	1	U	1	U	1	U
TAL Metals											
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Aluminum	NC	360		3,800		100	U	400		100	U
Antimony	3	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
Arsenic	25	4	U	4	U	4.4		6.8		4	U
Barium	1,000	58		57		75		35		120	
Beryllium	3	4	U	4	U	4	U	4	U	4	U
Cadmium	5	2	U	2	U	2	U	2	U	2	U
Calcium	NC	17,000		18,000	J	19,000		17,000		23,000	J
Chromium	50	25	U	25	U	25	U	25	U	25	U
Cobalt	NC	10	U	10	U	10	U	10	U	12	
Copper	200	25	U	25	U	25	U	25	U	25	U
Iron	300	7,600		6,400	J	10,000		18,000		14,000	J
Lead	25	5	U	5	U	5	U	5	U	5	U
Magnesium	35,000	1,800		2,700		5,300		5,100		2,900	

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-02		PW-02		PW-02		PW-02		PW-03	
CMT Sample ID	NYSDEC	PW-02-04		PW-02-05		PW-02-06		PW-02-07		PW-03-01	
CMT screen interval (ft bgs)	Class GA	116-118		131-133		146-148		160-162		70-72	
Laboratory ID	Groundwater	AC38637-003		AC38601-009		AC38637-001		AC38637-005		AC38601-003	
Sample Date	Criteria	7/10/08		7/9/08		7/9/08		7/10/08		7/8/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Manganese	300	**1300**		130		**380**		53		**440**	
Nickel	100	10	U	15		10	U	10	U	13	
Potassium	NC	2,500	U	2,500	U	2,800		2,500	U	24,000	
Selenium	10	25	U	25	U	25	U	25	U	25	U
Silver	50	10	U	10	U	10	U	10	U	10	U
Sodium	20,000	**14,000**		**29,000**		**38,000**		**58,000**		**39,000**	
Thallium	0.5	5	U	5	U	5	U	5	U	5	U
Vanadium	NC	25	U	25	U	25	U	25	U	25	U
Zinc	2000	25	U	25	U	25	U	25	U	130	

U - Not detected
NC - No criterion
J - Estimated value

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-03		PW-03		PW-03		PW-03		PW-03	
CMT Sample ID	NYSDEC	PW-03-02		PW-03-03		PW-03-04		PW-03-05		PW-03-06	
CMT screen interval (ft bgs)	Class GA	85-87		100-102		115-117		130-132		145-147	
Laboratory ID	Groundwater	AC38601-001		AC38601-005		AC38601-002		AC38601-004		AC38601-006	
Sample Date	Criteria	7/8/08		7/9/08		7/8/08		7/8/08		7/9/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1.2		**9.7**		1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	5	1	U	1	UJ	1	U	1	UJ	1	UJ
1,1,2-trichloro-1,2,2-trifluoroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5	2.3		4.6		1	U	1	U	1	U
1,1-Dichloroethene	5	1	U	1.1		1	U	1	U	1	U
1,2,3-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	5	1	U	1	UJ	1	U	1	UJ	1	UJ
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	0.04	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane	5	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	5	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane	NC	50	R	50	R	50	R	50	R	50	R
2-Butanone	NC	5	U	1	U	5	U	1	U	1	U
2-Chloroethylvinylether	NC	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
2-Hexanone	50	5	U	1	UJ	5	U	1	UJ	1	UJ
4-Isopropyltoluene	5	1	U	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	NC	1	U	1	UJ	1	U	1	UJ	1	UJ
Acetone	50	37		5	U	130		73		200	
Acrolein	5	5	U	5	U	5	U	5	U	5	U
Acrylonitrile	5	1	U	1	U	1	U	1	U	1	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	50	1	U	1	U	1	U	1	U	1	U
Bromoform	50	1	U	1	U	1	U	1	U	1	U
Bromomethane	5	1	U	1	UJ	1	U	1	UJ	1	UJ
Carbon Disulfide	60	1	U	1	UJ	1	U	1	UJ	1	UJ
Carbon Tetrachloride	5	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	1	U	1	UJ	1	U	1	UJ	1	UJ
Chloroform	7	1	U	1	U	1	U	1	U	1	U
Chloromethane	5	1	U	1	UJ	1	U	1	UJ	1	UJ
cis-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-03		PW-03		PW-03		PW-03		PW-03	
CMT Sample ID	NYSDEC	PW-03-02		PW-03-03		PW-03-04		PW-03-05		PW-03-06	
CMT screen interval (ft bgs)	Class GA	85-87		100-102		115-117		130-132		145-147	
Laboratory ID	Groundwater	AC38601-001		AC38601-005		AC38601-002		AC38601-004		AC38601-006	
Sample Date	Criteria	7/8/08		7/9/08		7/8/08		7/8/08		7/9/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
cis-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Cyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	U	1	U	1	U	1	U	1	U
Ethylbenzene	5	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	5	1	U	1	U	1	U	1	U	1	U
m&p-Xylenes	5	2	U	2	U	2	U	2	U	2	U
Methyl Acetate	NC	1	U	1	UJ	1	U	1	UJ	1	UJ
Methylcyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Methylene Chloride	5	1	U	1	U	1	U	1	U	1	U
Methyl-t-butyl ether	10	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
n-Propylbenzene	5	1	U	1	U	1	U	1	U	1	U
o-Xylene	5	1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U	1	U
t-Butyl Alcohol	NC	5	U	5	U	5	U	5	U	5	U
t-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	5	1	U	1	U	1	U	1	U	1	U
Toluene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Trichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane	5	1	U	1	U	1	U	1	U	1	U
Vinyl Chloride	2	1	U	1	U	1	U	1	U	1	U
TAL Metals											
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Aluminum	NC	100	U	100	U	210		100	U	120	
Antimony	3	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
Arsenic	25	7.9		4	U	4	U	4	U	4	U
Barium	1,000	290		25	U	25	U	46		44	
Beryllium	3	4	U	4	U	4	U	4	U	4	U
Cadmium	5	2	U	2	U	2	U	2	U	2	U
Calcium	NC	24,000	J	8,800	J	13,000	J	12,000	J	12,000	J
Chromium	50	25	U	25	U	25	U	25	U	25	U
Cobalt	NC	10	U	10	U	10	U	10	U	10	U
Copper	200	25	U	25	U	25	U	25	U	25	U
Iron	300	18,000	J	450	J	6,500	J	3,200	J	4,600	J
Lead	25	5	U	5	U	5	U	5	U	5	U
Magnesium	35,000	3,000		1,300		2,500		2,000		3,000	

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-03		PW-03		PW-03		PW-03		PW-03	
CMT Sample ID	NYSDEC	PW-03-02		PW-03-03		PW-03-04		PW-03-05		PW-03-06	
CMT screen interval (ft bgs)	Class GA	85-87		100-102		115-117		130-132		145-147	
Laboratory ID	Groundwater	AC38601-001		AC38601-005		AC38601-002		AC38601-004		AC38601-006	
Sample Date	Criteria	7/8/08		7/9/08		7/8/08		7/8/08		7/9/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Manganese	300	**2,700**		**370**		**800**		130		**510**	
Nickel	100	10	U	10	U	10	U	12		10	U
Potassium	NC	25,000		2,500	U	2,500	U	2,500	U	2,500	U
Selenium	10	25	U	25	U	25	U	25	U	25	U
Silver	50	10	U	10	U	10	U	10	U	10	U
Sodium	20,000	**54,000**		**29,000**		**57,000**		**34,000**		**44,000**	
Thallium	0.5	5	U	5	U	5	U	5	U	5	U
Vanadium	NC	25	U	25	U	25	U	25	U	25	U
Zinc	2000	25	U	52		25	U	29		25	U

U - Not detected
NC - No criterion
J - Estimated value

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-03		PW-04		PW-04		PW-04		PW-04	
CMT Sample ID	NYSDEC	PW-03-07		PW-04-01		PW-04-02		PW-04-03		PW-04-04	
CMT screen interval (ft bgs)	Class GA	160-162		71-73		86-88		101-103		116-118	
Laboratory ID	Groundwater	AC38601-007		AC38739-001		AC38739-003		AC38739-002		AC38739-005	
Sample Date	Criteria	7/9/08		7/15/08		7/15/08		7/15/08		7/16/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1	U	2.5		1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	5	1	UJ	1	U	1	U	1	U	1	U
1,1,2-trichloro-1,2,2-trifluoroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	1.1		1	U	1	U	1	U
1,1-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	5	1	UJ	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	0.04	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane	5	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	5	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane	NC	50	R	50	R	50	R	50	R	50	R
2-Butanone	NC	1	U	1	U	1	U	1	U	1	U
2-Chloroethylvinylether	NC	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
2-Hexanone	50	1	UJ	1	U	1	U	1	U	1	U
4-Isopropyltoluene	5	1	U	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	NC	1	UJ	1	U	1	U	1	U	1	U
Acetone	50	560		5	U	5	U	5	U	5	U
Acrolein	5	5	U	5	U	5	U	5	U	5	U
Acrylonitrile	5	1	U	1	U	1	U	1	U	1	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	50	1	U	1	U	1	U	1	U	1	U
Bromoform	50	1	U	1	U	1	U	1	U	1	U
Bromomethane	5	1	UJ	1	U	1	U	1	U	1	U
Carbon Disulfide	60	1	UJ	1	UJ	1	UJ	1	UJ	1	U
Carbon Tetrachloride	5	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	1	UJ	1	U	1	U	1	U	1	U
Chloroform	7	1	U	1	U	1	U	1	U	1	U
Chloromethane	5	1	UJ	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-03		PW-04		PW-04		PW-04		PW-04	
CMT Sample ID	NYSDEC	PW-03-07		PW-04-01		PW-04-02		PW-04-03		PW-04-04	
CMT screen interval (ft bgs)	Class GA	160-162		71-73		86-88		101-103		116-118	
Laboratory ID	Groundwater	AC38601-007		AC38739-001		AC38739-003		AC38739-002		AC38739-005	
Sample Date	Criteria	7/9/08		7/15/08		7/15/08		7/15/08		7/16/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
cis-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Cyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	U	1	U	1	U	1	U	1	U
Ethylbenzene	5	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	5	1	U	1	U	1	U	1	U	1	U
m&p-Xylenes	5	2	U	2	U	2	U	2	U	2	U
Methyl Acetate	NC	1	UJ	1	U	1	U	1	U	1	U
Methylcyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Methylene Chloride	5	1	U	1	U	1	U	1	U	1	U
Methyl-t-butyl ether	10	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
n-Propylbenzene	5	1	U	1	U	1	U	1	U	1	U
o-Xylene	5	1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U	1	U
t-Butyl Alcohol	NC	5	U	5	UJ	5	UJ	5	UJ	5	UJ
t-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	5	7.8		1	U	1	U	1	U	1	U
Toluene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Trichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane	5	1	U	1	U	1	U	1	U	1	U
Vinyl Chloride	2	1	U	1	U	1	U	1	U	1	U
TAL Metals											
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Aluminum	NC	320		100	U	100	U	100	U	230	
Antimony	3	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
Arsenic	25	5.9		5.1		4	U	4	U	4	U
Barium	1,000	48		120		85		75		25	U
Beryllium	3	4	U	4	U	4	U	4	U	4	U
Cadmium	5	2	U	2	U	2	U	2	U	2	U
Calcium	NC	19,000	J	12,000		13,000		9,600		7,100	
Chromium	50	25	U	25	U	25	U	25	U	25	U
Cobalt	NC	10	U	10	U	10	U	10	U	10	U
Copper	200	25	U	25	U	25	U	25	U	25	U
Iron	300	35,000	J	3,300		7,100		220		650	
Lead	25	5	U	5	U	5	U	5	U	5	U
Magnesium	35,000	5,400		2,300		2,800		1,500		1,200	

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-03		PW-04		PW-04		PW-04		PW-04	
CMT Sample ID	NYSDEC	PW-03-07		PW-04-01		PW-04-02		PW-04-03		PW-04-04	
CMT screen interval (ft bgs)	Class GA	160-162		71-73		86-88		101-103		116-118	
Laboratory ID	Groundwater	AC38601-007		AC38739-001		AC38739-003		AC38739-002		AC38739-005	
Sample Date	Criteria	7/9/08		7/15/08		7/15/08		7/15/08		7/16/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Manganese	300	**370**		550		310		65		26	
Nickel	100	10	U	11		10	U	10	U	10	U
Potassium	NC	2,500	U	7,500		2,500	U	2,500	U	2,500	U
Selenium	10	25	U	25	U	25	U	25	U	25	U
Silver	50	10	U	10	U	10	U	10	U	10	U
Sodium	20,000	**32,000**		42,000		38,000		25,000		39,000	
Thallium	0.5	5	U	5	U	5	U	5	U	5	U
Vanadium	NC	25	U	25	U	25	U	25	U	25	U
Zinc	2000	25	U	25	U	25	U	25	U	25	U

U - Not detected
NC - No criterion
J - Estimated value

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-04		PW-04		PW-04		PW-05		PW-05	
CMT Sample ID	NYSDEC	PW-04-05		PW-04-06		PW-04-07		PW-05-01		PW-05-02	
CMT screen interval (ft bgs)	Class GA	131-133		146-148		161-163		68.5-70.5		93.5-95.5	
Laboratory ID	Groundwater	AC38739-009		AC38739-006		AC38739-008		AC38771-006		AC38492-001	
Sample Date	Criteria	7/16/08		7/16/08		7/16/08		7/17/08		7/18/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1	U	1	U	2.5		1	U	1	U
1,1,2,2-Tetrachloroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-trichloro-1,2,2-trifluoroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	1	U	1		1	U	1	U
1,1-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	0.04	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane	5	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	5	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane	NC	50	R	50	R	50	R	50	R	50	R
2-Butanone	NC	1	U	1	U	1	U	1	U	1	U
2-Chloroethylvinylether	NC	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
2-Hexanone	50	1	U	1	U	1	U	1	U	1	UJ
4-Isopropyltoluene	5	1	U	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	NC	1	U	1	U	1	U	1	U	1	UJ
Acetone	50	96	J	17		5	U	5	UJ	5	UJ
Acrolein	5	5	UJ	5	U	5	U	5	UJ	5	UJ
Acrylonitrile	5	1	UJ	1	U	1	U	1	UJ	1	UJ
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	50	1	U	1	U	1	U	1	U	1	U
Bromoform	50	1	U	1	U	1	U	1	U	1	U
Bromomethane	5	1	UJ	1	U	1	U	1	UJ	1	U
Carbon Disulfide	60	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
Carbon Tetrachloride	5	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	1	U	1	U	1	U	1	U	1	U
Chloroform	7	1	U	1	U	1	U	1	U	1	U
Chloromethane	5	1	U	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-04		PW-04		PW-04		PW-05		PW-05	
CMT Sample ID	NYSDEC	PW-04-05		PW-04-06		PW-04-07		PW-05-01		PW-05-02	
CMT screen interval (ft bgs)	Class GA	131-133		146-148		161-163		68.5-70.5		93.5-95.5	
Laboratory ID	Groundwater	AC38739-009		AC38739-006		AC38739-008		AC38771-006		AC38492-001	
Sample Date	Criteria	7/16/08		7/16/08		7/16/08		7/17/08		7/18/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
cis-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Cyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	UJ	1	U	1	U	1	UJ	1	U
Ethylbenzene	5	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	5	1	U	1	U	1	U	1	U	1	U
m&p-Xylenes	5	2	U	2	U	2	U	2	U	2	U
Methyl Acetate	NC	1	UJ	1	U	1	U	1	UJ	1	UJ
Methylcyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Methylene Chloride	5	1	U	1	U	1	U	1	U	1	U
Methyl-t-butyl ether	10	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
n-Propylbenzene	5	1	U	1	U	1	U	1	U	1	U
o-Xylene	5	1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U	1	U
t-Butyl Alcohol	NC	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
t-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	5	1	U	1	U	1	U	1	U	1	U
Toluene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Trichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane	5	1	U	1	U	1	U	1	U	1	U
Vinyl Chloride	2	1	UJ	1	U	1	U	1	UJ	1	U
TAL Metals											
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Aluminum	NC	100	U	1,200		100	U	140		100	U
Antimony	3	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
Arsenic	25	6.7		4	U	4	U	4	U	4	U
Barium	1,000	35		25	U	120		36		77	
Beryllium	3	4	U	4	U	4	U	4	U	4	U
Cadmium	5	2	U	2	U	2	U	2	U	2	U
Calcium	NC	12,000		5,200		12,000		17,000		18,000	
Chromium	50	25	U	25	U	25	U	25	U	25	U
Cobalt	NC	10	U	10	U	15		22		10	U
Copper	200	25	U	25	U	25	U	25	U	25	U
Iron	300	12,000		4,400		4,600		6,400		8,500	
Lead	25	5	U	5	U	5	U	5	U	5	U
Magnesium	35,000	2,000		1,000	U	2,100		4,300		3,500	

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-04		PW-04		PW-04		PW-05		PW-05	
CMT Sample ID	NYSDEC	PW-04-05		PW-04-06		PW-04-07		PW-05-01		PW-05-02	
CMT screen interval (ft bgs)	Class GA	131-133		146-148		161-163		68.5-70.5		93.5-95.5	
Laboratory ID	Groundwater	AC38739-009		AC38739-006		AC38739-008		AC38771-006		AC38492-001	
Sample Date	Criteria	7/16/08		7/16/08		7/16/08		7/17/08		7/18/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Manganese	300	320		62		490		790		460	
Nickel	100	10	U	10	U	13		15		10	U
Potassium	NC	2,500	U	2,500	U	8,200		2,500	U	2,500	U
Selenium	10	25	U	25	U	25	U	25	U	25	U
Silver	50	10	U	10	U	10	U	10	U	10	U
Sodium	20,000	35,000		36,000		**44,000**		**16,000**		**57,000**	
Thallium	0.5	5	U	5	U	5	U	5	U	5	U
Vanadium	NC	25	U	25	U	25	U	25	U	25	U
Zinc	2000	25	U	25	U	25	U	25	U	26	

U - Not detected
NC - No criterion
J - Estimated value

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-05		PW-05		PW-05		PW-05		PW-05	
CMT Sample ID	NYSDEC	PW-05-03		PW-05-04		PW-05-05		PW-05-06		PW-05-07	
CMT screen interval (ft bgs)	Class GA	118.5-120.5		143.5-145.5		168.5-170.5		193.5-195.5		220.5-221.5	
Laboratory ID	Groundwater	AC38771-007		AC38492-002		AC38492-007		AC38492-008		AC38492-006	
Sample Date	Criteria	7/17/08		7/18/08		7/18/08		7/18/08		7/18/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-trichloro-1,2,2-trifluoroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	0.04	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane	5	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	5	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane	NC	50	R	50	R	50	R	50	R	50	R
2-Butanone	NC	1	U	1	U	1	U	1	U	1	U
2-Chloroethylvinylether	NC	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
2-Hexanone	50	1	U	1	UJ	1	UJ	16	J	1	UJ
4-Isopropyltoluene	5	1	U	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	NC	1	U	1	UJ	1	UJ	1	U	1	UJ
Acetone	50	5	UJ	5	UJ	5	UJ	130		94	J
Acrolein	5	5	UJ	5	UJ	5	UJ	5	U	5	UJ
Acrylonitrile	5	1	UJ	1	UJ	1	UJ	1	U	1	UJ
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	50	1	U	1	U	1	U	1	U	1	U
Bromoform	50	1	U	1	U	1	U	1	U	1	U
Bromomethane	5	1	UJ	1	U	1	U	1	U	1	U
Carbon Disulfide	60	1	UJ	1	UJ	1	UJ	1	U	1	U
Carbon Tetrachloride	5	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	1	U	1	U	1	U	1	U	1	U
Chloroform	7	1	U	1	U	1	U	1	U	1	U
Chloromethane	5	1	U	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-05		PW-05		PW-05		PW-05		PW-05	
CMT Sample ID	NYSDEC	PW-05-03		PW-05-04		PW-05-05		PW-05-06		PW-05-07	
CMT screen interval (ft bgs)	Class GA	118.5-120.5		143.5-145.5		168.5-170.5		193.5-195.5		220.5-221.5	
Laboratory ID	Groundwater	AC38771-007		AC38492-002		AC38492-007		AC38492-008		AC38492-006	
Sample Date	Criteria	7/17/08		7/18/08		7/18/08		7/18/08		7/18/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
cis-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Cyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	UJ	1	U	1	U	1	U	1	U
Ethylbenzene	5	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	5	1	U	1	U	1	U	1	U	1	U
m&p-Xylenes	5	2	U	2	U	2	U	2	U	2	U
Methyl Acetate	NC	1	UJ	1	UJ	1	U	1	U	1	UJ
Methylcyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Methylene Chloride	5	1	U	1	U	1	U	1	U	1	U
Methyl-t-butyl ether	10	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
n-Propylbenzene	5	1	U	1	U	1	U	1	U	1	U
o-Xylene	5	1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U	1	U
t-Butyl Alcohol	NC	5	UJ	5	UJ	5	UJ	16		14	J
t-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	5	1	U	1.8		1.2		1	U	1.4	
Toluene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Trichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane	5	1	U	1	U	1	U	1	U	1	U
Vinyl Chloride	2	1	UJ	1	U	1	U	1	U	1	U
TAL Metals											
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.58		0.66	
Aluminum	NC	260		350		1,900		150,000		78,000	
Antimony	3	7.5	U	7.5	U	7.5	U	38	U	38	U
Arsenic	25	5.4		6		5.5		170		280	
Barium	1,000	43		32		63		1600		720	
Beryllium	3	4	U	4	U	4	U	20	U	20	U
Cadmium	5	2	U	2	U	2	U	10	U	10	U
Calcium	NC	11,000		15,000		8,700		35,000		34,000	
Chromium	50	25	U	25	U	25	U	440		400	
Cobalt	NC	10	U	10	U	18		430		300	
Copper	200	25	U	25	U	25	U	810		660	
Iron	300	29,000		22,000		4,800		99,000		230,000	
Lead	25	5	U	5	U	5	U	400		290	
Magnesium	35,000	2,000		1,800		1,300		13,000		9,400	

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-05		PW-05		PW-05		PW-05		PW-05	
CMT Sample ID	NYSDEC	PW-05-03		PW-05-04		PW-05-05		PW-05-06		PW-05-07	
CMT screen interval (ft bgs)	Class GA	118.5-120.5		143.5-145.5		168.5-170.5		193.5-195.5		220.5-221.5	
Laboratory ID	Groundwater	AC38771-007		AC38492-002		AC38492-007		AC38492-008		AC38492-006	
Sample Date	Criteria	7/17/08		7/18/08		7/18/08		7/18/08		7/18/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Manganese	300	1800		3,600		4,800		350		470	
Nickel	100	10	U	10	U	120		490		390	
Potassium	NC	2,500	U	2,500	U	2,500	U	17,000		14,000	
Selenium	10	25	U	25	U	25	U	120	U	120	U
Silver	50	10	U	10	U	10	U	50	U	50	U
Sodium	20,000	**38,000**		**36,000**		**29,000**		**160,000**		**190,000**	
Thallium	0.5	5	U	5	U	5	U	25	U	25	U
Vanadium	NC	25	U	25	U	25	U	640		540	
Zinc	2000	25	U	25	U	27		620		1,100	

U - Not detected
NC - No criterion
J - Estimated value

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-06		PW-06		PW-06		PW-06		PW-06	
CMT Sample ID	NYSDEC	PW-06-01		PW-06-02		PW-06-03		PW-06-04		PW-06-05	
CMT screen interval (ft bgs)	Class GA	70-72		90-92		118-120		150-152		166-168	
Laboratory ID	Groundwater	AC38739-010		AC38739-012		AC38739-011		AC38771-002		AC38771-003	
Sample Date	Criteria	7/16/08		7/16/08		7/16/08		7/17/08		7/17/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1	U	4.2		3.5		1	U	1	U
1,1,2,2-Tetrachloroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-trichloro-1,2,2-trifluoroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	7.2		1.7		1	U	1	U
1,1-Dichloroethene	5	1	U	2.3		1.8		1	U	1	U
1,2,3-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	0.04	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane	5	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	5	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane	NC	50	R	50	R	50	R	50	R	50	R
2-Butanone	NC	1	U	1	U	1	U	64		31	
2-Chloroethylvinylether	NC	1	UJ	1	U	1	UJ	1	UJ	1	UJ
2-Hexanone	50	1	U	1	UJ	1	U	1	UJ	1	UJ
4-Isopropyltoluene	5	1	U	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	NC	1	U	1	U	1	U	1	U	1	U
Acetone	50	5	U	20		5	U	300	J	320	J
Acrolein	5	5	U	5	U	5	U	5	UJ	5	UJ
Acrylonitrile	5	1	U	1	U	1	U	1	UJ	1	UJ
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	50	1	U	1	U	1	U	1	U	1	U
Bromoform	50	1	U	1	U	1	U	1	U	1	U
Bromomethane	5	1	U	1	U	1	U	1	U	1	U
Carbon Disulfide	60	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
Carbon Tetrachloride	5	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	1	U	1	U	1	U	1	U	1	U
Chloroform	7	1	U	1	U	1	U	2.3		1	U
Chloromethane	5	1	U	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-06		PW-06		PW-06		PW-06		PW-06	
CMT Sample ID	NYSDEC	PW-06-01		PW-06-02		PW-06-03		PW-06-04		PW-06-05	
CMT screen interval (ft bgs)	Class GA	70-72		90-92		118-120		150-152		166-168	
Laboratory ID	Groundwater	AC38739-010		AC38739-012		AC38739-011		AC38771-002		AC38771-003	
Sample Date	Criteria	7/16/08		7/16/08		7/16/08		7/17/08		7/17/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
cis-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Cyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	U	1	U	1	U	1	U	1	U
Ethylbenzene	5	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	5	1	U	1	U	1	U	1	U	1	U
m&p-Xylenes	5	2	U	2	U	2	U	2	U	2	U
Methyl Acetate	NC	1	U	1	U	1	U	1	UJ	1	UJ
Methylcyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Methylene Chloride	5	1	U	1	U	1	U	1	U	1	U
Methyl-t-butyl ether	10	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
n-Propylbenzene	5	1	U	1	U	1	U	1	U	1	U
o-Xylene	5	1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U	1	U
t-Butyl Alcohol	NC	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
t-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	5	1	U	1	U	1	U	1	U	1	U
Toluene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Trichloroethene	5	1	U	1	U	2.6		1	U	1	U
Trichlorofluoromethane	5	1	U	1	U	1	U	1	U	1	U
Vinyl Chloride	2	1	U	1	U	1	U	1	U	1	U
TAL Metals											
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Aluminum	NC	740		320		220		2,500		1,000	
Antimony	3	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
Arsenic	25	4	U	5.9		4	U	5.8		5.6	
Barium	1,000	35		36		83		160		150	
Beryllium	3	4	U	4	U	4	U	4	U	4	U
Cadmium	5	2	U	2	U	2	U	2	U	2	U
Calcium	NC	9,500		20,000		15,000		33,000		24,000	
Chromium	50	25	U	42		25	U	160		25	U
Cobalt	NC	10	U	11		10	U	71		49	
Copper	200	25	U	25	U	25	U	25	U	25	U
Iron	300	420		29,000		1,200		110,000		34,000	
Lead	25	5	U	5	U	5	U	5	U	5	U
Magnesium	35,000	1,200		2,700		6,200		8,600		6,900	

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-06		PW-06		PW-06		PW-06		PW-06	
CMT Sample ID	NYSDEC	PW-06-01		PW-06-02		PW-06-03		PW-06-04		PW-06-05	
CMT screen interval (ft bgs)	Class GA	70-72		90-92		118-120		150-152		166-168	
Laboratory ID	Groundwater	AC38739-010		AC38739-012		AC38739-011		AC38771-002		AC38771-003	
Sample Date	Criteria	7/16/08		7/16/08		7/16/08		7/17/08		7/17/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Manganese	300	310		1,800		51		1,500		590	
Nickel	100	10	U	10	U	10	U	91		49	
Potassium	NC	6,000		4,500		2,500	U	10,000		10,000	
Selenium	10	25	U	25	U	25	U	25	U	25	U
Silver	50	10	U	10	U	10	U	10	U	10	U
Sodium	20,000	**23,000**		**86,000**		19,000		**150,000**		**91,000**	
Thallium	0.5	5	U	5	U	5	U	5	U	5	U
Vanadium	NC	25	U	25	U	25	U	25	U	25	U
Zinc	2000	25	U	25	U	25	U	330		200	

U - Not detected
NC - No criterion
J - Estimated value

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-06		PW-06		PW-07		PW-07		PW-07	
CMT Sample ID	NYSDEC	PW-06-06		PW-06-07		PW-07-01		PW-07-02		PW-07-03	
CMT screen interval (ft bgs)	Class GA	180-182		221-222		70-72		95-97		120-122	
Laboratory ID	Groundwater	AC38771-001		AC38771-004		AC38711-003		AC38711-005		AC38711-004	
Sample Date	Criteria	7/17/08		7/17/08		7/14/08		7/15/08		7/14/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1	U	5	U	1	U	2		1	U
1,1,2,2-Tetrachloroethane	5	1	U	5	U	1	U	1	U	1	U
1,1,2-trichloro-1,2,2-trifluoroethane	5	1	U	5	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	5	U	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	5	U	3.1		1.3		1	U
1,1-Dichloroethene	5	1	U	5	U	3.6		1	U	1	U
1,2,3-Trichlorobenzene	5	1	U	5	U	1	U	1	U	1	U
1,2,3-Trichloropropane	5	1	U	5	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	5	1	U	5	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	5	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	0.04	1	U	5	U	1	U	1	U	1	U
1,2-Dibromoethane	5	1	U	5	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	5	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	5	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	1	U	5	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	5	U	1	U	1	U	1	U
1,3-Dichloropropane	5	1	U	5	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	5	U	1	U	1	U	1	U
1,4-Dioxane	NC	50	R	250	R	50	R	50	R	50	R
2-Butanone	NC	42		5	U	1	U	1	U	1	U
2-Chloroethylvinylether	NC	1	UJ	5	UJ	1	UJ	1	UJ	1	UJ
2-Hexanone	50	1	UJ	5	UJ	1	U	1	U	1	U
4-Isopropyltoluene	5	1	U	5	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	NC	1	U	5	U	1	U	1	U	1	U
Acetone	50	360	J	25	UJ	210		5	U	77	
Acrolein	5	5	UJ	25	UJ	5	UJ	5	UJ	5	UJ
Acrylonitrile	5	1	UJ	5	UJ	1	U	1	U	1	U
Benzene	1	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	5	1	U	5	U	1	U	1	U	1	U
Bromodichloromethane	50	1	U	5	U	1	U	1	U	1	U
Bromoform	50	1	U	5	U	1	U	1	U	1	U
Bromomethane	5	1	U	5	U	1	U	1	U	1	U
Carbon Disulfide	60	1	UJ	5	UJ	1	U	1	U	1	U
Carbon Tetrachloride	5	1	U	5	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	5	U	1	U	1	U	1	U
Chloroethane	5	1	U	5	U	1	U	1	U	1	U
Chloroform	7	1	U	5	U	1	U	1	U	1	U
Chloromethane	5	1	U	5	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	5	1	U	5	U	1	U	1	U	1	U

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-06		PW-06		PW-07		PW-07		PW-07	
CMT Sample ID	NYSDEC	PW-06-06		PW-06-07		PW-07-01		PW-07-02		PW-07-03	
CMT screen interval (ft bgs)	Class GA	180-182		221-222		70-72		95-97		120-122	
Laboratory ID	Groundwater	AC38771-001		AC38771-004		AC38711-003		AC38711-005		AC38711-004	
Sample Date	Criteria	7/17/08		7/17/08		7/14/08		7/15/08		7/14/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
cis-1,3-Dichloropropene	0.4	1	U	5	U	1	U	1	U	1	U
Cyclohexane	NC	1	U	5	U	1	U	1	U	1	U
Dibromochloromethane	5	1	U	5	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	U	5	U	1	U	1	U	1	U
Ethylbenzene	5	1	U	5	U	1	U	1	U	1	U
Isopropylbenzene	5	1	U	5	U	1	U	1	U	1	U
m&p-Xylenes	5	2	U	10	U	2	U	2	U	2	U
Methyl Acetate	NC	1	UJ	5	UJ	1	U	1	U	1	U
Methylcyclohexane	NC	1	U	5	U	1	U	1	U	1	U
Methylene Chloride	5	1	U	5	U	1	U	1	U	1	U
Methyl-t-butyl ether	10	1	U	5	U	1	U	1	U	1	U
n-Butylbenzene	5	1	U	5	U	1	U	1	U	1	U
n-Propylbenzene	5	1	U	5	U	1	U	1	U	1	U
o-Xylene	5	1	U	5	U	1	U	1	U	1	U
sec-Butylbenzene	5	1	U	5	U	1	U	1	U	1	U
Styrene	5	1	U	5	U	1	U	1	U	1	U
t-Butyl Alcohol	NC	5	UJ	25	UJ	5	UJ	5	UJ	5	UJ
t-Butylbenzene	5	1	U	5	U	1	U	1	U	1	U
Tetrachloroethene	5	1.1		130		1	U	1	U	1	U
Toluene	5	1	U	5	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	5	1	U	5	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	0.4	1	U	5	U	1	U	1	U	1	U
Trichloroethene	5	1	U	5	U	3.2		1	U	1	U
Trichlorofluoromethane	5	1	U	5	U	1	U	1	U	1	U
Vinyl Chloride	2	1	U	5	U	1	U	1	U	1	U
TAL Metals											
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Aluminum	NC	1,300		1,400		100	U	100	U	100	U
Antimony	3	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
Arsenic	25	9.3		4	U	9		4	U	4	U
Barium	1,000	120		44		86		57		73	
Beryllium	3	4	U	4	U	4	U	4	U	4	U
Cadmium	5	2	U	2	U	2	U	2	U	2	U
Calcium	NC	23,000		12,000		34,000	J	11,000	J	13,000	J
Chromium	50	25	U	25	U	25	U	25	U	25	U
Cobalt	NC	160		15		52		10	U	10	U
Copper	200	25	U	25	U	25	U	25	U	25	U
Iron	300	51,000		6,100		74,000		1,300		1,900	
Lead	25	5	U	5	U	5	U	5	U	5	U
Magnesium	35,000	7,400		3,900		11,000		1,400		3,300	

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-06		PW-06		PW-07		PW-07		PW-07	
CMT Sample ID	NYSDEC	PW-06-06		PW-06-07		PW-07-01		PW-07-02		PW-07-03	
CMT screen interval (ft bgs)	Class GA	180-182		221-222		70-72		95-97		120-122	
Laboratory ID	Groundwater	AC38771-001		AC38771-004		AC38711-003		AC38711-005		AC38711-004	
Sample Date	Criteria	7/17/08		7/17/08		7/14/08		7/15/08		7/14/08	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Manganese	300	710		120		6,600		100		110	
Nickel	100	87		12		10	U	10	U	10	U
Potassium	NC	12,000		2,900		5,900		2,600		2,500	U
Selenium	10	25	U	25	U	25	U	25	U	25	U
Silver	50	10	U	10	U	10	U	10	U	10	U
Sodium	20,000	**65,000**		**38,000**		13,000		25,000		31,000	
Thallium	0.5	5	U	5	U	5	U	5	U	5	U
Vanadium	NC	25	U	25	U	25	U	25	U	25	U
Zinc	2000	470		42		25	U	31		36	

U - Not detected
NC - No criterion
J - Estimated value

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-07		PW-07		PW-07		PW-07	
CMT Sample ID	NYSDEC	PW-07-04		PW-07-05		PW-07-06		PW-07-07	
CMT screen interval (ft bgs)	Class GA	145-147		170-172		197-199		220-221	
Laboratory ID	Groundwater	AC38711-006		AC38711-008		AC38711-007		AC38711-012	
Sample Date	Criteria	7/15/08		7/15/08		7/15/08		7/15/08	
Matrix	water	water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	5	1	U	1	U	1	U	1	U
1,1,2-trichloro-1,2,2-trifluoroethane	5	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	1	U	1	U	1	U
1,1-Dichloroethene	5	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	5	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	5	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	0.04	1	U	1	U	1	U	1	U
1,2-Dibromoethane	5	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U
1,3-Dichloropropane	5	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U
1,4-Dioxane	NC	50	R	50	R	50	R	50	R
2-Butanone	NC	1	U	1	U	1	U	1	U
2-Chloroethylvinylether	NC	1	UJ	1	UJ	1	UJ	1	UJ
2-Hexanone	50	1	U	1	U	1	U	1	U
4-Isopropyltoluene	5	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	NC	1	U	1	U	1	U	1	U
Acetone	50	20		5	U	78		39	
Acrolein	5	5	U	5	UJ	5	UJ	5	UJ
Acrylonitrile	5	1	U	1	U	1	U	1	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	5	1	U	1	U	1	U	1	U
Bromodichloromethane	50	1	U	1	U	1	U	1	U
Bromoform	50	1	U	1	U	1	U	1	U
Bromomethane	5	1	U	1	U	1	U	1	U
Carbon Disulfide	60	1	U	1	U	1	U	1	U
Carbon Tetrachloride	5	1	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U
Chloroethane	5	1	U	1	U	1	U	1	U
Chloroform	7	1	U	1	U	1	U	1	U
Chloromethane	5	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-07		PW-07		PW-07		PW-07	
CMT Sample ID	NYSDEC	PW-07-04		PW-07-05		PW-07-06		PW-07-07	
CMT screen interval (ft bgs)	Class GA	145-147		170-172		197-199		220-221	
Laboratory ID	Groundwater	AC38711-006		AC38711-008		AC38711-007		AC38711-012	
Sample Date	Criteria	7/15/08		7/15/08		7/15/08		7/15/08	
Matrix	water	water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q
cis-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U
Cyclohexane	NC	1	U	1	U	1	U	1	U
Dibromochloromethane	5	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	U	1	U	1	U	1	U
Ethylbenzene	5	1	U	1	U	1	U	1	U
Isopropylbenzene	5	1	U	1	U	1	U	1	U
m&p-Xylenes	5	2	U	2	U	2	U	2	U
Methyl Acetate	NC	1	U	1	U	1	U	1	U
Methylcyclohexane	NC	1	U	1	U	1	U	1	U
Methylene Chloride	5	1	U	1	U	1	U	1	U
Methyl-t-butyl ether	10	3.7		1	U	1	U	1	U
n-Butylbenzene	5	1	U	1	U	1	U	1	U
n-Propylbenzene	5	1	U	1	U	1	U	1	U
o-Xylene	5	1	U	1	U	1	U	1	U
sec-Butylbenzene	5	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U
t-Butyl Alcohol	NC	5	UJ	5	UJ	5	UJ	5	UJ
t-Butylbenzene	5	1	U	1	U	1	U	1	U
Tetrachloroethene	5	1	U	1.5		1	U	1	U
Toluene	5	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U
Trichloroethene	5	1	U	**11**		1	U	1.6	
Trichlorofluoromethane	5	1	U	1	U	1	U	1	U
Vinyl Chloride	2	1	U	1	U	1	U	1	U
TAL Metals									
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U
Aluminum	NC	100	U	100	U	100	U	100	U
Antimony	3	7.5	U	7.5	U	7.5	U	7.5	U
Arsenic	25	4	U	4	U	4	U	4.5	
Barium	1,000	29		30		25	U	25	U
Beryllium	3	4	U	4	U	4	U	4	U
Cadmium	5	2	U	2	U	2	U	2	U
Calcium	NC	6,100	J	11,000	J	4,200	J	5,600	J
Chromium	50	25	U	25	U	25	U	25	U
Cobalt	NC	10	U	10	U	10	U	10	U
Copper	200	25	U	25	U	25	U	25	U
Iron	300	3,300		1,800		3,600		6,100	
Lead	25	5	U	5	U	5	U	5	U
Magnesium	35,000	1,300		3,300		1,200		1,600	

APPENDIX E TABLE 1
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS AND TAL METALS

Sample Location		PW-07		PW-07		PW-07		PW-07	
CMT Sample ID	NYSDEC	PW-07-04		PW-07-05		PW-07-06		PW-07-07	
CMT screen interval (ft bgs)	Class GA	145-147		170-172		197-199		220-221	
Laboratory ID	Groundwater	AC38711-006		AC38711-008		AC38711-007		AC38711-012	
Sample Date	Criteria	7/15/08		7/15/08		7/15/08		7/15/08	
Matrix	water	water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q
Manganese	300	48		25	U	38		34	
Nickel	100	10	U	10	U	10	U	10	U
Potassium	NC	2,500	U	2,500	U	2,500	U	2,500	U
Selenium	10	25	U	25	U	25	U	25	U
Silver	50	10	U	10	U	10	U	10	U
Sodium	20,000	29,000		23,000		50,000		54,000	
Thallium	0.5	5	U	5	U	5	U	5	U
Vanadium	NC	25	U	25	U	25	U	25	U
Zinc	2000	34		25	U	49		180	

U - Not detected
NC - No criterion
J - Estimated value

APPENDIX E TABLE 2
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS and TAL METALS IN MONITORING WELLS

Sample Location		MW-4		MW-5S		MW-5D		MW-6S	
Sample ID	NYSDEC	MW-4		MW-5S		MW-5D		MW-6S	
Screen interval (ft bgs)	Class GA	74 - 84		73 - 83		112 - 122		73 - 83	
Laboratory ID	Groundwater	AC38518-008		AC38518-001		AC38518-009		AC3854-004	
Sample Date	Criteria	7/3/08		7/3/08		7/3/08		7/2/08	
Matrix	water	water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	5	1	U	1	U	1	U	1	U
1,1,2-trichloro-1,2,2-trifluoroethane	5	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	1	U	1	U	1	U
1,1-Dichloroethene	5	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	5	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	5	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	0.04	1	U	1	U	1	U	1	U
1,2-Dibromoethane	5	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U
1,3-Dichloropropane	5	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U
1,4-Dioxane	NC	50	R	50	R	50	R	50	R
2-Butanone	NC	1	U	1	U	1	U	1	U
2-Chloroethylvinylether	NC	1	UJ	1	UJ	1	UJ	1	UJ
2-Hexanone	50	1	U	1	U	1	U	1	U
4-Isopropyltoluene	5	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	NC	1	U	1	U	1	U	1	U
Acetone	50	5	U	5	U	5	U	5	U
Acrolein	5	5	U	5	U	5	U	5	UJ
Acrylonitrile	5	1	U	1	U	1	U	1	UJ
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	5	1	U	1	U	1	U	1	U
Bromodichloromethane	50	1	U	1	U	1	U	1	U
Bromoform	50	1	U	1	U	1	U	1	U
Bromomethane	5	1	U	1	U	1	U	1	U
Carbon Disulfide	60	1	U	1	U	1	U	1	U
Carbon Tetrachloride	5	1	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U
Chloroethane	5	1	UJ	1	UJ	1	UJ	1	U
Chloroform	7	1	U	1	U	1	U	1	U
Chloromethane	5	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U

APPENDIX E TABLE 2
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS and TAL METALS IN MONITORING WELLS

Sample Location		MW-4		MW-5S		MW-5D		MW-6S	
Sample ID	NYSDEC	MW-4		MW-5S		MW-5D		MW-6S	
Screen interval (ft bgs)	Class GA	74 - 84		73 - 83		112 - 122		73 - 83	
Laboratory ID	Groundwater	AC38518-008		AC38518-001		AC38518-009		AC3854-004	
Sample Date	Criteria	7/3/08		7/3/08		7/3/08		7/2/08	
Matrix	water	water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q
cis-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U
Cyclohexane	NC	1	U	1	U	1	U	1	U
Dibromochloromethane	5	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	U	1	U	1	U	1	U
Ethylbenzene	5	1	U	1	U	1	U	1	U
Isopropylbenzene	5	1	U	1	U	1	U	1	U
m&p-Xylenes	5	2	U	2	U	2	U	2	U
Methyl Acetate	NC	1	U	1	U	1	U	1	U
Methylcyclohexane	NC	1	U	1	U	1	U	1	U
Methylene Chloride	5	1	U	1	U	1	U	1	U
Methyl-t-butyl ether	10	1	U	1	U	1	U	1	U
n-Butylbenzene	5	1	U	1	U	1	U	1	U
n-Propylbenzene	5	1	U	1	U	1	U	1	U
o-Xylene	5	1	U	1	U	1	U	1	U
sec-Butylbenzene	5	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U
t-Butyl Alcohol	NC	5	UJ	5	UJ	5	UJ	5	U
t-Butylbenzene	5	1	U	1	U	1	U	1	U
Tetrachloroethene	5	1	U	1	U	1	U	1	U
Toluene	5	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U
Trichloroethene	5	1	U	1	U	1	U	1	U
Trichlorofluoromethane	5	1	U	1	U	1	U	1	U
Vinyl Chloride	2	1	U	1	U	1	U	1	U
TAL Metals									
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U
Aluminum	NC	100	U	100	U	170		100	U
Antimony	3	7.5	U	7.5	U	7.5	U	7.5	U
Arsenic	25	4	U	4	U	4	U	4	U
Barium	1,000	54	J	160	J	83	J	87	J
Beryllium	3	4	U	4	U	4	U	4	U
Cadmium	5	2	U	2	U	6.2		2	U
Calcium	NC	14,000	J	7,200	J	4,600	J	14,000	J
Chromium	50	25	U	140	J	150	J	25	U
Cobalt	NC	10	U	10	U	10	U	10	U
Copper	200	25	U	25	U	25	U	25	U
Iron	300	180	J	660	J	940	J	150	U
Lead	25	5	U	5	U	5	U	5	U
Magnesium	35,000	2,000		1,000	U	1,000	U	2,300	

APPENDIX E TABLE 2
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS and TAL METALS IN MONITORING WELLS

Sample Location		MW-4		MW-5S		MW-5D		MW-6S	
Sample ID	NYSDEC	MW-4		MW-5S		MW-5D		MW-6S	
Screen interval (ft bgs)	Class GA	74 - 84		73 - 83		112 - 122		73 - 83	
Laboratory ID	Groundwater	AC38518-008		AC38518-001		AC38518-009		AC3854-004	
Sample Date	Criteria	7/3/08		7/3/08		7/3/08		7/2/08	
Matrix	water	water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q	conc	Q
Manganese	300	25	U	25	U	25	U	25	U
Nickel	100	12		10	U	29		10	U
Potassium	NC	2,500	U	3,800	J	2,700		2,600	
Selenium	10	25	U	25	U	25	U	25	U
Silver	50	10	U	10	U	10	U	10	U
Sodium	20,000	21,000		6,400	J	43,000		13,000	J
Thallium	0.5	5	U	5	U	5	U	5	U
Vanadium	NC	25	U	25	U	25	U	25	U
Zinc	2,000	25	U	25	U	25	U	25	U

U - Not detected
NC - No criterion
J - Estimated value

APPENDIX E TABLE 2
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS and TAL METALS IN MONITORING WELLS

Sample Location		MW-6D		MW-7S		MW-7D	
Sample ID	NYSDEC	MW-6D		MW-7S		MW-7D	
Screen interval (ft bgs)	Class GA	112 - 122		71 - 81		112 - 122	
Laboratory ID	Groundwater	AC3854-003		AC38518-005		AC38518-006	
Sample Date	Criteria	7/2/08		7/3/08		7/3/08	
Matrix	water	water		water		water	
Units	µg/L	µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q
Volatile Organic Compounds							
1,1,1-Trichloroethane	5	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	5	1	U	1	U	1	U
1,1,2-trichloro-1,2,2-trifluoroethane	5	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	1	U	1	U
1,1-Dichloroethene	5	1	U	1	U	1	U
1,2,3-Trichlorobenzene	5	1	U	1	U	1	U
1,2,3-Trichloropropane	5	1	U	1	U	1	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	0.04	1	U	1	U	1	U
1,2-Dibromoethane	5	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U
1,3-Dichloropropane	5	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U
1,4-Dioxane	NC	50	R	50	R	50	R
2-Butanone	NC	1	U	1	U	1	U
2-Chloroethylvinylether	NC	1	UJ	1	UJ	1	UJ
2-Hexanone	50	1	U	1	U	1	U
4-Isopropyltoluene	5	1	U	1	U	1	U
4-Methyl-2-Pentanone	NC	1	U	1	U	1	U
Acetone	50	5	U	19		5	U
Acrolein	5	5	U	5	UJ	5	UJ
Acrylonitrile	5	1	U	1	U	1	U
Benzene	1	0.5	U	0.5	U	0.5	U
Bromochloromethane	5	1	U	1	U	1	U
Bromodichloromethane	50	1	U	1	U	1	U
Bromoform	50	1	U	1	U	1	U
Bromomethane	5	1	U	1	U	1	U
Carbon Disulfide	60	1	U	1	U	1	U
Carbon Tetrachloride	5	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U
Chloroethane	5	1	U	1	U	1	U
Chloroform	7	1	U	2.8		1	U
Chloromethane	5	1	U	1	U	1	U
cis-1,2-Dichloroethene	5	1	U	1	U	1	U

APPENDIX E TABLE 2
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS and TAL METALS IN MONITORING WELLS

Sample Location		MW-6D		MW-7S		MW-7D	
Sample ID	NYSDEC	MW-6D		MW-7S		MW-7D	
Screen interval (ft bgs)	Class GA	112 - 122		71 - 81		112 - 122	
Laboratory ID	Groundwater	AC3854-003		AC38518-005		AC38518-006	
Sample Date	Criteria	7/2/08		7/3/08		7/3/08	
Matrix	water	water		water		water	
Units	µg/L	µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q
cis-1,3-Dichloropropene	0.4	1	U	1	U	1	U
Cyclohexane	NC	1	U	1	U	1	U
Dibromochloromethane	5	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	U	1	U	1	U
Ethylbenzene	5	1	U	1	U	1	U
Isopropylbenzene	5	1	U	1	U	1	U
m&p-Xylenes	5	2	U	2	U	2	U
Methyl Acetate	NC	1	U	1	U	1	U
Methylcyclohexane	NC	1	U	1	U	1	U
Methylene Chloride	5	1	U	1	U	1	U
Methyl-t-butyl ether	10	1	U	1	U	1	U
n-Butylbenzene	5	1	U	1	U	1	U
n-Propylbenzene	5	1	U	1	U	1	U
o-Xylene	5	1	U	1	U	1	U
sec-Butylbenzene	5	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U
t-Butyl Alcohol	NC	5	U	5	UJ	5	U
t-Butylbenzene	5	1	U	1	U	1	U
Tetrachloroethene	5	1	U	1	U	1	U
Toluene	5	1	U	8.1		1	U
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U
Trans-1,3-Dichloropropene	0.4	1	U	1	U	1	U
Trichloroethene	5	1	U	1	U	1	U
Trichlorofluoromethane	5	1	U	1	U	1	U
Vinyl Chloride	2	1	U	1	U	1	U
TAL Metals							
Mercury	0.7	0.2	U	0.2	U	0.2	U
Aluminum	NC	270		250		100	U
Antimony	3	7.5	U	7.5	U	7.5	U
Arsenic	25	4	U	4	U	4	U
Barium	1,000	31	J	46	J	110	J
Beryllium	3	4	U	4	U	4	U
Cadmium	5	17		2	U	2	U
Calcium	NC	11,000	J	14,000	J	7,600	J
Chromium	50	91	J	25	U	220	J
Cobalt	NC	10	U	10	U	11	
Copper	200	25	U	25	U	25	U
Iron	300	640	J	4,300	J	1,300	J
Lead	25	5	U	5	U	5	U
Magnesium	35,000	1,400		1,300		1,200	

APPENDIX E TABLE 2
ANCHOR LITH KEM KO SITE (#1-30-021)
JULY 2008 GROUNDWATER SAMPLING EVENT
VOLATILE ORGANIC COMPOUNDS and TAL METALS IN MONITORING WELLS

Sample Location		MW-6D		MW-7S		MW-7D	
Sample ID	NYSDEC	MW-6D		MW-7S		MW-7D	
Screen interval (ft bgs)	Class GA	112 - 122		71 - 81		112 - 122	
Laboratory ID	Groundwater	AC3854-003		AC38518-005		AC38518-006	
Sample Date	Criteria	7/2/08		7/3/08		7/3/08	
Matrix	water	water		water		water	
Units	µg/L	µg/L		µg/L		µg/L	
		conc	Q	conc	Q	conc	Q
Manganese	300	25	U	32		81	
Nickel	100	16		10	U	57	
Potassium	NC	2,500		3,100		2,500	U
Selenium	10	25	U	25	U	25	U
Silver	50	10	U	10	U	10	U
Sodium	20,000	14,000	J	21,000		41,000	
Thallium	0.5	5	U	5	U	5	U
Vanadium	NC	25	U	25	U	25	U
Zinc	2,000	28		240		25	U

U - Not detected
NC - No criterion
J - Estimated value

Analytical Assurance Associates, Inc.
600 Rock Raymond Road
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ORGANIC & INORGANIC DATA VALIDATION REPORT

EARTH TECH
ANCHOR LITH KEM KO PROJECT

ANALYZED BY
HAMPTON-CLARKE VERITECH LABORATORY
LABORATORY CASE No.: 8070306

REVIEWED BY:
Analytical Assurance Associates (A^3)
600 Rock Raymond Road
Downingtown, PA 19335

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38518
CASE NO.: 8070306

INTRODUCTION

This quality assurance review is based upon a review of all data generated from seven groundwater samples including one field duplicate and one trip blank, collected on July 1 and 2, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 3, 2008 and analyzed for specific volatile organic compounds (VOCs) using EPA Method 624 following the criteria set forth in NYSDEC Category B.

The following samples are evaluated and included in this package review.

MW-5S	**TB070108**
MW-55S	**MW-4**
MW-7S	**MW-5D**
MW-7D	

MS/MSD analysis was performed on sample MW-5S from this batch.

The reported analytical data for the above samples were evaluated in accordance with the following parameters and summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations
- Blanks
- Surrogate Recoveries
- Internal Standards Recovery
- Matrix Spike/Spike Duplicate/Blank Spike Analyses
- Instrument Performance
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The reported data was summarized on the similar CLP forms and is considered acceptable.

The narrower ranges for percent abundance ratios in tune analysis were reported by the laboratory for ions 50, 174, and 175. The data was not impacted since the reported abundance ratios were within the method recommended limits.

The laboratory did not calculate the %Ds in continuing calibrations in accordance with the applied method. Consequently, some %Ds were above 25%. The %Ds were recalculated by the data reviewer and reported accordingly.

Data package assembly was incorrect. The raw data section was included in the package prior to the standard calibration data.

HOLDING TIME

Samples were analyzed within 10 days of VTSR. All samples were preserved at pH< 2.

A daily tune analysis was performed by the laboratory. Consequently the 12-hour tune analysis was exceeded for all samples except samples MW-55S and MW-7D. Samples were analyzed from 6 minutes to 3:17 hours beyond 12-hour tune analysis, the frequency required by the CLP VOC SOW and also by SW-846 Method 8260B. However, these samples were analyzed using EPA Method 624, which only requires a tune "at the beginning of each day that analyses are to be performed." As the tune frequency was consistent with the requirements of the method, sample data were accepted, since all other criteria met the requirements for the tune analysis.

CALIBRATION

All %RSDs were within the control limits. The "recalculated" %Ds were above 25% in the following continuing calibrations:

Compound	**CC 7-07-08 @ 7:45**	**CC 7-09-08 @ 8:34**	**CC 7-09-08 @ 6:54**
Acrolein		26.2	29.2
Chloroethane	33		
t-Butyl alcohol	37.7		26.9
Samples AC38518-	001	004	005
	007	006	
	008		
	009		

The reported sample results and non-detected values were qualified estimated (J and UJ).

The response factors for acrolein (0.042, 0.042, and 0.042), t-butyl alcohol (0.038), and 1,4-dioxane (0.007, 0.007, 0.007, and 0.009) were below data validation requirement of 0.05 in initial and continuing calibrations. These compounds are not considered as TCL compounds and they are known as low response factor compounds. Sample data was not qualified for acrolein and t-butyl alcohol since their Rfs were above "0.01" control limits recommended by the method. However, the reported results and non-detected values for 1,4-dioxane were qualified in accordance with the Region II guidelines.

1,4-Dioxane was not detected in the samples. The reported non-detected values were contractually rejected "R".

BLANKS

The laboratory method blanks and trip blank were free of target compounds. A storage blank was not analyzed with this batch.

SURROGATE RECOVERIES

Samples were spiked with four surrogate compounds prior to analysis. The recoveries were within the control limits.

MATRIX SPIKE/SPIKE DUPLICATE ANALYSIS

Matrix spike/spike duplicate analysis was performed on sample MW-5S from this batch and sample AC38547-002 from an alternate batch. The recoveries and RPDs were with in the control limits with the exception of recoveries for 2-chloroethylvinylether (0.0%) in both sets of MS/MSD samples. The laboratory case narrative indicated that this compound readily decomposes under acidic condition. This compound was not detected in the samples. Therefore, the non-detected values were qualified estimated "UJ" since the recoveries were within the control limits in the blank spike samples. The matrix interference is expected.

Three blank spike samples were analyzed. The recoveries were within the control limits.

INTERNAL STANDARD

The recoveries and retention times were within the control limits.

FIELD DUPLICATE

Field duplicate analysis was performed on the duplicate sample pair MW-5S/MW-55S. Target compounds were not detected in these two samples.

SAMPLE RESULTS

All samples were analyzed at one-fold dilutions. Sample data were accepted with the applied qualifier codes.

SUMMARY

The cooler temperature (3.7°C) was reported and considered acceptable.

Up to 31 compounds were listed in the applied analysis method "EPA Test Method 624". However, 65 target compounds were reported in each sample. Please note that the analysis of some specific compounds such as acrolein and acrylonitrile were not recommended by this method.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for evaluating organic analyses. The USEPA Region II Data Validation SOP # HW-6 Revision 14 (September 2006), modified as needed for the specific requirements the analytical used by the laboratory (EPA Method 624), was utilized to review the data completeness and data quality. The analysis problems encountered to the sample analysis were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

INORGANIC ANALYSIS

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38518
CASE NO.: 8070306

INTRODUCTION

This quality assurance review is based upon a review of all data generated from six ground water samples including one set of field duplicate, collected on July 1 and 2, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 3, 2008 and analyzed for ICP metals and mercury according to the EPA Methods 200.7 and 245.1 respectively.

The following samples are evaluated and included in this package review.

MW-5S	**MW-7D**
MW-55S	**MW-4**
MW-7S	**MW-5D**

MS and MD analyses were performed on sample MW-5S from this batch.

The sample analysis data were reviewed in accordance with the following parameters and all problems encountered during the analysis were summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations & CRDL Analyses
- Blanks
- ICP Interference Check Sample
- Matrix Spike Analysis
- Matrix Duplicate Analysis
- Laboratory Control Sample Analysis
- ICP Serial Dilution Analysis
- Instrument Detection Limits
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The IDLs and MDLs were not included in the data package. The laboratory was contacted. The tabulated IDLs and MDLs were submitted by the laboratory. The IDLs and MDLs for potassium, sodium, and mercury were not listed on the resubmission. The laboratory stated that this form is not required for the applied method.

The serial dilution outliers were not qualified with an "E" qualifier code. The laboratory stated that this code is applied solely to the CLP Method analysis.

The %Ds in the serial dilution sample was not calculated as recommended by the CLP Method. The %Ds was calculated for all detected and non-detected results reported on the raw data. Consequently, many %Ds were reported above 10%. The reporting format did not follow the CLP and the review of the data was very time consuming.

HOLDING TIME

Samples were digested and analyzed within the holding time requirements established in the corresponding methods.

CALIBRATIONS & CRDL ANALYSES

The recoveries were within the control limits in initial and continuing calibrations analyzed prior and after sample analysis for all metals. The CRDL sample analysis was not performed for ICP metals.

BLANKS

The preparation blanks, ICBs, and CCBs were free of target analytes at levels above the CRDLs.

ICP INTERFERENCE CHECK SAMPLE

The recoveries for ICSA and ICSB were within the control limit of 80-120% for ICP metals.

MATRIX SPIKE ANALYSIS

Matrix spike analysis was performed on sample MW-5S. The recoveries were within 75-125% control limits.

MATRIX DUPLICATE ANALYSIS

Matrix duplicate analysis was performed on the above sample. The RPDs were within the control limits for ground water samples.

LABORATORY CONTROL SAMPLE

The recoveries were within the control limits in this analysis.

SERIAL DILUTION

This quality control sample was analyzed on sample MW-5S for ICP metals. The %Differences were above 10% for Ba (14%), Ca (13%), Cr (14%), Fe (11%), and Zn (181%). The positive results for these outliers with the exception of zinc were qualified estimated. Sample data for zinc accepted unqualified since the reported results in serial dilution samples were below 50 times the corresponding MDL.

FIELD DUPLICATE ANALYSIS

Field duplicate was analyzed on sample MW-5S and MW-55S. The RPDs were listed on Table I (attached). The reproducibility is satisfactory.

SUMMARY

The cooler temperature (3.7 °C) was within the acceptable limits. The reported sample data was considered acceptable.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating TAL metals. The USEPA Region II Data Validation SOP # HW-2, Revision 13 (September 2006) was utilized to review the data completeness and data quality. The analysis problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

Table I
Field Duplicate Precision
Laboratory Project No.: 8070306

Analyte	Field Sample MW-5S	Field Dup MW-55S	RPD
Aluminum			
Antimony			
Arsenic			
Barium	160	140	13
Beryllium			
Cadmium			
Calcium	7200	6600	9
Chromium	140	120	15
Cobalt			
Copper			
Iron	660	610	8
Lead			
Magnesium			
Manganese			
Mercury			
Nickel			
Potassium	3800	3700	3
Selenium			
Silver			
Sodium	6400	6100	5
Thallium			
Vanadium			
Zinc			

The reproducibility is satisfactory.

1. **Appendix A- Glossary of Data Qualifier**
2. **Appendix B- Laboratory Form I, & Applied Qualifier Codes**
3. **Appendix C- Resubmission (if applicable)**

Appendix A
Glossary of Data Qualifiers

GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

U = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS. [Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]

R = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.

N = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICCATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

J = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.

UJ = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

Q = NO ANALYTICAL RESULT.

Appendix B
Laboratory Form I and Applied Qualifier Codes

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38518-001
Client Id: MW-5S
Data File: 8M29294.D
Analysis Date: 07/07/08 19:41
Date Rec/Extracted: 07/03/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc		Cas #	Compound	RL	Conc	
71-55-6	1,1,1-Trichloroethane	1.0	U		75-15-0	Carbon Disulfide	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		56-23-5	Carbon Tetrachloride	1.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U		108-90-7	Chlorobenzene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U		75-00-3	Chloroethane	1.0	U	UJ
75-34-3	1,1-Dichloroethane	1.0	U		67-66-3	Chloroform	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U		74-87-3	Chloromethane	1.0	U	
87-61-6	1,2,3-Trichlorobenzene	1.0	U		156-59-2	cis-1,2-Dichloroethene	1.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U		10061-01-5	cis-1,3-Dichloropropene	1.0	U	
120-82-1	1,2,4-Trichlorobenzene	1.0	U		110-82-7	Cyclohexane	1.0	U	
95-63-6	1,2,4-Trimethylbenzene	1.0	U		124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U		75-71-8	Dichlorodifluoromethane	1.0	U	
106-93-4	1,2-Dibromoethane	1.0	U		100-41-4	Ethylbenzene	1.0	U	
95-50-1	1,2-Dichlorobenzene	1.0	U		98-82-8	Isopropylbenzene	1.0	U	
107-06-2	1,2-Dichloroethane	0.50	U		1330-20-7	m&p-Xylenes	2.0	U	
78-87-5	1,2-Dichloropropane	1.0	U		79-20-9	Methyl Acetate	1.0	U	
108-67-8	1,3,5-Trimethylbenzene	1.0	U		108-87-2	Methylcyclohexane	1.0	U	
541-73-1	1,3-Dichlorobenzene	1.0	U		75-09-2	Methylene Chloride	1.0	U	
142-28-9	1,3-Dichloropropane	1.0	U		1634-04-4	Methyl-t-butyl ether	1.0	U	
106-46-7	1,4-Dichlorobenzene	1.0	U		104-51-8	n-Butylbenzene	1.0	U	
123-91-1	1,4-Dioxane	50	U	R	103-65-1	n-Propylbenzene	1.0	U	
78-93-3	2-Butanone	1.0	U		95-47-6	o-Xylene	1.0	U	
110-75-8	2-Chloroethylvinylether	1.0	U	UJ	135-98-8	sec-Butylbenzene	1.0	U	
591-78-6	2-Hexanone	1.0	U		100-42-5	Styrene	1.0	U	
99-87-6	4-Isopropyltoluene	1.0	U		75-65-0	t-Butyl Alcohol	5.0	U	UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U		98-06-6	t-Butylbenzene	1.0	U	
67-64-1	Acetone	5.0	U		127-18-4	Tetrachloroethene	1.0	U	
107-02-8	Acrolein	5.0	U		108-88-3	Toluene	1.0	U	
107-13-1	Acrylonitrile	1.0	U		156-60-5	trans-1,2-Dichloroethene	1.0	U	
71-43-2	Benzene	0.50	U		10061-02-6	trans-1,3-Dichloropropene	1.0	U	
74-97-5	Bromochloromethane	1.0	U		79-01-6	Trichloroethene	1.0	U	
75-27-4	Bromodichloromethane	1.0	U		75-69-4	Trichlorofluoromethane	1.0	U	
75-25-2	Bromoform	1.0	U		75-01-4	Vinyl Chloride	1.0	U	
74-83-9	Bromomethane	1.0	U						

Worksheet #: 87811

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38518-004
Client Id: MW-55 S
Data File: 8M29330.D
Analysis Date: 07/08/08 12:05
Date Rec/Extracted: 07/03/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc		Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U		75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U		108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U		75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U		67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U		74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U		156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U		10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U		110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U		124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U		75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U		100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U		98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U		1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U		79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U		108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U		75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U		1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U		104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R		103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U		95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ		135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U		100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U		75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U		98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U		127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U UJ		108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U		156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U		10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U		79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U		75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U		75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U					

Worksheet #: 87811

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38518-005
Client Id: MW-7S
Data File: 3M50573.D
Analysis Date: 07/09/08 20:55
Date Rec/Extracted: 07/03/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc		Cas #	Compound	RL	Conc	
71-55-6	1,1,1-Trichloroethane	1.0	U		75-15-0	Carbon Disulfide	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		56-23-5	Carbon Tetrachloride	1.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U		108-90-7	Chlorobenzene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U		75-00-3	Chloroethane	1.0	U	
75-34-3	1,1-Dichloroethane	1.0	U		**67-66-3**	**Chloroform**	**1.0**	**2.8**	
75-35-4	1,1-Dichloroethene	1.0	U		74-87-3	Chloromethane	1.0	U	
87-61-6	1,2,3-Trichlorobenzene	1.0	U		156-59-2	cis-1,2-Dichloroethene	1.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U		10061-01-5	cis-1,3-Dichloropropene	1.0	U	
120-82-1	1,2,4-Trichlorobenzene	1.0	U		110-82-7	Cyclohexane	1.0	U	
95-63-6	1,2,4-Trimethylbenzene	1.0	U		124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U		75-71-8	Dichlorodifluoromethane	1.0	U	
106-93-4	1,2-Dibromoethane	1.0	U		100-41-4	Ethylbenzene	1.0	U	
95-50-1	1,2-Dichlorobenzene	1.0	U		98-82-8	Isopropylbenzene	1.0	U	
107-06-2	1,2-Dichloroethane	0.50	U		1330-20-7	m&p-Xylenes	2.0	U	
78-87-5	1,2-Dichloropropane	1.0	U		79-20-9	Methyl Acetate	1.0	U	
108-67-8	1,3,5-Trimethylbenzene	1.0	U		108-87-2	Methylcyclohexane	1.0	U	
541-73-1	1,3-Dichlorobenzene	1.0	U		75-09-2	Methylene Chloride	1.0	U	
142-28-9	1,3-Dichloropropane	1.0	U		1634-04-4	Methyl-t-butyl ether	1.0	U	
106-46-7	1,4-Dichlorobenzene	1.0	U		104-51-8	n-Butylbenzene	1.0	U	
123-91-1	1,4-Dioxane	50	U	R	103-65-1	n-Propylbenzene	1.0	U	
78-93-3	2-Butanone	1.0	U		95-47-6	o-Xylene	1.0	U	
110-75-8	2-Chloroethylvinylether	1.0	U	UJ	135-98-8	sec-Butylbenzene	1.0	U	
591-78-6	2-Hexanone	1.0	U		100-42-5	Styrene	1.0	U	
99-87-6	4-Isopropyltoluene	1.0	U		75-65-0	t-Butyl Alcohol	5.0	U	UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U		98-06-6	t-Butylbenzene	1.0	U	
67-64-1	**Acetone**	**5.0**	**19**		127-18-4	Tetrachloroethene	1.0	U	
107-02-8	Acrolein	5.0	U	UJ	**108-88-3**	**Toluene**	**1.0**	**8.1**	
107-13-1	Acrylonitrile	1.0	U		156-60-5	trans-1,2-Dichloroethene	1.0	U	
71-43-2	Benzene	0.50	U		10061-02-6	trans-1,3-Dichloropropene	1.0	U	
74-97-5	Bromochloromethane	1.0	U		79-01-6	Trichloroethene	1.0	U	
75-27-4	Bromodichloromethane	1.0	U		75-69-4	Trichlorofluoromethane	1.0	U	
75-25-2	Bromoform	1.0	U		75-01-4	Vinyl Chloride	1.0	U	
74-83-9	Bromomethane	1.0	U						

Worksheet #: 87811

Total Target Concentration 29.9

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38518-006
Client Id: MW-7D
Data File: 8M29332.D
Analysis Date: 07/08/08 12:40
Date Rec/Extracted: 07/03/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 87811

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38518-007
Client Id: TB070108
Data File: 8M29291.D
Analysis Date: 07/07/08 18:49
Date Rec/Extracted: 07/03/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc		Cas #	Compound	RL	Conc	
71-55-6	1,1,1-Trichloroethane	1.0	U		75-15-0	Carbon Disulfide	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		56-23-5	Carbon Tetrachloride	1.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U		108-90-7	Chlorobenzene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U		75-00-3	Chloroethane	1.0	U	UJ
75-34-3	1,1-Dichloroethane	1.0	U		67-66-3	Chloroform	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U		74-87-3	Chloromethane	1.0	U	
87-61-6	1,2,3-Trichlorobenzene	1.0	U		156-59-2	cis-1,2-Dichloroethene	1.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U		10061-01-5	cis-1,3-Dichloropropene	1.0	U	
120-82-1	1,2,4-Trichlorobenzene	1.0	U		110-82-7	Cyclohexane	1.0	U	
95-63-6	1,2,4-Trimethylbenzene	1.0	U		124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U		75-71-8	Dichlorodifluoromethane	1.0	U	
106-93-4	1,2-Dibromoethane	1.0	U		100-41-4	Ethylbenzene	1.0	U	
95-50-1	1,2-Dichlorobenzene	1.0	U		98-82-8	Isopropylbenzene	1.0	U	
107-06-2	1,2-Dichloroethane	0.50	U		1330-20-7	m&p-Xylenes	2.0	U	
78-87-5	1,2-Dichloropropane	1.0	U		79-20-9	Methyl Acetate	1.0	U	
108-67-8	1,3,5-Trimethylbenzene	1.0	U		108-87-2	Methylcyclohexane	1.0	U	
541-73-1	1,3-Dichlorobenzene	1.0	U		75-09-2	Methylene Chloride	1.0	U	
142-28-9	1,3-Dichloropropane	1.0	U		1634-04-4	Methyl-t-butyl ether	1.0	U	
106-46-7	1,4-Dichlorobenzene	1.0	U		104-51-8	n-Butylbenzene	1.0	U	
123-91-1	1,4-Dioxane	50	U	R	103-65-1	n-Propylbenzene	1.0	U	
78-93-3	2-Butanone	1.0	U		95-47-6	o-Xylene	1.0	U	
110-75-8	2-Chloroethylvinylether	1.0	U	UJ	135-98-8	sec-Butylbenzene	1.0	U	
591-78-6	2-Hexanone	1.0	U		100-42-5	Styrene	1.0	U	
99-87-6	4-Isopropyltoluene	1.0	U		75-65-0	t-Butyl Alcohol	5.0	U	UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U		98-06-6	t-Butylbenzene	1.0	U	
67-64-1	Acetone	5.0	U		127-18-4	Tetrachloroethene	1.0	U	
107-02-8	Acrolein	5.0	U		108-88-3	Toluene	1.0	U	
107-13-1	Acrylonitrile	1.0	U		156-60-5	trans-1,2-Dichloroethene	1.0	U	
71-43-2	Benzene	0.50	U		10061-02-6	trans-1,3-Dichloropropene	1.0	U	
74-97-5	Bromochloromethane	1.0	U		79-01-6	Trichloroethene	1.0	U	
75-27-4	Bromodichloromethane	1.0	U		75-69-4	Trichlorofluoromethane	1.0	U	
75-25-2	Bromoform	1.0	U		75-01-4	Vinyl Chloride	1.0	U	
74-83-9	Bromomethane	1.0	U						

Worksheet #: 87811

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38518-008
Client Id: MW-4
Data File: 8M29301.D
Analysis Date: 07/07/08 21:43
Date Rec/Extracted: 07/03/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc		Cas #	Compound	RL	Conc	
71-55-6	1,1,1-Trichloroethane	1.0	U		75-15-0	Carbon Disulfide	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		56-23-5	Carbon Tetrachloride	1.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U		108-90-7	Chlorobenzene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U		75-00-3	Chloroethane	1.0	U	UJ
75-34-3	1,1-Dichloroethane	1.0	U		67-66-3	Chloroform	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U		74-87-3	Chloromethane	1.0	U	
87-61-6	1,2,3-Trichlorobenzene	1.0	U		156-59-2	cis-1,2-Dichloroethene	1.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U		10061-01-5	cis-1,3-Dichloropropene	1.0	U	
120-82-1	1,2,4-Trichlorobenzene	1.0	U		110-82-7	Cyclohexane	1.0	U	
95-63-6	1,2,4-Trimethylbenzene	1.0	U		124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U		75-71-8	Dichlorodifluoromethane	1.0	U	
106-93-4	1,2-Dibromoethane	1.0	U		100-41-4	Ethylbenzene	1.0	U	
95-50-1	1,2-Dichlorobenzene	1.0	U		98-82-8	Isopropylbenzene	1.0	U	
107-06-2	1,2-Dichloroethane	0.50	U		1330-20-7	m&p-Xylenes	2.0	U	
78-87-5	1,2-Dichloropropane	1.0	U		79-20-9	Methyl Acetate	1.0	U	
108-67-8	1,3,5-Trimethylbenzene	1.0	U		108-87-2	Methylcyclohexane	1.0	U	
541-73-1	1,3-Dichlorobenzene	1.0	U		75-09-2	Methylene Chloride	1.0	U	
142-28-9	1,3-Dichloropropane	1.0	U		1634-04-4	Methyl-t-butyl ether	1.0	U	
106-46-7	1,4-Dichlorobenzene	1.0	U		104-51-8	n-Butylbenzene	1.0	U	
123-91-1	1,4-Dioxane	50	U	R	103-65-1	n-Propylbenzene	1.0	U	
78-93-3	2-Butanone	1.0	U		95-47-6	o-Xylene	1.0	U	
110-75-8	2-Chloroethylvinylether	1.0	U	UJ	135-98-8	sec-Butylbenzene	1.0	U	
591-78-6	2-Hexanone	1.0	U		100-42-5	Styrene	1.0	U	
99-87-6	4-Isopropyltoluene	1.0	U		75-65-0	t-Butyl Alcohol	5.0	U	UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U		98-06-6	t-Butylbenzene	1.0	U	
67-64-1	Acetone	5.0	U		127-18-4	Tetrachloroethene	1.0	U	
107-02-8	Acrolein	5.0	U		108-88-3	Toluene	1.0	U	
107-13-1	Acrylonitrile	1.0	U		156-60-5	trans-1,2-Dichloroethene	1.0	U	
71-43-2	Benzene	0.50	U		10061-02-6	trans-1,3-Dichloropropene	1.0	U	
74-97-5	Bromochloromethane	1.0	U		79-01-6	Trichloroethene	1.0	U	
75-27-4	Bromodichloromethane	1.0	U		75-69-4	Trichlorofluoromethane	1.0	U	
75-25-2	Bromoform	1.0	U		75-01-4	Vinyl Chloride	1.0	U	
74-83-9	Bromomethane	1.0	U						

Worksheet #: 87811

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38518-009
Client Id: MW-5D
Data File: 8M29302.D
Analysis Date: 07/07/08 22:00
Date Rec/Extracted: 07/03/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U UJ
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 87811

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38518-001	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-5S	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/3/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/16/08	9254	A9254G2	14	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7440-39-3	Barium	25	160]	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7440-70-2	Calcium	1000	7200]	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7440-47-3	Chromium	25	140]	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7439-89-6	Iron	150	660]	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7439-95-4	Magnesium	1000	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7439-96-5	Manganese	25	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/17/08	9254	H9254A	14	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7440-09-7	Potassium	2500	3800	.5	07/14/08	9254	A9254P2	13	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7440-23-5	Sodium	2500	6400	.5	07/14/08	9254	A9254P2	13	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2
7440-66-6	Zinc	25	ND	.5	07/14/08	9254	A9254D2	14	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38518-004	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-55 S	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/3/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/16/08	9254	A9254G2	22	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7440-39-3	Barium	25	140 J	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7440-70-2	Calcium	1000	6600 J	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7440-47-3	Chromium	25	120 J	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7439-89-6	Iron	150	610 J	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7439-95-4	Magnesium	1000	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7439-96-5	Manganese	25	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/17/08	9254	H9254A	18	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7440-09-7	Potassium	2500	3700	.5	07/14/08	9254	A9254P2	21	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7440-23-5	Sodium	2500	6100	.5	07/14/08	9254	A9254P2	21	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2
7440-66-6	Zinc	25	ND	.5	07/14/08	9254	A9254D2	22	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38518-005	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-7S	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/3/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	250	.5	07/16/08	9254	A9254G2	23	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7440-39-3	Barium	25	46 J	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7440-70-2	Calcium	1000	14000 J	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7439-89-6	Iron	150	4300 J	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7439-95-4	Magnesium	1000	1300	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7439-96-5	Manganese	25	32	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/17/08	9254	H9254A	19	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7440-09-7	Potassium	2500	3100	.5	07/14/08	9254	A9254P2	22	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7440-23-5	Sodium	2500	21000	.5	07/14/08	9254	A9254P2	22	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/14/08	9254	A9254D2	23	P	PEICP2
7440-66-6	Zinc	25	240	.5	07/14/08	9254	A9254D2	23	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38518-006	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-7D	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/3/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc.	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/16/08	9254	A9254G2	24	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7440-39-3	Barium	25	110 J	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7440-70-2	Calcium	1000	7600 J	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7440-47-3	Chromium	25	220 J	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7440-48-4	Cobalt	10	11	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7439-89-6	Iron	150	1300 J	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7439-95-4	Magnesium	1000	1200	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7439-96-5	Manganese	25	81	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/17/08	9254	H9254A	20	CV	HGCV2
7440-02-0	Nickel	10	57	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/14/08	9254	A9254P2	23	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7440-23-5	Sodium	2500	41000	.5	07/14/08	9254	A9254P2	23	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/14/08	9254	A9254D2	24	P	PEICP2
7440-66-6	Zinc	25	ND	.5	07/14/08	9254	A9254D2	24	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38518-008	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-4	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/3/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/16/08	9254	A9254G2	25	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7440-39-3	Barium	25	54 J	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7440-70-2	Calcium	1000	14000 J	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7439-89-6	Iron	150	180 J	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7439-95-4	Magnesium	1000	2000	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7439-96-5	Manganese	25	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/17/08	9254	H9254A	23	CV	HGCV2
7440-02-0	Nickel	10	12	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/14/08	9254	A9254P2	24	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7440-23-5	Sodium	2500	21000	.5	07/14/08	9254	A9254P2	24	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2
7440-66-6	Zinc	25	ND	.5	07/14/08	9254	A9254D2	25	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38518-009	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-5D	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/3/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	170	.5	07/16/08	9254	A9254G2	26	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7440-39-3	Barium	25	83 J	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7440-43-9	Cadmium	2.0	6.2	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7440-70-2	Calcium	1000	4600 J	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7440-47-3	Chromium	25	150 J	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7439-89-6	Iron	150	940 J	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7439-95-4	Magnesium	1000	ND	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7439-96-5	Manganese	25	ND	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/17/08	9254	H9254A	24	CV	HGCV2
7440-02-0	Nickel	10	29	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7440-09-7	Potassium	2500	2700	.5	07/14/08	9254	A9254P2	25	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7440-23-5	Sodium	2500	43000	.5	07/14/08	9254	A9254P2	25	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/14/08	9254	A9254D2	26	P	PEICP2
7440-66-6	Zinc	25	ND	.5	07/14/08	9254	A9254D2	26	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Appendix C
Support Documentation/Resubmission
If Applicable

MDL / RL SUMMARY
200.7
PE ICP 2

ELEMENT	MDL (mg/L)	Reporting Limits (mg/L)	IDL (mg/L)
AL	0.036082	0.2	0.00508
SB	0.003599	0.015	0.00217
AS	0.03478	0.008	0.0039
BA	0.00025	0.05	0.000131
BE	0.0000472	0.008	0.0000201
CD	0.00023	0.004	0.000327
CA	0.027025	2	0.0154
CR	0.000493	0.05	0.000268
CO	0.000445	0.02	0.000301
CU	0.0045251	0.05	0.00059
FE	0.01976	0.3	0.00396
PB	0.002245	0.01	0.00135
MG	0.032404	2	0.0302
MN	0.000204	0.05	0.000107
MO	0.000925	0.02	0.000571
NI	0.001021	0.02	0.000516
SE	0.010471	0.05	0.00825
AG	0.000315	0.02	0.000363
TL	0.005023	0.01	0.00269
SN	0.002302	0.05	0.00175
TI	0.000327	0.05	0.000115
V	0.00096	0.05	0.000942
ZN	0.007783	0.05	0.000858

Al,Cu analyzed on 11/7/07,Cd,Zn on 11/6,Ca on 11/9,Cr,Fe,Ti on 11/8,Co on 12/28, All the rest on 10/18/07

Analytical Assurance Associates, Inc.
600 Rock Raymond Road
Downingtown, PA 19335
Phone: 610 - 269 - 9989
Fax: 610 - 269 - 9989

ORGANIC & INORGANIC DATA VALIDATION REPORT

EARTH TECH
ANCHOR LITH KEM KO PROJECT

ANALYZED BY
HAMPTON-CLARKE VERITECH LABORATORY
LABORATORY CASE No.: 8070312

REVIEWED BY:
Analytical Assurance Associates (A^3)
600 Rock Raymond Road
Downingtown, PA 19335

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38524
CASE NO.: 8070312

INTRODUCTION

This quality assurance review is based upon a review of all data generated from four groundwater samples including one field blank and one trip blank, collected on July 2, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 3, 2008 and analyzed for TCL volatile organic compounds (VOCs) using EPA Method 624 following the criteria set forth in NYSDEC Category B.

The following samples are evaluated and included in this package review.

FBGW070208
TB070208
MW-6D
MW-6S

The MS/MSD analysis was not performed on the above samples.

The reported analytical data for the above samples were evaluated in accordance with the following parameters and summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations
- Blanks
- Surrogate Recoveries
- Internal Standards Recovery
- Matrix Spike/Spike Duplicate/Blank Spike Analyses
- Instrument Performance
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The reported data was summarized on similar CLP form and considered acceptable.

The assigned ranges for % abundance ratios were smaller than the recommended ranges established in SOP for ions 50, 174, and 175. The data was not impacted since the % abundance ratios were within the recommended limits.

%Ds in continuing calibrations reported by the laboratory was calculated based on the amount of calibration standard injected in continuing calibration analysis. Consequently, some %Ds were reported above 25%. The %Ds were calculated by the data reviewer and reported accordingly.

Up to seven calibration analyses were reported for these four samples. The review of this data package was very time consuming.

HOLDING TIME

Samples were analyzed within 10 days of VTSR. The sample analysis also met the 12-hour analysis requirement with the exception of sample MW-6D. This sample was analyzed 3:27 hours beyond the 12-hour tune analysis, the frequency required by the CLP VOC SOW and also by SW-846 Method 8260B. However, these samples were analyzed using EPA Method 624, which only requires a tune "at the beginning of each day that analyses are to be performed." As the tune frequency was consistent with the requirements of the method, sample data were accepted, since all other criteria met the requirements for the tune analysis.

CALIBRATION

All %RSDs and %Ds were within the data validation limits of 30% and 25%, respectively, with the exception of acrolein (26.0%) and Acrylonitrile (29.6%) in continuing calibration analyzed on July 8 at 8:34. These compounds were not detected in the samples. The non-detected values were qualified estimated in the affected samples (001, 002, and 004). The response factors for acrolein (0.048, 0.042, and 0.048), t-butyl alcohol (0.026 and 0.025), and 1,4-dioxane (0.003, 0.007, 0.003 and 0.009) were below the data validation requirement of 0.05 in initial and continuing calibrations. These compounds were not considered as TCL compounds and they were known as low response factor compounds. Sample data was not qualified for these compounds with the exception of 1,4-dioxane since the Rfs for acrolein and t-butyl alcohol were above "0.01" analysis recommended method.

1,4- Dioxane was not detected in the samples. The reported non-detected values were contractually rejected "R".

BLANKS

The laboratory method blanks, trip blank, and field blank were free of target compounds. A storage blank was not analyzed with this batch.

SURROGATE RECOVERIES

Samples were spiked with four surrogate compounds prior to analysis. The recoveries were within the control limits.

MATRIX SPIKE/SPIKE DUPLICATE ANALYSIS

Matrix spike/spike duplicate analysis was performed on samples AC38547 and AC 38641 from alternate batches for 31 specific volatile compounds. The recoveries and RPDs were with in the control limits with the exception of recoveries for 2-chloroethylvinylether (0.0%) in AC38547MS/MSD.

Four sets of MS/MSD were analyzed from this specific site and the analysis results were included in separate cover pages. The review of the four sets of QC samples indicated the similar problem. Therefore, it is the data reviewer's opinion that 2-chloroethylvinylether could not be recovered under this specific sampling/analysis procedure and the non-detected values should be considered estimated "UJ".

INTERNAL STANDARD

The recoveries and retention times were within the control limits.

FIELD DUPLICATE

Field duplicate analysis was not performed with this batch of samples. However, four sets of field duplicate samples were collected for this site. The analysis results were reported under separate cover page and considered satisfactory.

SAMPLE RESULTS

All samples were analyzed at one-fold dilutions. Target compounds were not detected in these samples. TICs were not searched/reported for these samples.

SUMMARY

The cooler temperature (3.5 °C) was reported and considered acceptable.

Up to 31 compounds were listed in the applied analysis method “EPA Test Method 624”. However, 65 target compounds were reported in each sample. Please note that the analysis of some specific compounds such as acrolein and acrylonitrile were recommended by this method.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating Organic analyses. The USEPA Region II Data Validation SOP # HW-6 Revision 14 (September 2006), modified as for the specific requirements the analytical used by the laboratory (EPA Method 624), was utilized to review the data completeness and data quality. The major and minor analysis problems were discussed in the above sections.

If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

INORGANIC ANALYSIS

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38524
CASE NO.: 8070312

INTRODUCTION

This quality assurance review is based upon a review of all data generated from three groundwater samples including one field blank, collected on July 2, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 2, 2008 and analyzed for ICP metals and mercury according to the EPA Methods 200.7 and 245.1 respectively.

The following samples are evaluated and included in this package review.

FBGW070207
MW03-6D
MW-6S

MS and MD analyses were not performed on these samples.

The analysis data were reviewed in accordance with the following parameters and all problems encountered during the analysis were summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations & CRDL Analyses
- Blanks
- ICP Interference Check Sample
- Matrix Spike Analysis
- Matrix Duplicate Analysis
- Laboratory Control Sample Analysis
- ICP Serial Dilution Analysis
- Instrument Detection Limits
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The method detection limits were not included in the data package. The laboratory was contacted. The tabulated IDLs and MDLs were submitted by the laboratory. The IDLs and MDLs for potassium, sodium, and mercury were not listed on the resubmission. The laboratory stated that this form is not required for the applied method.

The serial dilution outliers were not qualified with an "E" qualifier code. The laboratory stated that this code is applied solely to the CLP Method analysis.

The %Ds in the serial dilution sample was not calculated as recommended by the CLP Method. The %Ds was calculated for all detected and non-detected results reported on the raw data. Consequently, many %Ds were reported above 10%. The reporting format did not follow the CLP and the review of the data was very time consuming.

HOLDING TIME

Samples were digested and analyzed within the holding time requirements established in the corresponding methods.

CALIBRATIONS & CRDL ANALYSES

The recoveries were within the control limits in initial and continuing calibrations analyzed prior and after sample analysis for all metals. The CRDL sample analysis was not performed for ICP metals.

BLANKS

The preparation blanks, ICBs, and CCBs were free of target analyte at levels above the CRDLs. Sodium was detected in the field blank (8000 µg/L) at a level above the CRDL. This analyte was reported in the samples at levels above the field blank concentration. Therefore, sample results were considered estimated and qualified "J" because the concentrations were below 10 times of the field blank contamination level.

ICP INTERFERENCE CHECK SAMPLE

The recoveries for ICSA and ICSB were within the control limit of 80-120% for ICP metals.

MATRIX SPIKE ANALYSIS

Matrix spike analysis was not performed on these samples. The results from the other batch (AC38518-001) were included with this batch. The recoveries were within the control limits of 75-125% for all metals.

MATRIX DUPLICATE ANALYSIS

Matrix duplicate analysis was performed on the above sample. The RPDs were within the control limits in all matrix duplicate analyses.

Four samples were collected from this site and assigned as QC samples (MS and MD) by the sampler. The analyses results were reported under separate cover pages. All recoveries were within the control limits.

LABORATORY CONTROL SAMPLE

The recoveries were within the control limits in this analysis.

SERIAL DILUTION

This quality control sample was analyzed on sample from the other batch (AC38518-001) for ICP metals. The %Ds were within the control limits with the exception of Ba (14%), Ca (13%), Cr (14%), Fe (11%), and Zn (181%). The reported positive results for these analytes were qualified estimated "J" with the exception of zinc since the results for zinc in the serial dilution samples were below 50 x the MDL.

FIELD DUPLICATE ANALYSIS

Field duplicate was not analyzed for this batch. However, four field duplicate samples were collected for this site and the analyses results were reported under separate cover pages. RPDs were within the control limits which indicated a satisfactory reproducibility.

SUMMARY

The cooler temperature (3.5 °C) was within the acceptable limits. The reported sample data was considered acceptable. All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating TAL metals. The Region II Data Validation SOP # HW-2, Revision 13 (September 2006) was utilized to review the data completeness and data quality. The analysis problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

1. **Appendix A- Glossary of Data Qualifier**
2. **Appendix B- Laboratory Form I, & Applied Qualifier Codes**
3. **Appendix C- Resubmission (if applicable)**

Appendix A
Glossary of Data Qualifiers

GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

U = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS. [Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]

R = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.

N = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICCATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

J = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.

UJ = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

Q = NO ANALYTICAL RESULT.

Appendix B
Laboratory Form I and Applied Qualifier Codes

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38524-001
Client Id: FBGW070208
Data File: 8M29344.D
Analysis Date: 07/08/08 16:08
Date Rec/Extracted: 07/03/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U UJ	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 87781

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38524-002
Client Id: TB070208
Data File: 8M29345.D
Analysis Date: 07/08/08 16:25
Date Rec/Extracted: 07/03/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U UJ	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 87781

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38524-003
Client Id: MW-6D
Data File: 3M50514.D
Analysis Date: 07/08/08 23:13
Date Rec/Extracted: 07/03/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U VJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Not analyzed under calibration analysis of 7-8-08 at 8:34

Worksheet #: 87781

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38524-004
Client Id: MW-6S
Data File: 8M29348.D
Analysis Date: 07/08/08 17:17
Date Rec/Extracted: 07/03/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U UJ	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 87781

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38524-001	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FBGW070208	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/3/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/16/08	9254	A9254G2	37	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7440-39-3	Barium	25	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7440-70-2	Calcium	1000	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7439-89-6	Iron	150	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7439-95-4	Magnesium	1000	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7439-96-5	Manganese	25	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/17/08	9254	H9254A	31	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/14/08	9254	A9254P2	30	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7440-23-5	Sodium	2500	8000	.5	07/14/08	9254	A9254P2	30	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2
7440-66-6	Zinc	25	ND	.5	07/14/08	9254	A9254D2	37	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38524-003	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-6D	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/3/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	270	.5	07/16/08	9254	A9254G2	38	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7440-39-3	Barium	25	31 J	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7440-43-9	Cadmium	2.0	17	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7440-70-2	Calcium	1000	11000 J	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7440-47-3	Chromium	25	91 J	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7439-89-6	Iron	150	640 J	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7439-95-4	Magnesium	1000	1400	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7439-96-5	Manganese	25	ND	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/17/08	9254	H9254A	32	CV	HGCV2
7440-02-0	Nickel	10	16	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7440-09-7	Potassium	2500	2500	.5	07/14/08	9254	A9254P2	31	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7440-23-5	Sodium	2500	14000 J	.5	07/14/08	9254	A9254P2	31	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/14/08	9254	A9254D2	38	P	PEICP2
7440-66-6	Zinc	25	28	.5	07/14/08	9254	A9254D2	38	P	PEICP2

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38524-004	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-6S	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/3/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/16/08	9254	A9254G2	41	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7440-39-3	Barium	25	87 J	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7440-70-2	Calcium	1000	14000 J	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7439-89-6	Iron	150	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7439-95-4	Magnesium	1000	2300	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7439-96-5	Manganese	25	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/17/08	9254	H9254A	35	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7440-09-7	Potassium	2500	2600	.5	07/14/08	9254	A9254P2	32	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7440-23-5	Sodium	2500	13000 J	.5	07/14/08	9254	A9254P2	32	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2
7440-66-6	Zinc	25	ND	.5	07/14/08	9254	A9254D2	41	P	PEICP2

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Appendix C
Support Documentation/Resubmission
If Applicable

MDL / RL SUMMARY
200.7
PE ICP 2

ELEMENT	MDL (mg/L)	Reporting Limits (mg/L)	IDL (mg/L)
AL	0.036082	0.2	0.00508
SB	0.003599	0.015	0.00217
AS	0.03478	0.008	0.0039
BA	0.00025	0.05	0.000131
BE	0.0000472	0.008	0.0000201
CD	0.00023	0.004	0.000327
CA	0.027025	2	0.0154
CR	0.000493	0.05	0.000268
CO	0.000445	0.02	0.000301
CU	0.0045251	0.05	0.00059
FE	0.01976	0.3	0.00396
PB	0.002245	0.01	0.00135
MG	0.032404	2	0.0302
MN	0.000204	0.05	0.000107
MO	0.000925	0.02	0.000571
NI	0.001021	0.02	0.000516
SE	0.010471	0.05	0.00825
AG	0.000315	0.02	0.000363
TL	0.005023	0.01	0.00269
SN	0.002302	0.05	0.00175
TI	0.000327	0.05	0.000115
V	0.00096	0.05	0.000942
ZN	0.007783	0.05	0.000858

Al,Cu analyzed on 11/7/07,Cd,Zn on 11/6,Ca on 11/9,Cr,Fe,Ti on 11/8,Co on 12/28, All the rest on 10/18/07

Analytical Assurance Associates, Inc.
600 Rock Raymond Road
Downingtown, PA 19335
Phone: 610 - 269 - 9989
Fax: 610 - 269 - 9989

ORGANIC & INORGANIC DATA VALIDATION REPORT

EARTH TECH
ANCHOR LITH KEM KO PROJECT

ANALYZED BY
HAMPTON-CLARKE VERITECH LABORATORY
LABORATORY CASE No.: 8071005

REVIEWED BY:
Analytical Assurance Associates (A^3)
600 Rock Raymond Road
Downingtown, PA 19335

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID AC38601
CASE NO.: 8071005

INTRODUCTION

This quality assurance review is based upon a review of all data generated from ten groundwater samples including one trip blank, collected on July 8 and 9, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 10, 2008 and analyzed for specific volatile organic compounds (VOCs) using EPA Method 624 following the criteria set forth in NYSDEC Category B.

The following samples are evaluated and included in this package review.

PW03-02	**PW03-06**
PW03-04	**PW03-07**
PW03-01	**PW02-02**
PW03-05	**PW02-05**
PW03-03	**TB070908**

MS/MSD analysis was performed on samples PW03-01 and PW03-05 from this batch.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations
- Blanks
- Surrogate Recoveries
- Internal Standards Recovery
- Matrix Spike/Spike Duplicate/Blank Spike Analyses
- Instrument Performance
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The reported data was summarized on the similar CLP forms and considered acceptable.

The narrower ranges for percent abundance ratios in tune analysis were reported by laboratory for ions 50, 174 and 175. The data was not impacted since the % abundance ratios were within the method recommended limits.

%Ds in continuing calibrations reported by the laboratory was not calculated based on the calculations recommended by the method. Consequently, some %Ds were above 25%. The %Ds were recalculated by the data reviewer and reported accordingly.

The laboratory indicated that one of three 40-mL bottles for sample (PW03-05) was received broken.

HOLDING TIME

Samples were analyzed within 10 day of VTSR. Samples were received by the laboratory in good condition. All samples were preserved at pH < 2 pH unit.

A daily BFB tune analysis was performed by the laboratory. All samples with the exception of sample PW03-05 were analyzed from 2 to 6 hours beyond the 12-hour tune analysis, the frequency required by the CLP VOC SOW and also by SW-846 Method 8260B. However, these samples were analyzed using EPA Method 624, which only requires a tune "at the beginning of each day that analyses are to be performed." As the tune frequency was consistent with the requirements of the method, sample data were accepted since all other criteria met the requirements for the tune analysis.

CALIBRATION

The response factors (Rfs) for acrolein, t-butyl alcohol and 1,4-dioxane were below data validation requirement of 0.05 in initial and continuing calibrations. These compounds are not considered as TCL compounds and they are known as low response factor compounds. Sample data was not qualified for acrolein and t-butyl alcohol since Rf values were above "0.01" requirements, recommended by the analysis method. However, the reported results and non-detected values for 1,4-dioxane were qualified in accordance with the Region II guidelines

1,4-Dioxane was not detected in the samples and Rfs were below 0.01. The reported non-detected values were contractually rejected "R".

All %RSDs were within the control limit of "<30%" recommended by the data validation guidelines. The %Ds were within the control limit in two continuing calibrations. The following %D outliers were tabulated under the corresponding calibration:

Compound Name	**CC 7-15-08 @ 8:19**
Chloromethane	32.0
Bromomethane	52.0
Chloroethane	27.5
Carbon disulfide	48.5
Methyl acetate	50.6
4-Methyl2-pentanone	29.1
2-Hexanone	28.6
1,1,2,2-Tetrachloroethane	31.9
1,2,3-Trichloropropane	30.4
Sample AC38601-	004 to 009

The reported sample results and non-detected values were qualified estimated (J and UJ)

BLANKS

The laboratory method blanks and trip blank were free of target compound. A storage blank was not analyzed with this batch.

SURROGATE RECOVERIES

Samples were spiked with four surrogate compounds prior to analysis. The recoveries were within the control limits.

MATRIX SPIKE/SPIKE DUPLICATE ANALYSIS

Matrix spike/spike duplicate analysis was performed on samples AC38601-003 & AC38601-04 from this batch for 31 specific volatile compounds. The recoveries and RPDs were with in the control limits with the exception of recoveries for 2-chloroethylvinylether (0.0%) in both sets of MS/MSD samples. The laboratory case narrative indicated that this compound readily decomposes under acidic condition.

In addition, four sets of MS/MSD were collected and analyzed from this specific site and the analysis results were included in separate cover pages. The review of the four sets of QC samples indicated the similar problem. Therefore, it is the data reviewer's opinion that 2-chloroethylvinylether could not be recovered under this specific sampling/analysis procedure and the non-detected values should be considered estimated "UJ".

Note: These two samples were not identified as QC samples, (MS/MSD), on the chain of custody record by the sampler.

INTERNAL STANDARD

The recoveries and retention times were within the control limits.

FIELD DUPLICATE

Field duplicate analysis was not performed with this batch of samples. Four duplicate samples were collected from this site. The analysis results were reported under separate cover pages.

SAMPLE RESULTS

All samples were analyzed at one-fold dilutions. Acetone was detected in the samples at relatively high levels. The reported result in sample PW03-07 was above the CLP VOC SOW and SW846 Method 8260B calibration limits. However, sample data was accepted unqualified because the reported result was within the calibration range standards analyzed for this method. The high concentration of this compound should be investigated since this compound was not reported in the method blank and trip blank.

SUMMARY

The cooler temperature (3.0°C) was reported and considered acceptable.

Up to 31 compounds were listed in the applied analysis method “EPA Test Method 624”. However, 65 target compounds were reported for each sample. Please note that the analysis of some specific compounds such as acrolein and acrylonitrile were not recommended by this method.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for evaluating organic compounds. The Region II Data Validation SOP # HW-6 Revision 14 (September 2006), modified as needed for the specific requirements the analytical used by the laboratory (EPA Method 624), was utilized to review the data completeness and data quality.

Overall, major problems were not encountered during the sample analysis. The minor problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

INORGANIC ANALYSIS

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38601
CASE NO.: 8071005

INTRODUCTION

This quality assurance review is based upon a review of all data generated from nine groundwater samples, collected on July 8 and 9, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 10, 2008 and analyzed for ICP metals and mercury according to the EPA Methods 200.7 and 245.1 respectively.

The following samples are evaluated and included in this package review.

PW03-02	**PW03-06**
PW03-04	**PW03-07**
PW03-01	**PW02-02**
PW03-05	**PW02-05**
PW03-03	

MS and MD analyses were not performed on these samples.

The analysis data were reviewed in accordance with the following parameters and all problems encountered during the analysis were summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations & CRDL Analyses
- Blanks
- ICP Interference Check Sample
- Matrix Spike Analysis
- Matrix Duplicate Analysis
- Laboratory Control Sample Analysis
- ICP Serial Dilution Analysis
- Instrument Detection Limits
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The IDLs and MDLs were not included in the data package. The laboratory was contacted. The tabulated IDLs and MDLs were submitted by the laboratory. The IDLs and MDLs for potassium, sodium, and mercury were not listed on the resubmission. The laboratory stated that this form is not required for the applied method.

The serial dilution outliers were not qualified with an "E" qualifier code. The laboratory stated that this code is applied solely to the CLP Method analysis.

The %Ds in the serial dilution sample was not calculated as recommended by the CLP Method. The %Ds was calculated for all detected and non-detected results reported on the raw data. Consequently, many %Ds were reported above 10%. The reporting format did not follow the CLP and the review of the data was very time consuming.

HOLDING TIME

Samples were digested and analyzed within the holding time requirements established in the corresponding methods.

CALIBRATIONS & CRDL ANALYSES

The recoveries were within the control limits in initial and continuing calibrations analyzed prior and after sample analysis for all metals. The CRDL sample analysis was not performed for ICP metals.

BLANKS

The preparation blanks, ICBs, and CCBs were free of target analytes at levels above the CRDLs.

ICP INTERFERENCE CHECK SAMPLE

The recoveries for ICSA and ICSB were within the control limit of 80-120% for ICP metals.

MATRIX SPIKE ANALYSIS

Matrix spike analysis was not performed on these samples. The results from the other batch (AC38653-004) were included with this batch. The recoveries were within the control limits of 75-125%.

MATRIX DUPLICATE ANALYSIS

Matrix duplicate analysis was performed on the above sample. The RPDs were within the control limits in all matrix duplicate analyses.

Please note that four samples were collected from this site and assigned as QC samples (MS and MD) by the sampler. The analyses results were reported under separate cover pages. All recoveries were within the control limits.

LABORATORY CONTROL SAMPLE

The recoveries were within the control limits in this analysis.

SERIAL DILUTION

This quality control sample was analyzed on sample PW01-06 for ICP metals. The % differences were above 10% for Ca (12%) and Fe (11%). The reported sample results for these two analytes were qualified estimated "J" since both sample results were above 50 times the corresponding MDLs.

FIELD DUPLICATE ANALYSIS

Field duplicate was not analyzed for this batch. However, four field duplicate samples were collected for this site and the analyses results were reported under separate cover pages. RPDs were within the control limits which indicated a satisfactory reproducibility.

SUMMARY

The cooler temperature (3.0 °C) was within the acceptable limits. The reported sample data are considered acceptable.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating TAL metals. The USEPA Region II Data Validation SOP # HW-2, Revision 13 (September 2006) was utilized to review the data completeness and data quality. The analysis problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

1. **Appendix A- Glossary of Data Qualifier**
2. **Appendix B- Laboratory Form I, & Applied Qualifier Codes**
3. **Appendix C- Resubmission (if applicable)**

Appendix A
Glossary of Data Qualifiers

GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

U = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS. [Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]

R = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.

N = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICCATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

J = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.

UJ = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

Q = NO ANALYTICAL RESULT.

Appendix B
Laboratory Form I and Applied Qualifier Codes

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38601-001
Client Id: PW03-02
Data File: 6M28720.D
Analysis Date: 07/11/08 22:23
Date Rec/Extracted: 07/10/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	**1,1,1-Trichloroethane**	**1.0**	**1.2**
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	**1,1-Dichloroethane**	**1.0**	**2.3**
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	5.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	5.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**37**
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U

Cas #	Compound	RL	Conc
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 88452

Total Target Concentration 40.5

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38601-002
Client Id: PW03-04
Data File: 6M28721.D
Analysis Date: 07/11/08 22:41
Date Rec/Extracted: 07/10/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	5.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U VJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	**Acetone**	**5.0**	**130** ✓	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 88452

Total Target Concentration 130

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38601-003
Client Id: PW03-01
Data File: 6M28722.D
Analysis Date: 07/11/08 22:59
Date Rec/Extracted: 07/10/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	**1,1,1-Trichloroethane**	**1.0**	**1.5**
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	5.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	5.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**38**
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U

Cas #	Compound	RL	Conc
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 88452

Total Target Concentration 39.5

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38601-004
Client Id: PW03-05
Data File: 8M29628.D
Analysis Date: 07/15/08 12:19
Date Rec/Extracted: 07/10/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U UJ	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U UJ
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U UJ
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U UJ	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U UJ
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U UJ	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U UJ	98-06-6	t-Butylbenzene	1.0	U
67-64-1	**Acetone**	**5.0**	**73**	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U UJ				

Worksheet #: 88452

Total Target Concentration 73

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38601-005
Client Id: PW03-03
Data File: 8M29662.D
Analysis Date: 07/15/08 22:03
Date Rec/Extracted: 07/10/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	**1,1,1-Trichloroethane**	**1.0**	**9.7**	75-15-0	Carbon Disulfide	1.0	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U UJ	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U UJ
75-34-3	**1,1-Dichloroethane**	**1.0**	**4.6**	67-66-3	Chloroform	1.0	U
75-35-4	**1,1-Dichloroethene**	**1.0**	**1.1**	74-87-3	Chloromethane	1.0	U UJ
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U UJ	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U UJ
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U UJ	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U UJ	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U UJ				

Worksheet #: 88452

Total Target Concentration 15.4

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38601-006
Client Id: PW03-06
Data File: 8M29663.D
Analysis Date: 07/15/08 22:20
Date Rec/Extracted: 07/10/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U UJ
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U UJ
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U UJ
67-64-1	**Acetone**	**5.0**	**200**
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U UJ
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U UJ
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U UJ
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U UJ
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 88452

Total Target Concentration 200

- Indicates the compound was analyzed but not detected.
- Indicates the analyte was found in the blank as well as in the sample.
- Indicates the analyte concentration exceeds the calibration range of ie instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38601-007
Client Id: PW03-07
Data File: 8M29669.D
Analysis Date: 07/16/08 00:02
Date Rec/Extracted: 07/10/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U UJ
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U UJ
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U UJ
67-64-1	**Acetone**	**5.0**	**560**
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U UJ
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U UJ
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U UJ
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U UJ
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U
98-06-6	t-Butylbenzene	1.0	U
127-18-4	**Tetrachloroethene**	**1.0**	**7.8**
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89091

Total Target Concentration 567.8

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38601-008
Client Id: PW02-02
Data File: 8M29670.D
Analysis Date: 07/16/08 00:19
Date Rec/Extracted: 07/10/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U UJ
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U UJ
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U UJ
67-64-1	**Acetone**	**5.0**	27
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U UJ
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U UJ
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U UJ
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U UJ
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 88452

Total Target Concentration 27

- Indicates the compound was analyzed but not detected.
- Indicates the analyte was found in the blank as well as in the sample.
- Indicates the analyte concentration exceeds the calibration range of e instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38601-009
Client Id: PW02-05
Data File: 8M29664.D
Analysis Date: 07/15/08 22:37
Date Rec/Extracted: 07/10/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U UJ
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U UJ
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U UJ
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U UJ
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U UJ
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U UJ
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U UJ
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 88452

Total Target Concentration 0

' - Indicates the compound was analyzed but not detected.
- Indicates the analyte was found in the blank as well as in the sample.
- Indicates the analyte concentration exceeds the calibration range of e instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38601-010
Client Id: TB070908
Data File: 6M28770.D
Analysis Date: 07/14/08 21:20
Date Rec/Extracted: 07/10/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	5.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	5.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 88452

Total Target Concentration 0

- Indicates the compound was analyzed but not detected.
- Indicates the analyte was found in the blank as well as in the sample.
- Indicates the analyte concentration exceeds the calibration range of e instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1
Inorganic Analysis Data Sheet

Sample ID: AC38601-001
Client Id: PW03-02
Matrix: AQUEOUS
Level: LOW

% Solid: 0
Units: UG/L
Date Rec: 7/10/2008

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-38-2	Arsenic	4.0	7.9	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-39-3	Barium	25	290	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-70-2	Calcium	1000	24000]	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-48-4	Cobalt	10	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1
7439-89-6	Iron	150	18000]	.5	07/17/08	9282	A9282A	33	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1
7439-95-4	Magnesium	1000	3000	.5	07/17/08	9282	A9282A	33	P	PEICP1
7439-96-5	Manganese	25	2700	.5	07/17/08	9282	A9282A	33	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	25	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-09-7	Potassium	2500	25000	.5	07/17/08	9282	A9282B	26	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-23-5	Sodium	2500	54000	.5	07/17/08	9282	A9282B	26	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1
7440-66-6	Zinc	25	ND	.5	07/17/08	9282	A9282A	33	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: AC38601-002
Client Id: PW03-04
Matrix: AQUEOUS
Level: LOW

% Solid: 0
Units: UG/L
Date Rec: 7/10/2008

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	210	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-38-2	Arsenic	4.0	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-39-3	Barium	25	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-70-2	Calcium	1000	13000]	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-48-4	Cobalt	10	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7439-89-6	Iron	150	6500]	.5	07/17/08	9282	A9282A	34	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7439-95-4	Magnesium	1000	2500	.5	07/17/08	9282	A9282A	34	P	PEICP1
7439-96-5	Manganese	25	800	.5	07/17/08	9282	A9282A	34	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	26	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-09-7	Potassium	2500	ND	.5	07/17/08	9282	A9282B	31	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-23-5	Sodium	2500	57000	.5	07/17/08	9282	A9282B	31	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1
7440-66-6	Zinc	25	ND	.5	07/17/08	9282	A9282A	34	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: AC38601-003
Client Id: PW03-01
Matrix: AQUEOUS
Level: LOW

% Solid: 0
Units: UG/L
Date Rec: 7/10/2008

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-38-2	Arsenic	4.0	ND	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-39-3	Barium	25	120	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-70-2	Calcium	1000	23000 J	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-48-4	Cobalt	10	12	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	35	P	PEICP1
7439-89-6	Iron	150	14000 J	.5	07/17/08	9282	A9282A	35	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	35	P	PEICP1
7439-95-4	Magnesium	1000	2900	.5	07/17/08	9282	A9282A	35	P	PEICP1
7439-96-5	Manganese	25	440	.5	07/17/08	9282	A9282A	35	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	27	CV	HGCV2
7440-02-0	Nickel	10	13	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-09-7	Potassium	2500	24000	.5	07/17/08	9282	A9282B	32	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-23-5	Sodium	2500	39000	.5	07/17/08	9282	A9282B	32	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	35	P	PEICP1
7440-66-6	Zinc	25	130	.5	07/17/08	9282	A9282A	35	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: AC38601-004
Client Id: PW03-05
Matrix: AQUEOUS
Level: LOW

% Solid: 0
Units: UG/L
Date Rec: 7/10/2008

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-38-2	Arsenic	4.0	ND	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-39-3	Barium	25	46	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-70-2	Calcium	1000	12000 J	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-48-4	Cobalt	10	ND	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	40	P	PEICP1
7439-89-6	Iron	150	3200 J	.5	07/17/08	9282	A9282A	40	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	40	P	PEICP1
7439-95-4	Magnesium	1000	2000	.5	07/17/08	9282	A9282A	40	P	PEICP1
7439-96-5	Manganese	25	130	.5	07/17/08	9282	A9282A	40	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	28	CV	HGCV2
7440-02-0	Nickel	10	12	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-09-7	Potassium	2500	ND	.5	07/17/08	9282	A9282B	33	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-23-5	Sodium	2500	34000	.5	07/17/08	9282	A9282B	33	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	40	P	PEICP1
7440-66-6	Zinc	25	29	.5	07/17/08	9282	A9282A	40	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: AC38601-005
Client Id: PW03-03
Matrix: AQUEOUS
Level: LOW

% Solid: 0
Units: UG/L
Date Rec: 7/10/2008

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-38-2	Arsenic	4.0	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-39-3	Barium	25	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-70-2	Calcium	1000	8800 J	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-48-4	Cobalt	10	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7439-89-6	Iron	150	450 J	.5	07/17/08	9282	A9282A	41	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7439-95-4	Magnesium	1000	1300	.5	07/17/08	9282	A9282A	41	P	PEICP1
7439-96-5	Manganese	25	370	.5	07/17/08	9282	A9282A	41	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	29	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-09-7	Potassium	2500	ND	.5	07/17/08	9282	A9282B	34	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-23-5	Sodium	2500	29000	.5	07/17/08	9282	A9282B	34	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	41	P	PEICP1
7440-66-6	Zinc	25	52	.5	07/17/08	9282	A9282A	41	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: AC38601-006
Client Id: PW03-06
Matrix: AQUEOUS
Level: LOW

% Solid: 0
Units: UG/L
Date Rec: 7/10/2008

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	120	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-38-2	Arsenic	4.0	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-39-3	Barium	25	44	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-70-2	Calcium	1000	12000 J	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-48-4	Cobalt	10	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1
7439-89-6	Iron	150	4600 J	.5	07/17/08	9282	A9282A	42	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1
7439-95-4	Magnesium	1000	3000	.5	07/17/08	9282	A9282A	42	P	PEICP1
7439-96-5	Manganese	25	510	.5	07/17/08	9282	A9282A	42	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	30	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-09-7	Potassium	2500	ND	.5	07/17/08	9282	A9282B	35	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-23-5	Sodium	2500	44000	.5	07/17/08	9282	A9282B	35	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1
7440-66-6	Zinc	25	ND	.5	07/17/08	9282	A9282A	42	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: AC38601-007
Client Id: PW03-07
Matrix: AQUEOUS
Level: LOW

% Solid: 0
Units: UG/L
Date Rec: 7/10/2008

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	320	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-38-2	Arsenic	4.0	5.9	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-39-3	Barium	25	48	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-70-2	Calcium	1000	19000 J	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-48-4	Cobalt	10	ND	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	43	P	PEICP1
7439-89-6	Iron	150	35000 J	.5	07/17/08	9282	A9282A	43	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	43	P	PEICP1
7439-95-4	Magnesium	1000	5400	.5	07/17/08	9282	A9282A	43	P	PEICP1
7439-96-5	Manganese	25	370	.5	07/17/08	9282	A9282A	43	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	31	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-09-7	Potassium	2500	ND	.5	07/17/08	9282	A9282B	36	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-23-5	Sodium	2500	32000	.5	07/17/08	9282	A9282B	36	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	43	P	PEICP1
7440-66-6	Zinc	25	ND	.5	07/17/08	9282	A9282A	43	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: AC38601-008
Client Id: PW02-02
Matrix: AQUEOUS
Level: LOW

% Solid: 0
Units: UG/L
Date Rec: 7/10/2008

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	150	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-38-2	Arsenic	4.0	7.0	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-39-3	Barium	25	40	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-70-2	Calcium	1000	13000 J	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-48-4	Cobalt	10	ND	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	44	P	PEICP1
7439-89-6	Iron	150	5900 J	.5	07/17/08	9282	A9282A	44	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	44	P	PEICP1
7439-95-4	Magnesium	1000	2600	.5	07/17/08	9282	A9282A	44	P	PEICP1
7439-96-5	Manganese	25	150	.5	07/17/08	9282	A9282A	44	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	32	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-09-7	Potassium	2500	ND	.5	07/17/08	9282	A9282B	37	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-23-5	Sodium	2500	30000	.5	07/17/08	9282	A9282B	37	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	44	P	PEICP1
7440-66-6	Zinc	25	ND	.5	07/17/08	9282	A9282A	44	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: AC38601-009
Client Id: PW02-05
Matrix: AQUEOUS
Level: LOW

% Solid: 0
Units: UG/L
Date Rec: 7/10/2008

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	3800	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-38-2	Arsenic	4.0	ND	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-39-3	Barium	25	57	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-70-2	Calcium	1000	18000 J	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-48-4	Cobalt	10	ND	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	45	P	PEICP1
7439-89-6	Iron	150	6400 J	.5	07/17/08	9282	A9282A	45	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	45	P	PEICP1
7439-95-4	Magnesium	1000	2700	.5	07/17/08	9282	A9282A	45	P	PEICP1
7439-96-5	Manganese	25	130	.5	07/17/08	9282	A9282A	45	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	35	CV	HGCV2
7440-02-0	Nickel	10	15	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-09-7	Potassium	2500	ND	.5	07/17/08	9282	A9282B	38	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-23-5	Sodium	2500	29000	.5	07/17/08	9282	A9282B	38	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	45	P	PEICP1
7440-66-6	Zinc	25	ND	.5	07/17/08	9282	A9282A	45	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Appendix C
Support Documentation/Resubmission
If Applicable

MDL / RL SUMMARY
200.7
PE ICP 2

ELEMENT	MDL (mg/L)	Reporting Limits (mg/L)	IDL (mg/L)
AL	0.036082	0.2	0.00508
SB	0.003599	0.015	0.00217
AS	0.03478	0.008	0.0039
BA	0.00025	0.05	0.000131
BE	0.0000472	0.008	0.0000201
CD	0.00023	0.004	0.000327
CA	0.027025	2	0.0154
CR	0.000493	0.05	0.000268
CO	0.000445	0.02	0.000301
CU	0.0045251	0.05	0.00059
FE	0.01976	0.3	0.00396
PB	0.002245	0.01	0.00135
MG	0.032404	2	0.0302
MN	0.000204	0.05	0.000107
MO	0.000925	0.02	0.000571
NI	0.001021	0.02	0.000516
SE	0.010471	0.05	0.00825
AG	0.000315	0.02	0.000363
TL	0.005023	0.01	0.00269
SN	0.002302	0.05	0.00175
TI	0.000327	0.05	0.000115
V	0.00096	0.05	0.000942
ZN	0.007783	0.05	0.000858

Al,Cu analyzed on 11/7/07,Cd,Zn on 11/6,Ca on 11/9,Cr,Fe,Ti on 11/8,Co on 12/28, All the rest on 10/18/07

Analytical Assurance Associates, Inc.
600 Rock Raymond Road
Downingtown, PA 19335
Phone: 610 - 269 - 9989
Fax: 610 - 269 - 9989

ORGANIC & INORGANIC DATA VALIDATION REPORT

EARTH TECH
ANCHOR LITH KEM KO PROJECT

ANALYZED BY
HAMPTON-CLARKE VERITECH LABORATORY
LABORATORY CASE No.: 8071107

REVIEWED BY:
Analytical Assurance Associates (A^3)
600 Rock Raymond Road
Downingtown, PA 19335

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38637
CASE NO.: 8071107

INTRODUCTION

This quality assurance review is based upon a review of all data generated from five groundwater samples, collected on July 10, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 11, 2008 and analyzed for ICP metals and mercury according to the EPA Methods 200.7 and 245.1 respectively.

The following samples are evaluated and included in this package review.

PW02-06
PW02-01
PW02-04
PW02-03
PW02-07

MS and MD analyses were performed on sample PW02-06.

The analysis data were reviewed in accordance with the following parameters and all problems encountered during the analysis were summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations & CRDL Analyses
- Blanks
- ICP Interference Check Sample
- Matrix Spike Analysis
- Matrix Duplicate Analysis
- Laboratory Control Sample Analysis
- ICP Serial Dilution Analysis
- Instrument Detection Limits
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The method detection limits were not included in the data package. The laboratory was contacted. The tabulated IDLs and MDLs were submitted by the laboratory. The IDLs and MDLs for potassium, sodium, and mercury were not listed on the resubmission. The laboratory stated that this form is not required for the applied method.

The serial dilution outliers were not qualified with an "E" qualifier code. The laboratory stated that this code is applied solely to the CLP Method analysis.

The %Ds in the serial dilution sample was not calculated as recommended by the CLP Method. The %Ds was calculated for all detected and non-detected results reported on the raw data. Consequently, many %Ds were reported above 10%. The reporting format did not follow the CLP and the review of the data was very time consuming.

HOLDING TIME

Samples were digested and analyzed within the holding time requirements established in the corresponding methods.

CALIBRATIONS & CRDL ANALYSES

The recoveries were within the control limits in initial and continuing calibrations analyzed prior and after sample analysis for all metals. The CRDL sample analysis was not performed for ICP metals.

BLANKS

The preparation blanks, ICBs, and CCBs were free of target analytes at levels above the CRDLs.

ICP INTERFERENCE CHECK SAMPLE

The recoveries for ICSA and ICSB were within the control limit of 80-120% for ICP metals.

MATRIX SPIKE ANALYSIS

Matrix spike analysis was performed on the PW02-06. The recoveries were within the control limits of 75-125%.

MATRIX DUPLICATE ANALYSIS

Matrix duplicate analysis was performed on the above sample. The RPDs were within the control limits in for all metals.

LABORATORY CONTROL SAMPLE

The recoveries were within the control limits in this analysis.

SERIAL DILUTION

This quality control sample was analyzed on sample PW02-06 for ICP metals. The reported % Differences for all analytes were with the data validation control limits.

FIELD DUPLICATE ANALYSIS

A field duplicate was not analyzed for this batch. However, four field duplicate samples were collected for this site and the analyses results were reported under separate cover pages. RPDs were within the control limits which indicated a satisfactory reproducibility.

SUMMARY

The cooler temperature (3.0°C) was within the acceptable limits. The reported sample data was considered acceptable.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating TAL metals. The USEPA Region II Data Validation SOP # HW-2, Revision 13 (September 2006) was utilized to review the data completeness and data quality. The analysis problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

INORGANIC ANALYSIS

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38637
CASE NO.: 8071107

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PW02-04
PW02-03
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- Matrix Spike Analysis
- Matrix Duplicate Analysis
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- ICP Serial Dilution Analysis
- Instrument Detection Limits
- Field Duplicate Results
- Sample Results

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The method detection limits were not included in the data package. The laboratory was contacted. The tabulated IDLs and MDLs were submitted by the laboratory. The IDLs and MDLs for potassium, sodium, and mercury were not listed on the resubmission. The laboratory stated that this form is not required for the applied method.

The serial dilution outliers were not qualified with an "E" qualifier code. The laboratory stated that this code is applied solely to the CLP Method analysis.

The %Ds in the serial dilution sample was not calculated as recommended by the CLP Method. The %Ds was calculated for all detected and non-detected results reported on the raw data. Consequently, many %Ds were reported above 10%. The reporting format did not follow the CLP and the review of the data was very time consuming.

HOLDING TIME

Samples were digested and analyzed within the holding time requirements established in the corresponding methods.

CALIBRATIONS & CRDL ANALYSES

The recoveries were within the control limits in initial and continuing calibrations analyzed prior and after sample analysis for all metals. The CRDL sample analysis was not performed for ICP metals.

BLANKS

The preparation blanks, ICBs, and CCBs were free of target analytes at levels above the CRDLs.

ICP INTERFERENCE CHECK SAMPLE

The recoveries for ICSA and ICSB were within the control limit of 80-120% for ICP metals.

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The recoveries were within the control limits in this analysis.

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This quality control sample was analyzed on sample PW02-06 for ICP metals. The reported % Differences for all analytes were with the data validation control limits.

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The cooler temperature (3.0°C) was within the acceptable limits. The reported sample data was considered acceptable.

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Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

1. **Appendix A- Glossary of Data Qualifier**
2. **Appendix B- Laboratory Form I, & Applied Qualifier Codes**
3. **Appendix C- Resubmission (if applicable)**

Appendix A
Glossary of Data Qualifiers

GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

U = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS. [Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]

R = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.

N = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICCATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

J = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.

UJ = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

Q = NO ANALYTICAL RESULT.

Appendix B
Laboratory Form I and Applied Qualifier Codes

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38637-001
Client Id: PW02-06
Data File: 3M50876.D
Analysis Date: 07/16/08 16:37
Date Rec/Extracted: 07/11/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**720**
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	**Tetrachloroethene**	**1.0**	**3.0**
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 88480

Total Target Concentration 723

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38637-002
Client Id: PW02-01
Data File: 3M50877.D
Analysis Date: 07/16/08 16:54
Date Rec/Extracted: 07/11/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**28**
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 88480

Total Target Concentration 28

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38637-003
Client Id: PW02-04
Data File: 3M50873.D
Analysis Date: 07/16/08 15:46
Date Rec/Extracted: 07/11/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**230**
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 88480

Total Target Concentration 230

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38637-004
Client Id: PW02-03
Data File: 3M50874.D
Analysis Date: 07/16/08 16:03
Date Rec/Extracted: 07/11/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	**1,1,1-Trichloroethane**	**1.0**	**13**
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	**1,1-Dichloroethane**	**1.0**	**9.5**
75-35-4	**1,1-Dichloroethene**	**1.0**	**2.0**
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**30**
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 88480

Total Target Concentration 54.5

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38637-005
Client Id: PW02-07
Data File: 3M50875.D
Analysis Date: 07/16/08 16:20
Date Rec/Extracted: 07/11/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	**67-66-3**	**Chloroform**	**1.0**	**1.8**
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	**156-59-2**	**cis-1,2-Dichloroethene**	**1.0**	**1.3**
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	**75-09-2**	**Methylene Chloride**	**1.0**	**2.1**
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	**Acetone**	**5.0**	**79**	**127-18-4**	**Tetrachloroethene**	**1.0**	**82**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	**79-01-6**	**Trichloroethene**	**1.0**	**2.4**
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 88480

Total Target Concentration 168.6

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38637-006
Client Id: TB071008
Data File: 3M50870.D
Analysis Date: 07/16/08 14:55
Date Rec/Extracted: 07/11/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 88480

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38637-001	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW02-06	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/11/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-36-0	Antimony	7.5	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-38-2	Arsenic	4.0	4.4	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-39-3	Barium	25	75	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-41-7	Beryllium	4.0	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-43-9	Cadmium	2.0	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-70-2	Calcium	1000	19000	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-47-3	Chromium	25	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-48-4	Cobalt	10	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-50-8	Copper	25	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7439-89-6	Iron	150	10000	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7439-92-1	Lead	5.0	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7439-95-4	Magnesium	1000	5300	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7439-96-5	Manganese	25	380	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/17/08	9284	H9284A	14	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-09-7	Potassium	2500	2800	0.5	07/18/08	9284	A9284C	13	P	PEICPRAD1
7782-49-2	Selenium	25	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-22-4	Silver	10	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-23-5	Sodium	2500	38000	0.5	07/21/08	9284	A9284E	13	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-62-2	Vanadium	25	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1
7440-66-6	Zinc	25	ND	0.5	07/17/08	9284	A9284A	14	P	PEICP1

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38637-002	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW02-01	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/11/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	410	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-36-0	Antimony	7.5	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-38-2	Arsenic	4.0	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-39-3	Barium	25	47	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-41-7	Beryllium	4.0	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-43-9	Cadmium	2.0	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-70-2	Calcium	1000	19000	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-47-3	Chromium	25	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-48-4	Cobalt	10	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-50-8	Copper	25	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7439-89-6	Iron	150	5000	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7439-92-1	Lead	5.0	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7439-95-4	Magnesium	1000	3500	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7439-96-5	Manganese	25	140	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/17/08	9284	H9284A	29	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-09-7	Potassium	2500	ND	0.5	07/18/08	9284	A9284C	34	P	PEICPRAD1
7782-49-2	Selenium	25	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-22-4	Silver	10	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-23-5	Sodium	2500	5000	0.5	07/21/08	9284	A9284E	35	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-62-2	Vanadium	25	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1
7440-66-6	Zinc	25	ND	0.5	07/17/08	9284	A9284A	35	P	PEICP1

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38637-003	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW02-04	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/11/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	360	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-36-0	Antimony	7.5	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-38-2	Arsenic	4.0	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-39-3	Barium	25	58	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-41-7	Beryllium	4.0	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-43-9	Cadmium	2.0	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-70-2	Calcium	1000	17000	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-47-3	Chromium	25	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-48-4	Cobalt	10	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-50-8	Copper	25	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7439-89-6	Iron	150	7600	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7439-92-1	Lead	5.0	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7439-95-4	Magnesium	1000	1800	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7439-96-5	Manganese	25	1300	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/17/08	9284	H9284A	30	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-09-7	Potassium	2500	ND	0.5	07/18/08	9284	A9284C	35	P	PEICPRAD1
7782-49-2	Selenium	25	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-22-4	Silver	10	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-23-5	Sodium	2500	14000	0.5	07/21/08	9284	A9284E	36	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-62-2	Vanadium	25	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1
7440-66-6	Zinc	25	ND	0.5	07/17/08	9284	A9284A	36	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38637-004	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW02-03	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/11/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-36-0	Antimony	7.5	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-38-2	Arsenic	4.0	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-39-3	Barium	25	190	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-41-7	Beryllium	4.0	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-43-9	Cadmium	2.0	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-70-2	Calcium	1000	14000	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-47-3	Chromium	25	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-48-4	Cobalt	10	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-50-8	Copper	25	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7439-89-6	Iron	150	4600	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7439-92-1	Lead	5.0	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7439-95-4	Magnesium	1000	2900	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7439-96-5	Manganese	25	1200	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/17/08	9284	H9284A	31	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-09-7	Potassium	2500	ND	0.5	07/18/08	9284	A9284C	36	P	PEICPRAD1
7782-49-2	Selenium	25	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-22-4	Silver	10	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-23-5	Sodium	2500	52000	0.5	07/21/08	9284	A9284E	37	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-62-2	Vanadium	25	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1
7440-66-6	Zinc	25	ND	0.5	07/17/08	9284	A9284A	37	P	PEICP1

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38637-005	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW02-07	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/11/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	400	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-36-0	Antimony	7.5	ND	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-38-2	Arsenic	4.0	6.8	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-39-3	Barium	25	35	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-41-7	Beryllium	4.0	ND	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-43-9	Cadmium	2.0	ND	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-70-2	Calcium	1000	17000	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-47-3	Chromium	25	ND	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-48-4	Cobalt	10	ND	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-50-8	Copper	25	ND	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7439-89-6	Iron	150	18000	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7439-92-1	Lead	5.0	ND	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7439-95-4	Magnesium	1000	5100	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7439-96-5	Manganese	25	53	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/17/08	9284	H9284A	32	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-09-7	Potassium	2500	ND	0.5	07/18/08	9284	A9284C	37	P	PEICPRAD1
7782-49-2	Selenium	25	ND	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-22-4	Silver	10	ND	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-23-5	Sodium	2500	58000	0.5	07/21/08	9284	A9284E	38	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-62-2	Vanadium	25	ND	0.5	07/17/08	9284	A9284A	38	P	PEICP1
7440-66-6	Zinc	25	ND	0.5	07/17/08	9284	A9284A	38	P	PEICP1

Comments: _____

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Flag Codes:

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P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Appendix C
Support Documentation/Resubmission
If Applicable

MDL / RL SUMMARY
200.7
PE ICP 2

ELEMENT	MDL (mg/L)	Reporting Limits (mg/L)	IDL (mg/L)
AL	0.036082	0.2	0.00508
SB	0.003599	0.015	0.00217
AS	0.03478	0.008	0.0039
BA	0.00025	0.05	0.000131
BE	0.0000472	0.008	0.0000201
CD	0.00023	0.004	0.000327
CA	0.027025	2	0.0154
CR	0.000493	0.05	0.000268
CO	0.000445	0.02	0.000301
CU	0.0045251	0.05	0.00059
FE	0.01976	0.3	0.00396
PB	0.002245	0.01	0.00135
MG	0.032404	2	0.0302
MN	0.000204	0.05	0.000107
MO	0.000925	0.02	0.000571
NI	0.001021	0.02	0.000516
SE	0.010471	0.05	0.00825
AG	0.000315	0.02	0.000363
TL	0.005023	0.01	0.00269
SN	0.002302	0.05	0.00175
TI	0.000327	0.05	0.000115
V	0.00096	0.05	0.000942
ZN	0.007783	0.05	0.000858

Al,Cu analyzed on 11/7/07,Cd,Zn on 11/6,Ca on 11/9,Cr,Fe,Ti on 11/8,Co on 12/28, All the rest on 10/18/07

Analytical Assurance Associates, Inc.
600 Rock Raymond Road
Downingtown, PA 19335
Phone: 610 - 269 - 9989
Fax: 610 - 269 - 9989

ORGANIC & INORGANIC DATA VALIDATION REPORT

EARTH TECH
ANCHOR LITH KEM KO PROJECT

ANALYZED BY
HAMPTON-CLARKE VERITECH LABORATORY
LABORATORY CASE No.: 8071123

REVIEWED BY:
Analytical Assurance Associates (A^3)
600 Rock Raymond Road
Downingtown, PA 19335

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38653
CASE NO.: 8071123

INTRODUCTION

This quality assurance review is based upon a review of all data generated from seven groundwater samples including one duplicate and one trip blank, collected on July 11, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 11, 2008 and analyzed for specific volatile organic compounds (VOCs) using EPA Method 624 following the criteria set forth in NYSDEC Category B.

The following samples are evaluated and included in this package review.

PW01-01	**PW01-56**
PW01-04	**PW01-03**
PW01-02	**TB071108**
PW01-06	

MS/MSD analysis was performed on sample PW01-06 from this batch.

The reported analytical data for the above samples were evaluated in accordance with the following parameters and summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations
- Blanks
- Surrogate Recoveries
- Internal Standards Recovery
- Matrix Spike/Spike Duplicate/Blank Spike Analyses
- Instrument Performance
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The reported data was summarized on the similar CLP forms and considered acceptable.

The narrower ranges for percent abundance ratios in tune analysis were reported by laboratory for ions 50, 174, and 175. The data was not impacted since the reported abundance ratios were within the method recommended limits.

%Ds in continuing calibrations reported by the laboratory was not calculated based on the calculations recommended by the method. Consequently, some %Ds were above 25%. The %Ds were recalculated by the data reviewer and reported accordingly.

HOLDING TIME

Samples were analyzed within 10 days of VTSR with the exception of sample PW01-03. This sample was analyzed within 14 days of collection. The analysis data were accepted since samples were preserved at pH <2 unit.

A daily tune analysis was performed by the laboratory. Consequently the 12-hour tune analysis was exceeded for all samples except sample PW01-03. Samples were analyzed from 3:45 to 9:37 hours beyond 12-hour tune analysis, the frequency required by the CLP VOC SOW and also by SW-846 Method 8260B. However, these samples were analyzed using EPA Method 624, which only requires a tune "at the beginning of each day that analyses are to be performed." As the tune frequency was consistent with the requirements of the method, sample data were accepted since all other criteria met the requirements for the tune analysis.

CALIBRATION

The response factors for acrolein (0.048, 0.038, and 0.037), t-butyl alcohol (0.026, 0.019, 0.046, and 0.028), and 1,4-dioxane (0.003, 0.003, 0.004, and 0.005) were below the data Region II data validation requirement of 0.05 in initial and continuing calibrations. These compounds are not considered as TCL compounds and they are known as low response factor compounds. Sample data was not qualified for acrolein and t-butyl alcohol since their Rf values were above "0.01" control limits recommended by the analysis method. However, the reported results and non-detected values for 1,4-dioxane were qualified in accordance with the region II guideline.

1,4-Dioxane was not detected in the samples. The reported non-detected values were contractually rejected "R".

All %RSDs were within the control limits. The "recalculated" %Ds were above 25% in the following continuing calibrations:

Compound	CC 7-22-08 @ 10:15	CC 7-16-08 @ 6:46
Dichlorodifluoromethane	31.1	
Bromomethane	27.2	
Vinyl Chloride	29.2	
Acrolein	37.0	
Acrylonitrile	29.2	
Acetone	36.7	
Carbon disulfide	34.5	
t-Butyl Alcohol	38.5	30.5
Methyl Acetate	40.0	
Samples AC38653-	008	All samples Except 008

The reported sample results and non-detected values were qualified estimated (J and UJ).

BLANKS

The laboratory method blanks and trip blank were free of target compounds. A storage blank was not analyzed with this batch.

SURROGATE RECOVERIES

Samples were spiked with four surrogate compounds prior to analysis. The recoveries were within the control limits.

MATRIX SPIKE/SPIKE DUPLICATE ANALYSIS

Matrix spike/spike duplicate analysis was performed on sample PW01-06 from this batch and sample AC38765-001 from alternate batch for 31 specific volatile compounds. The percent recoveries and RPDs were with in the control limits with the exception of recoveries for 2-chloroethylvinylether (0.0%) in both sets of MS/MSD samples. The laboratory case narrative indicated that this compound readily decomposes under acidic condition. This compound was not detected in the samples. Therefore, the non-detected values were qualified estimated "UJ" since the recoveries were within the control limits in blank spike samples. The matrix interference is expected.

The RPD for 1,2-dichlorobenzene (23%) exceeded the upper control limit of 20% in PW01-06 MS/MSD. Sample data was not qualified since this compound was not detected in the samples.

INTERNAL STANDARD

The recoveries and retention times were within the control limits.

FIELD DUPLICATE

Field duplicate analysis was performed on the duplicate sample pair PW01-06/PW01-56. Target compounds were not detected in these two samples.

SAMPLE RESULTS

All samples were analyzed at one-fold dilutions. The reported sample data were accepted with the applied qualifier codes.

SUMMARY

The cooler temperature (3.6°C) was reported and considered acceptable.

Up to 31 compounds were listed in the applied analysis method "EPA Test Method 624". However, 65 target compounds were reported in each sample. Please note that the analysis of some specific compounds such as acrolein and acrylonitrile were not recommended by this method.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating Organic analyses. The USEPA Region II Data Validation SOP # HW-6 Revision 14, (September 2006), modified as needed for the specific requirements the analytical used by the laboratory (EPA 624), was utilized to review the data completeness and data quality. The analysis problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

INORGANIC ANALYSIS

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38653
CASE NO.: 8071123

INTRODUCTION

This quality assurance review is based upon a review of all data generated from six groundwater samples including one set of field duplicate, collected on July 11, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 11, 2008 and analyzed for ICP metals and mercury according to the EPA Methods 200.7 and 245.1 respectively.

The following samples are evaluated and included in this package review.

PW01-01	**PW01-06**
PW01-04	**PW01-56**
PW01-02	**PW01-03**

MS and MD analyses were performed on sample PW01-06 from this batch.

The analysis data were reviewed in accordance with the following parameters and all problems encountered during the analysis were summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations & CRDL Analyses
- Blanks
- ICP Interference Check Sample
- Matrix Spike Analysis
- Matrix Duplicate Analysis
- Laboratory Control Sample Analysis
- ICP Serial Dilution Analysis
- Instrument Detection Limits
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The method detection limits were not included in the data package. The laboratory was contacted. The tabulated IDLs and MDLs were submitted by the laboratory. The MDLs for potassium, sodium, and mercury were not listed on the resubmission. The laboratory stated that this form is not required for the applied method.

The serial dilution outliers were not qualified with an "E" qualifier code. The laboratory stated that this code is applied solely to the CLP Method analysis.

The %Ds in the serial dilution sample was not calculated as recommended by the CLP Method. The %Ds was calculated for all detected and non-detected results reported on the raw data. Consequently, many %Ds were reported above 10%. The reporting format did not follow the CLP and the review of the data was very time consuming.

HOLDING TIME

Samples were digested and analyzed within the holding time requirements established in the corresponding methods.

CALIBRATIONS & CRDL ANALYSES

The recoveries were within the control limits in initial and continuing calibrations analyzed prior and after sample analysis for all metals. The CRDL sample analysis was not performed for ICP metals.

BLANKS

The preparation blanks, ICBs, and CCBs were free of target analytes at levels above the CRDLs.

ICP INTERFERENCE CHECK SAMPLE

The recoveries for ICSA and ICSB were within the control limit of 80-120% for ICP metals.

MATRIX SPIKE ANALYSIS

Matrix spike analysis was performed on sample PW01-06. Recoveries were within 75-125% control limits for all metals.

MATRIX DUPLICATE ANALYSIS

Matrix duplicate analysis was performed on the above sample. The RPDs were within the control limits established for ground water samples.

LABORATORY CONTROL SAMPLE

The recoveries were within the control limits in this analysis.

SERIAL DILUTION

This quality control sample was analyzed on sample PW01-06 for ICP metals. The %Differences were above 10% for Ca (12%) and Fe (11%). The reported sample results for these two analytes were qualified estimated "J" since both sample results were above 50 times the corresponding MDLs.

FIELD DUPLICATE ANALYSIS

Field duplicate was analyzed on samples PW01-06 and PW01-56. The RPDs were listed on Table I (attached). The reproducibility is satisfactory.

SUMMARY

The cooler temperature (3.6 °C) was within the acceptable limits. The reported sample data was considered acceptable.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating TAL metals. The USEPA Region II Data Validation SOP # HW-2, Revision 13 (September 2006) was utilized to review the data completeness and data quality. The analysis problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

Table I
Field Duplicate Precision
Laboratory Project No.: 8071123

Analyte	Field Sample PW01-06	Field Dup PW01-56	RPD
Aluminum			
Antimony			
Arsenic			
Barium	72	75	4
Beryllium			
Cadmium			
Calcium	12000	12000	0
Chromium			
Cobalt			
Copper			
Iron	1300	1400	7
Lead			
Magnesium	1600	1600	0
Manganese	130	100	26
Mercury			
Nickel			
Potassium			
Selenium			
Silver			
Sodium	41000	41000	0
Thallium			
Vanadium			
Zinc			

The reproducibility of field duplicate samples is satisfactory.

1. **Appendix A- Glossary of Data Qualifier**
2. **Appendix B- Laboratory Form I, & Applied Qualifier Codes**
3. **Appendix C- Resubmission (if applicable)**

Appendix A
Glossary of Data Qualifiers

GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

U = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS. [Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]

R = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.

N = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICCATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

J = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.

UJ = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

Q = NO ANALYTICAL RESULT.

Appendix B
Laboratory Form I and Applied Qualifier Codes

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38653-001
Client Id: PW01-01
Data File: 3M50897.D
Analysis Date: 07/16/08 22:36
Date Rec/Extracted: 07/11/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89132

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38653-002
Client Id: PW01-04
Data File: 3M50898.D
Analysis Date: 07/16/08 22:53
Date Rec/Extracted: 07/11/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**23**
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89132

Total Target Concentration 23

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38653-003
Client Id: PW01-02
Data File: 3M50899.D
Analysis Date: 07/16/08 23:11
Date Rec/Extracted: 07/11/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc		Cas #	Compound	RL	Conc	
71-55-6	1,1,1-Trichloroethane	1.0	U		75-15-0	Carbon Disulfide	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		56-23-5	Carbon Tetrachloride	1.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U		108-90-7	Chlorobenzene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U		75-00-3	Chloroethane	1.0	U	
75-34-3	1,1-Dichloroethane	1.0	U		67-66-3	Chloroform	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U		74-87-3	Chloromethane	1.0	U	
87-61-6	1,2,3-Trichlorobenzene	1.0	U		156-59-2	cis-1,2-Dichloroethene	1.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U		10061-01-5	cis-1,3-Dichloropropene	1.0	U	
120-82-1	1,2,4-Trichlorobenzene	1.0	U		110-82-7	Cyclohexane	1.0	U	
95-63-6	1,2,4-Trimethylbenzene	1.0	U		124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U		75-71-8	Dichlorodifluoromethane	1.0	U	
106-93-4	1,2-Dibromoethane	1.0	U		100-41-4	Ethylbenzene	1.0	U	
95-50-1	1,2-Dichlorobenzene	1.0	U		98-82-8	Isopropylbenzene	1.0	U	
107-06-2	1,2-Dichloroethane	0.50	U		1330-20-7	m&p-Xylenes	2.0	U	
78-87-5	1,2-Dichloropropane	1.0	U		79-20-9	Methyl Acetate	1.0	U	
108-67-8	1,3,5-Trimethylbenzene	1.0	U		108-87-2	Methylcyclohexane	1.0	U	
541-73-1	1,3-Dichlorobenzene	1.0	U		75-09-2	Methylene Chloride	1.0	U	
142-28-9	1,3-Dichloropropane	1.0	U		1634-04-4	Methyl-t-butyl ether	1.0	U	
106-46-7	1,4-Dichlorobenzene	1.0	U		104-51-8	n-Butylbenzene	1.0	U	
123-91-1	1,4-Dioxane	50	U R		103-65-1	n-Propylbenzene	1.0	U	
78-93-3	2-Butanone	1.0	U		95-47-6	o-Xylene	1.0	U	
110-75-8	2-Chloroethylvinylether	1.0	U UJ		135-98-8	sec-Butylbenzene	1.0	U	
591-78-6	2-Hexanone	1.0	U		100-42-5	Styrene	1.0	U	
99-87-6	4-Isopropyltoluene	1.0	U		75-65-0	t-Butyl Alcohol	5.0	U	UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U		98-06-6	t-Butylbenzene	1.0	U	
67-64-1	Acetone	5.0	U		127-18-4	Tetrachloroethene	1.0	U	
107-02-8	Acrolein	5.0	U		108-88-3	Toluene	1.0	U	
107-13-1	Acrylonitrile	1.0	U		156-60-5	trans-1,2-Dichloroethene	1.0	U	
71-43-2	Benzene	0.50	U		10061-02-6	trans-1,3-Dichloropropene	1.0	U	
74-97-5	Bromochloromethane	1.0	U		79-01-6	Trichloroethene	1.0	U	
75-27-4	Bromodichloromethane	1.0	U		75-69-4	Trichlorofluoromethane	1.0	U	
75-25-2	Bromoform	1.0	U		75-01-4	Vinyl Chloride	1.0	U	
74-83-9	Bromomethane	1.0	U						

Worksheet #: 89132

Total Target Concentration 0

B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
R - Retention Time Out
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.
U - Indicates the compound was analyzed but not detected.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38653-004
Client Id: PW01-06
Data File: 3M50900.D
Analysis Date: 07/16/08 23:29
Date Rec/Extracted: 07/11/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89132

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38653-007
Client Id: PW01-56
Data File: 3M50915.D
Analysis Date: 07/17/08 04:11
Date Rec/Extracted: 07/11/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89132

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38653-008
Client Id: PW01-03
Data File: 2M32982.D
Analysis Date: 07/22/08 13:11 ✓
Date Rec/Extracted: 07/11/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U UJ
107-02-8	Acrolein	5.0	U UJ
107-13-1	Acrylonitrile	1.0	U UJ
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U UJ
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U UJ
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U UJ
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U UJ

Worksheet #: 89132

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38653-009
Client Id: TB 071108
Data File: 3M50911.D
Analysis Date: 07/17/08 02:59
Date Rec/Extracted: 07/11/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89132

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38653-001	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW01-01	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/12/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-38-2	Arsenic	4.0	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-39-3	Barium	25	93	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-70-2	Calcium	1000	9600 J	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-48-4	Cobalt	10	18	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1
7439-89-6	Iron	150	7900 J	.5	07/17/08	9282	A9282A	26	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1
7439-95-4	Magnesium	1000	1700	.5	07/17/08	9282	A9282A	26	P	PEICP1
7439-96-5	Manganese	25	2000	.5	07/17/08	9282	A9282A	26	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	18	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-09-7	Potassium	2500	ND	.5	07/17/08	9282	A9282B	21	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-23-5	Sodium	2500	150000	.5	07/17/08	9282	A9282B	21	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1
7440-66-6	Zinc	25	ND	.5	07/17/08	9282	A9282A	26	P	PEICP1

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: AC38653-002
Client Id: PW01-04
Matrix: AQUEOUS
Level: LOW

% Solid: 0
Units: UG/L
Date Rec: 7/12/2008

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-38-2	Arsenic	4.0	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-39-3	Barium	25	65	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-70-2	Calcium	1000	10000 J	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-48-4	Cobalt	10	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7439-89-6	Iron	150	7000 J	.5	07/17/08	9282	A9282A	29	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7439-95-4	Magnesium	1000	1500	.5	07/17/08	9282	A9282A	29	P	PEICP1
7439-96-5	Manganese	25	1100	.5	07/17/08	9282	A9282A	29	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	19	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-09-7	Potassium	2500	2800	.5	07/17/08	9282	A9282B	22	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-23-5	Sodium	2500	34000	.5	07/17/08	9282	A9282B	22	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1
7440-66-6	Zinc	25	ND	.5	07/17/08	9282	A9282A	29	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38653-003	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW01-02	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/12/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-38-2	Arsenic	4.0	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-39-3	Barium	25	72	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-70-2	Calcium	1000	14000 J	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-48-4	Cobalt	10	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7439-89-6	Iron	150	1200 J	.5	07/17/08	9282	A9282A	30	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7439-95-4	Magnesium	1000	1900	.5	07/17/08	9282	A9282A	30	P	PEICP1
7439-96-5	Manganese	25	150	.5	07/17/08	9282	A9282A	30	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	20	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-09-7	Potassium	2500	2900	.5	07/17/08	9282	A9282B	23	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-23-5	Sodium	2500	23000	.5	07/17/08	9282	A9282B	23	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1
7440-66-6	Zinc	25	ND	.5	07/17/08	9282	A9282A	30	P	PEICP1

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38653-004	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW01-06	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/12/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-38-2	Arsenic	4.0	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-39-3	Barium	25	72	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-70-2	Calcium	1000	12000 J	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-48-4	Cobalt	10	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7439-89-6	Iron	150	1300 J	.5	07/17/08	9282	A9282A	20	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7439-95-4	Magnesium	1000	1600	.5	07/17/08	9282	A9282A	20	P	PEICP1
7439-96-5	Manganese	25	130	.5	07/17/08	9282	A9282A	20	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	14	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-09-7	Potassium	2500	ND	.5	07/17/08	9282	A9282B	13	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-23-5	Sodium	2500	41000	.5	07/17/08	9282	A9282B	13	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1
7440-66-6	Zinc	25	ND	.5	07/17/08	9282	A9282A	20	P	PEICP1

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38653-007	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW01-56	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/12/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-38-2	Arsenic	4.0	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-39-3	Barium	25	75	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-70-2	Calcium	1000	12000 J	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-48-4	Cobalt	10	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7439-89-6	Iron	150	1400 J	.5	07/17/08	9282	A9282A	31	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7439-95-4	Magnesium	1000	1600	.5	07/17/08	9282	A9282A	31	P	PEICP1
7439-96-5	Manganese	25	100	.5	07/17/08	9282	A9282A	31	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	23	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-09-7	Potassium	2500	ND	.5	07/17/08	9282	A9282B	24	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-23-5	Sodium	2500	41000	.5	07/17/08	9282	A9282B	24	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1
7440-66-6	Zinc	25	ND	.5	07/17/08	9282	A9282A	31	P	PEICP1

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38653-008	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW01-03	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/12/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	370	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-36-0	Antimony	7.5	ND	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-38-2	Arsenic	4.0	7.1	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-39-3	Barium	25	67	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-41-7	Beryllium	4.0	ND	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-43-9	Cadmium	2.0	ND	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-70-2	Calcium	1000	10000 J	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-47-3	Chromium	25	ND	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-48-4	Cobalt	10	ND	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-50-8	Copper	25	ND	.5	07/17/08	9282	A9282A	32	P	PEICP1
7439-89-6	Iron	150	6000 J	.5	07/17/08	9282	A9282A	32	P	PEICP1
7439-92-1	Lead	5.0	ND	.5	07/17/08	9282	A9282A	32	P	PEICP1
7439-95-4	Magnesium	1000	1500	.5	07/17/08	9282	A9282A	32	P	PEICP1
7439-96-5	Manganese	25	880	.5	07/17/08	9282	A9282A	32	P	PEICP1
7439-97-6	Mercury	0.20	ND	1	07/18/08	9282	H9282A	24	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-09-7	Potassium	2500	2800	.5	07/17/08	9282	A9282B	25	P	PEICPRAD1
7782-49-2	Selenium	25	ND	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-22-4	Silver	10	ND	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-23-5	Sodium	2500	27000	.5	07/17/08	9282	A9282B	25	P	PEICPRAD1
7440-28-0	Thallium	5.0	ND	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-62-2	Vanadium	25	ND	.5	07/17/08	9282	A9282A	32	P	PEICP1
7440-66-6	Zinc	25	ND	.5	07/17/08	9282	A9282A	32	P	PEICP1

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Appendix C
Support Documentation/Resubmission
If Applicable

MDL / RL SUMMARY
200.7
PE ICP 2

ELEMENT	MDL (mg/L)	Reporting Limits (mg/L)	IDL (mg/L)
AL	0.036082	0.2	0.00508
SB	0.003599	0.015	0.00217
AS	0.03478	0.008	0.0039
BA	0.00025	0.05	0.000131
BE	0.0000472	0.008	0.0000201
CD	0.00023	0.004	0.000327
CA	0.027025	2	0.0154
CR	0.000493	0.05	0.000268
CO	0.000445	0.02	0.000301
CU	0.0045251	0.05	0.00059
FE	0.01976	0.3	0.00396
PB	0.002245	0.01	0.00135
MG	0.032404	2	0.0302
MN	0.000204	0.05	0.000107
MO	0.000925	0.02	0.000571
NI	0.001021	0.02	0.000516
SE	0.010471	0.05	0.00825
AG	0.000315	0.02	0.000363
TL	0.005023	0.01	0.00269
SN	0.002302	0.05	0.00175
TI	0.000327	0.05	0.000115
V	0.00096	0.05	0.000942
ZN	0.007783	0.05	0.000858

Al,Cu analyzed on 11/7/07,Cd,Zn on 11/6,Ca on 11/9,Cr,Fe,Ti on 11/8,Co on 12/28, All the rest on 10/18/07

Analytical Assurance Associates, Inc.
600 Rock Raymond Road
Downingtown, PA 19335
Phone: 610 - 269 - 9989
Fax: 610 - 269 - 9989

ORGANIC & INORGANIC DATA VALIDATION REPORT

EARTH TECH
ANCHOR LITH KEM KO PROJECT

ANALYZED BY
HAMPTON-CLARKE VERITECH LABORATORY
LABORATORY CASE No.: 8071604

REVIEWED BY:
Analytical Assurance Associates (A^3)
600 Rock Raymond Road
Downingtown, PA 19335

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38711
CASE NO.: 8071604

INTRODUCTION

This quality assurance review is based upon a review of all data generated from ten groundwater samples including one field duplicate, collected on July 14 and 15, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 16, 2008 and analyzed for specific volatile organic compounds (VOCs) using EPA Method 624 following the criteria set forth in NYSDEC Category B.

The following samples are evaluated and included in this package review.

PW01-05	**PW07-04**
PW01-07	**PW07-06**
PW07-01	**PW07-05**
PW07-03	**PW07-55**
PW07-02	**PW07-07**

MS/MSD analysis was performed on sample PW07-05 from this batch.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations
- Blanks
- Surrogate Recoveries
- Internal Standards Recovery
- Matrix Spike/Spike Duplicate/Blank Spike Analyses
- Instrument Performance
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The received date was inadvertently reported as July 11, 2008 on the case narrative

The reported data was summarized on the similar CLP forms and considered acceptable.

The narrower ranges for percent abundance ratios in tune analysis were reported by laboratory for ions 50, 174, and 175. The data was not impacted since the reported abundance ratios were within the method recommended limits.

%Ds in continuing calibrations reported by the laboratory was not calculated based on the calculations recommended by the method. Consequently, some %Ds were above 25%. The %Ds were recalculated by the data reviewer and reported accordingly.

HOLDING TIME

Samples were analyzed within 10 days of VTSR. Samples were preserved at pH<2 unit. All samples were received by the laboratory in good condition.

A daily tune analysis was performed by the laboratory. Consequently the 12-hour tune analysis was exceeded for all samples. Samples were analyzed from 1:07 to 4.31 hours beyond the 12-hour tune analysis, the frequency required by the CLP VOC SOW and also by SW-846 Method 8260B. However, these samples were analyzed using EPA Method 624, which only requires a tune "at the beginning of each day that analyses are to be performed." As the tune frequency was consistent with the requirements of the method, sample data were accepted, since all other criteria met the requirements for the tune analysis.

CALIBRATION

The response factors for acrolein (0.048 and 0.032), t-butyl alcohol (0.026 and 0.018), and 1,4-dioxane (0.003 and 0.003) were below data validation requirement of 0.05 in initial and continuing calibrations. These compounds are not considered as TCL compounds and they are known as low response factor compounds. Sample data was not qualified for acrolein and t-butyl alcohol since their Rfs were above "0.01" control limits recommended by the method. 1,4-dioxane was not detected in the samples. The reported non-detected values were contractually rejected "R".

All %RSDs were within the control limits. Samples were analyzed under one continuing calibration. The "recalculated" %Ds were also within the control limit of 25% with the exception of acrolein (33%) and t-butyl alcohol (31%). The reported sample results and non-detected values were qualified estimated (J and UJ) in all samples.

BLANKS

The laboratory method blank was free of target compounds. No storage blank or trip blank were analyzed with this batch.

SURROGATE RECOVERIES

Samples were spiked with four surrogate compounds prior to analysis. The recoveries were within the control limits.

MATRIX SPIKE/SPIKE DUPLICATE ANALYSIS

Matrix spike/spike duplicate analysis was performed on sample PW07-05 from this batch. The percent recoveries and RPDs were with in the control limits with the exception of recoveries for 2-chloroethylvinylether (0.0%) in both MS & MSD samples. The laboratory case narrative indicated that this compound readily decomposes under acidic condition. This compound was not detected in the samples. Therefore, the non-detected values were qualified estimated "UJ" since the recoveries were within the control limits in blank spike samples. The matrix interference is expected.

One blank spike sample was analyzed. The recoveries were within the control limits.

INTERNAL STANDARD

The recoveries and retention times were within the control limits.

FIELD DUPLICATE

Field duplicate analysis was performed on the sample pair PW07-05/PW07-55. Target compounds were not detected in these two samples with the exception of tetrachloroethene (1.5 and 1.7 µg/L) and trichloroethylene (11 and 11 µg/L). The RPDs were below 20% which indicated a satisfactory reproducibility.

SAMPLE RESULTS

All samples were analyzed at one-fold dilutions. The reported sample data were accepted with the applied qualifier codes.

SUMMARY

The cooler temperature (3.9°C) was reported and considered acceptable.

Up to 31 compounds were listed in the applied analysis method “EPA Test Method 624”. However, 65 target compounds were reported in each sample. Please note that the analysis of some specific compounds such as acrolein and acrylonitrile were not recommended by this method.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating Organic analyses. The USEPA Region II Data Validation SOP # HW-6 Revision 14 (September 2006), modified as needed for the specific requirements the analytical used by the laboratory (EPA Method 624), was utilized to review the data completeness and data quality. The analysis problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

INORGANIC ANALYSIS

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38711
CASE NO.: 8071604

INTRODUCTION

This quality assurance review is based upon a review of all data generated from ten groundwater samples including one field duplicate, collected on July 14 and 15, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 16, 2008 and analyzed for ICP metals and mercury according to the EPA Methods 200.7 and 245.1 respectively.

The following samples are evaluated and included in this package review.

PW01-05	**PW07-04**
PW01-07	**PW07-06**
PW07-01	**PW07-05**
PW07-03	**PW07-55**
PW07-02	**PW07-07**

MS and MD analyses were performed on sample PW07-05 from this batch.

The analysis data were reviewed in accordance with the following parameters and all problems encountered during the analysis were summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations & CRDL Analyses
- Blanks
- ICP Interference Check Sample
- Matrix Spike Analysis
- Matrix Duplicate Analysis
- Laboratory Control Sample Analysis
- ICP Serial Dilution Analysis
- Instrument Detection Limits
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The method detection limits were not included in the data package. The laboratory was contacted. The tabulated IDLs and MDLs were submitted by the laboratory. The MDLs for potassium, sodium, and mercury were not listed on the resubmission. The laboratory stated that this form is not required for the applied method.

The serial dilution outliers were not qualified with an "E" qualifier code. The laboratory stated that this code is applied solely to the CLP Method analysis.

The %Ds in the serial dilution sample was not calculated as recommended by the CLP Method. The %Ds was calculated for all detected and non-detected results reported on the raw data. Consequently, many %Ds were reported above 10%. The reporting format did not follow the CLP and the review of the data was very time consuming.

HOLDING TIME

Samples were digested and analyzed within the holding time requirements established in the corresponding methods.

CALIBRATIONS & CRDL ANALYSES

The recoveries were within the control limits in initial and continuing calibrations analyzed prior and after sample analysis for all metals. The CRDL sample analysis was not performed for ICP metals.

BLANKS

The preparation blanks, ICBs, and CCBs were free of target analytes at levels above the CRDLs.

ICP INTERFERENCE CHECK SAMPLE

The recoveries for ICSA and ICSB were within the control limit of 80-120% for ICP metals.

MATRIX SPIKE ANALYSIS

Matrix spike analysis was performed on sample PW07-05. The recoveries were within 75-125% control limits.

MATRIX DUPLICATE ANALYSIS

Matrix duplicate analysis was performed on the above sample. The RPDs were within the control limits for ground water samples.

LABORATORY CONTROL SAMPLE

The recoveries were within the control limits in this analysis.

SERIAL DILUTION

This quality control sample was analyzed on sample PW07-05 for ICP metals. The reported % differences for Ca (11%), K (48%), and Zn (134%) were above 10%. However, the %Ds for potassium and zinc were with the Region II data validation requirements. The reported result for calcium was above 50 x the MDL in serial dilution sample. Therefore, positive sample results were qualified estimated.

FIELD DUPLICATE ANALYSIS

Field duplicate analysis was performed on the sample pair PW07-05/PW07-55; the results are presented on Table 1 (attached). Zinc was detected in the field duplicate at a level below the reporting limits. However, this analyte was not detected in the corresponding field sample. Consequently, the RPD reported as 200%. Sample data was not impacted since the field duplicate result was below 5x the reporting limits.

SUMMARY

The cooler temperature (3.9 °C) was within the acceptable limits. The reported sample data was considered acceptable.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating TAL metals. The USEPA Region II Data Validation SOP # HW-2, Revision 13 (September 2006) was utilized to review the data completeness and data quality. The analysis problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

Table I
Field Duplicate Precision
Laboratory Project No.: 8071604

Analyte	Field Sample PW07-05	Field Dup PW07-55	RPD
Aluminum			
Antimony			
Arsenic			
Barium	30	31	3
Beryllium			
Cadmium			
Calcium	11000	11000	0
Chromium			
Cobalt			
Copper			
Iron	1800	2400	29
Lead			
Magnesium	3300	3300	0
Manganese			
Mercury			
Nickel			
Potassium			
Selenium	23000	22000	4
Silver			
Sodium			
Thallium			
Vanadium			
Zinc		44	200*

*Result is less than 5 x the reporting limits.

The RPDs were within the Region II data validation requirements

1. **Appendix A- Glossary of Data Qualifier**
2. **Appendix B- Laboratory Form I, & Applied Qualifier Codes**
3. **Appendix C- Resubmission (if applicable)**

Appendix A
Glossary of Data Qualifiers

GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

U = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS. [Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]

R = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.

N = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICCATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

J = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.

UJ = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

Q = NO ANALYTICAL RESULT.

Appendix B
Laboratory Form I and Applied Qualifier Codes

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38711-001
Client Id: PW01-05
Data File: 3M51032.D
Analysis Date: 07/18/08 21:43
Date Rec/Extracted: 07/16/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 89624

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38711-002
Client Id: PW01-07
Data File: 3M51033.D
Analysis Date: 07/18/08 22:00
Date Rec/Extracted: 07/16/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 89624

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38711-003
Client Id: PW07-01
Data File: 3M51044.D
Analysis Date: 07/19/08 01:07
Date Rec/Extracted: 07/16/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	**1,1-Dichloroethane**	**1.0**	**3.1**
75-35-4	**1,1-Dichloroethene**	**1.0**	**3.6**
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**210**
107-02-8	Acrolein	5.0	U UJ
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	**Trichloroethene**	**1.0**	**3.2**
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89624

Total Target Concentration 219.9

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38711-004
Client Id: PW07-03
Data File: 3M51034.D
Analysis Date: 07/18/08 22:17
Date Rec/Extracted: 07/16/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**77**
107-02-8	Acrolein	5.0	U UJ
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89624

Total Target Concentration 77

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38711-005
Client Id: PW07-02
Data File: 3M51035.D
Analysis Date: 07/18/08 22:34
Date Rec/Extracted: 07/16/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	**1,1,1-Trichloroethane**	**1.0**	**2.0**
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	**1,1-Dichloroethane**	**1.0**	**1.3**
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U UJ
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89624

Total Target Concentration 3.3

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38711-006
Client Id: PW07-04
Data File: 3M51041.D
Analysis Date: 07/19/08 00:16
Date Rec/Extracted: 07/16/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**20** ✓
107-02-8	Acrolein	5.0	U UJ
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	**Methyl-t-butyl ether**	**1.0**	**3.7** ✓
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89624

Total Target Concentration 23.7

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38711-007
Client Id: PW07-06
Data File: 3M51042.D
Analysis Date: 07/19/08 00:33
Date Rec/Extracted: 07/16/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**78**
107-02-8	Acrolein	5.0	U UJ
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89624

Total Target Concentration 78

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38711-008
Client Id: PW07-05
Data File: 3M51036.D
Analysis Date: 07/18/08 22:51
Date Rec/Extracted: 07/16/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**1.5**
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	**79-01-6**	**Trichloroethene**	**1.0**	**11**
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 89624

Total Target Concentration 12.5

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38711-011
Client Id: PW07-55
Data File: 3M51040.D
Analysis Date: 07/19/08 00:00
Date Rec/Extracted: 07/16/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U UJ
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	**Tetrachloroethene**	**1.0**	**1.7**
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	**Trichloroethene**	**1.0**	**11**
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89624

Total Target Concentration 12.7

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38711-012
Client Id: PW07-07
Data File: 3M51043.D
Analysis Date: 07/19/08 00:50
Date Rec/Extracted: 07/16/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	**Acetone**	**5.0**	**39**	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	**79-01-6**	**Trichloroethene**	**1.0**	**1.6**
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 89624

Total Target Concentration 40.6

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38711-001	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW01-05	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/16/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	200	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/29/08	9292	A9292T2	22	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7440-39-3	Barium	25	76	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7440-70-2	Calcium	1000	9800 J	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7439-89-6	Iron	150	2600	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7439-95-4	Magnesium	1000	1500	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7439-96-5	Manganese	25	340	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9292	H9292A	18	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7440-09-7	Potassium	2500	2700	.5	07/28/08	9292	A9292P2	21	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7440-23-5	Sodium	2500	24000	.5	07/28/08	9292	A9292P2	21	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/25/08	9292	A9292A2	22	P	PEICP2
7440-66-6	Zinc	25	130	.5	07/25/08	9292	A9292A2	22	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38711-002	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW01-07	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/16/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/29/08	9292	A9292T2	23	P	PEICP2
7440-38-2	Arsenic	4.0	4.2	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7440-39-3	Barium	25	91	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7440-70-2	Calcium	1000	13000 J	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7439-89-6	Iron	150	3000	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7439-95-4	Magnesium	1000	1700	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7439-96-5	Manganese	25	71	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9292	H9292A	19	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9292	A9292P2	22	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7440-23-5	Sodium	2500	50000	.5	07/28/08	9292	A9292P2	22	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/25/08	9292	A9292A2	23	P	PEICP2
7440-66-6	Zinc	25	49	.5	07/25/08	9292	A9292A2	23	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38711-003	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW07-01	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/16/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/29/08	9292	A9292T2	24	P	PEICP2
7440-38-2	Arsenic	4.0	9.0	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7440-39-3	Barium	25	86	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7440-70-2	Calcium	1000	34000 J	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7440-48-4	Cobalt	10	52	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7439-89-6	Iron	150	74000	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7439-95-4	Magnesium	1000	11000	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7439-96-5	Manganese	25	6600	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9292	H9292A	20	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7440-09-7	Potassium	2500	5900	.5	07/28/08	9292	A9292P2	23	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7440-23-5	Sodium	2500	13000	.5	07/28/08	9292	A9292P2	23	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/25/08	9292	A9292A2	24	P	PEICP2
7440-66-6	Zinc	25	ND	.5	07/25/08	9292	A9292A2	24	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38711-004	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW07-03	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/16/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/29/08	9292	A9292T2	25	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7440-39-3	Barium	25	73	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7440-70-2	Calcium	1000	13000 J	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7439-89-6	Iron	150	1900	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7439-95-4	Magnesium	1000	3300	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7439-96-5	Manganese	25	110	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9292	H9292A	23	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9292	A9292P2	24	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7440-23-5	Sodium	2500	31000	.5	07/28/08	9292	A9292P2	24	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/25/08	9292	A9292A2	25	P	PEICP2
7440-66-6	Zinc	25	36	.5	07/25/08	9292	A9292A2	25	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38711-005	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW07-02	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/16/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/29/08	9292	A9292T2	26	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7440-39-3	Barium	25	57	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7440-70-2	Calcium	1000	11000 J	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7439-89-6	Iron	150	1300	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7439-95-4	Magnesium	1000	1400	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7439-96-5	Manganese	25	100	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9292	H9292A	24	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7440-09-7	Potassium	2500	2600	.5	07/28/08	9292	A9292P2	25	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7440-23-5	Sodium	2500	25000	.5	07/28/08	9292	A9292P2	25	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/25/08	9292	A9292A2	26	P	PEICP2
7440-66-6	Zinc	25	31	.5	07/25/08	9292	A9292A2	26	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38711-006	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW07-04	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/16/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/29/08	9292	A9292U2	11	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/28/08	9292	A9292C2	11	P	PEICP2
7440-39-3	Barium	25	29	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7440-70-2	Calcium	1000	6100 J	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7439-89-6	Iron	150	3300	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7439-95-4	Magnesium	1000	1300	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7439-96-5	Manganese	25	48	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9292	H9292A	25	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9292	A9292P2	30	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7440-23-5	Sodium	2500	29000	.5	07/28/08	9292	A9292P2	30	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/28/08	9292	A9292B2	11	P	PEICP2
7440-66-6	Zinc	25	34	.5	07/28/08	9292	A9292B2	11	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38711-007	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW07-06	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/16/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/29/08	9292	A9292U2	12	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/28/08	9292	A9292C2	12	P	PEICP2
7440-39-3	Barium	25	ND	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7440-70-2	Calcium	1000	4200	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7439-89-6	Iron	150	3600	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7439-95-4	Magnesium	1000	1200	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7439-96-5	Manganese	25	38	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9292	H9292A	26	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9292	A9292P2	31	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7440-23-5	Sodium	2500	50000	.5	07/28/08	9292	A9292P2	31	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/28/08	9292	A9292B2	12	P	PEICP2
7440-66-6	Zinc	25	49	.5	07/28/08	9292	A9292B2	12	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38711-008	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW07-05	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/16/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/29/08	9292	A9292T2	14	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7440-39-3	Barium	25	30	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7440-70-2	Calcium	1000	11000	J .5	07/25/08	9292	A9292A2	14	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7439-89-6	Iron	150	1800	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7439-95-4	Magnesium	1000	3300	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7439-96-5	Manganese	25	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9292	H9292A	14	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9292	A9292P2	13	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7440-23-5	Sodium	2500	23000	.5	07/28/08	9292	A9292P2	13	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2
7440-66-6	Zinc	25	ND	.5	07/25/08	9292	A9292A2	14	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38711-011	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW07-55	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/16/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/29/08	9292	A9292U2	13	P	PEICP2
7440-38-2	Arsenic	4.0	ND	.5	07/28/08	9292	A9292C2	13	P	PEICP2
7440-39-3	Barium	25	31	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7440-70-2	Calcium	1000	11000 J	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7439-89-6	Iron	150	2400	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7439-95-4	Magnesium	1000	3300	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7439-96-5	Manganese	25	ND	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9292	H9292A	27	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9292	A9292P2	32	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7440-23-5	Sodium	2500	22000	.5	07/28/08	9292	A9292P2	32	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/28/08	9292	A9292B2	13	P	PEICP2
7440-66-6	Zinc	25	44	.5	07/28/08	9292	A9292B2	13	P	PEICP2

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38711-012	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW07-07	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/16/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7440-36-0	Antimony	7.5	ND	.5	07/29/08	9292	A9292U2	14	P	PEICP2
7440-38-2	Arsenic	4.0	4.5	.5	07/28/08	9292	A9292C2	14	P	PEICP2
7440-39-3	Barium	25	ND	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7440-41-7	Beryllium	4.0	ND	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7440-43-9	Cadmium	2.0	ND	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7440-70-2	Calcium	1000	5600 J	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7440-47-3	Chromium	25	ND	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7440-48-4	Cobalt	10	ND	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7440-50-8	Copper	25	ND	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7439-89-6	Iron	150	6100	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7439-92-1	Lead	5.0	ND	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7439-95-4	Magnesium	1000	1600	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7439-96-5	Manganese	25	34	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9292	H9292A	28	CV	HGCV2
7440-02-0	Nickel	10	ND	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9292	A9292P2	33	P	PEICPRAD2
7782-49-2	Selenium	25	ND	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7440-22-4	Silver	10	ND	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7440-23-5	Sodium	2500	54000	.5	07/28/08	9292	A9292P2	33	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7440-62-2	Vanadium	25	ND	.5	07/28/08	9292	A9292B2	14	P	PEICP2
7440-66-6	Zinc	25	180	.5	07/28/08	9292	A9292B2	14	P	PEICP2

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Appendix C
Support Documentation/Resubmission
If Applicable

MDL / RL SUMMARY
200.7
PE ICP 2

ELEMENT	MDL (mg/L)	Reporting Limits (mg/L)	IDL (mg/L)
AL	0.036082	0.2	0.00508
SB	0.003599	0.015	0.00217
AS	0.03478	0.008	0.0039
BA	0.00025	0.05	0.000131
BE	0.0000472	0.008	0.0000201
CD	0.00023	0.004	0.000327
CA	0.027025	2	0.0154
CR	0.000493	0.05	0.000268
CO	0.000445	0.02	0.000301
CU	0.0045251	0.05	0.00059
FE	0.01976	0.3	0.00396
PB	0.002245	0.01	0.00135
MG	0.032404	2	0.0302
MN	0.000204	0.05	0.000107
MO	0.000925	0.02	0.000571
NI	0.001021	0.02	0.000516
SE	0.010471	0.05	0.00825
AG	0.000315	0.02	0.000363
TL	0.005023	0.01	0.00269
SN	0.002302	0.05	0.00175
TI	0.000327	0.05	0.000115
V	0.00096	0.05	0.000942
ZN	0.007783	0.05	0.000858

Al,Cu analyzed on 11/7/07,Cd,Zn on 11/6,Ca on 11/9,Cr,Fe,Ti on 11/8,Co on 12/28, All the rest on 10/18/07

Analytical Assurance Associates, Inc.
600 Rock Raymond Road
Downingtown, PA 19335
Phone: 610 - 269 - 9989
Fax: 610 - 269 - 9989

ORGANIC & INORGANIC DATA VALIDATION REPORT

EARTH TECH
ANCHOR LITH KEM KO PROJECT

ANALYZED BY
HAMPTON-CLARKE VERITECH LABORATORY
LABORATORY CASE No.: 8071707

REVIEWED BY:
Analytical Assurance Associates (A^3)
600 Rock Raymond Road
Downingtown, PA 19335

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38739
CASE NO.: 8071707

INTRODUCTION

This quality assurance review is based upon a review of all data generated from12 groundwater samples including one field blank and one trip blank, collected on July 15 and 16, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 17, 2008 and analyzed for specific volatile organic compounds (VOCs) using EPA Method 624 following the criteria set forth in NYSDEC Category B.

The following samples are evaluated and included in this package review.

PW04-01	**TB071608**
PW04-03	**PW04-07**
PW04-02	**PW04-05**
FBGW071608	**PW06-01**
PW04-04	**PW06-03**
PW04-06	**PW06-02**

MS/MSD analysis was not performed on the above samples.

The reported analytical data for the above samples were evaluated in accordance with the following parameters and summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations
- Blanks
- Surrogate Recoveries
- Internal Standards Recovery
- Matrix Spike/Spike Duplicate/Blank Spike Analyses
- Instrument Performance
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The reported data was summarized on the similar CLP forms and considered acceptable.

The narrower ranges for percent abundance ratios in tune analysis were reported by laboratory for ions 50, 174, and 175. The data was not impacted since the reported abundance ratios were within the method recommended limits.

%Ds in continuing calibrations reported by the laboratory was not calculated based on the calculations recommended by the method. Consequently, some %Ds were reported above 25%. The %Ds were recalculated by the data reviewer and reported accordingly.

HOLDING TIME

Samples were analyzed within 10 days of VTSR. Samples were preserved at pH <2 unit.

A daily tune analysis was performed by the laboratory. Consequently the 12-hour tune analysis was exceeded for all samples except sample PW04-05. Samples were analyzed from 1:21 to 4:11 hours beyond the 12-hour tune analysis, the frequency required by the CLP VOC SOW and also by SW-846 Method 8260B. However, these samples were analyzed using EPA Method 624, which only requires a tune "at the beginning of each day that analyses are to be performed." As the tune frequency was consistent with the requirements of the method, sample data were accepted since all other criteria met the requirements for the tune analysis.

CALIBRATION

All %RSDs were within the control limits. The "recalculated" %Ds were above 25% in the following continuing calibrations:

Compound	**CC 7-22-08 @ 10:15**	**CC 7-21-08 @ 8-:07**
Dichlorodifluoromethane	31.1	
Bromomethane	27.2	
Vinyl Chloride	29.2	
Acrolein	37.0	
Acrylonitrile	29.2	
Acetone	36.7	
Carbon disulfide	34.5	40.4
t-Butyl Alcohol	38.5	36.6
Methyl Acetate	40.0	
Samples AC38739-	009	All Samples Except 009

The reported sample results and non-detected values were qualified estimated (J and UJ).

The response factors for acrolein (0.035, 0.037, and 0.028), t-butyl alcohol (0.045, 0.028, and 0.046), and 1,4-dioxane (0.008, 0.005, 0.004, and 0.007) were below the data validation requirement of 0.05 in initial and continuing calibrations. These compounds are not considered as TCL compounds and they are known as low response factor compounds. Sample data were not qualified for acrolein and t-butyl alcohol since their Rf values were above "0.01" control limits recommended by the analysis method. However, the reported results and non-detected values for 1,4-dioxane were qualified in accordance with the Region II guidelines.

1,4-Dioxane was not detected in the samples. The reported non-detected values were contractually rejected "R".

BLANKS

The laboratory method blanks and trip blank were free of target compound. Field blank has methylene chloride (66 µg/L), chloroform (77 µg/L), and bromodichloromethane (20 µg/L) at relatively high levels. These compounds were not detected in field samples. Therefore, sample data was not impacted. A storage blank was not analyzed with this batch.

SURROGATE RECOVERIES

Samples were spiked with four surrogate compounds prior to analysis. The recoveries were within the control limits.

MATRIX SPIKE/SPIKE DUPLICATE ANALYSIS

Matrix spike/spike duplicate analysis was performed on samples AC38736-007 and AC 38765-002 from alternate batches for 31 specific volatile compounds. The percent recoveries and RPDs were with in the control limits with the exception of recoveries of 2-chloroethylvinylether (0.0%) in both sets of MS/MSD analyses. The laboratory case narrative indicated that this compound readily decomposes under acidic condition. This compound was not detected in the samples.

Four sets of MS/MSD were analyzed from this specific site and the analysis results were included in separate cover pages. The review of the four sets of QC samples indicated the similar problem. Therefore, it is the data reviewer's opinion that 2-chloroethylvinylether could not be recovered under this specific sampling/analysis procedure and the non-detected values should be considered estimated "UJ".

INTERNAL STANDARD

The recoveries and retention times were within the control limits.

FIELD DUPLICATE

Field duplicate analysis was not performed with this batch of samples. Four sets of field duplicate samples were collected from this site and the analysis results were reported under separate cover pages. The calculated RPDs indicated a satisfactory reproducibility.

SAMPLE RESULTS

All samples were analyzed at one-fold dilutions. Sample data were accepted with the applied qualifier codes.

SUMMARY

The cooler temperature (3.0°C) was reported and considered acceptable.

Up to 31 compounds were listed in the applied analysis method "EPA Test Method 624". However, up to 65 target compounds were reported in each sample. Please note that the analysis of some specific compounds such as acrolein and acrylonitrile were not recommended by this method.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating Organic analyses. The USEPA Region II Data Validation SOP # HW-6 Revision 14 (September 2006), modified as needed for the specific requirements the analytical used by the laboratory (EPA Method 624), was utilized to review the data completeness and data quality. The analysis problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

INORGANIC ANALYSIS

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38739
CASE NO.: 80711707

INTRODUCTION

This quality assurance review is based upon a review of all data generated from 11 ground water samples including one field blank, collected on July 15 and 16, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 17, 2008 and analyzed for ICP metals and mercury according to the EPA Methods 200.7 and 245.1 respectively.

The following samples are evaluated and included in this package review.

PW04-01	**PW04-07**
PW04-03	**PW04-05**
PW04-02	**PW06-01**
FBGW071608	**PW06-03**
PW04-04	**PW06-02**
PW04-06	

MS and MD analyses were performed on sample PW04-01.

The analysis data were reviewed in accordance with the following parameters and all problems encountered during the analysis were summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations & CRDL Analyses
- Blanks
- ICP Interference Check Sample
- Matrix Spike Analysis
- Matrix Duplicate Analysis
- Laboratory Control Sample Analysis
- ICP Serial Dilution Analysis
- Instrument Detection Limits
- Field Duplicate Results
- Sample Result

DATA COMPLETENESS

The method detection limits were not included in the data package. The laboratory was contacted. The tabulated IDLs were submitted by the laboratory. The IDLs for potassium, sodium, and mercury were not listed on the resubmission. The laboratory stated that this form is not required for the applied method.

The serial dilution outliers were not qualified with an "E" qualifier code. The laboratory stated that this code is applied solely to the CLP Method analysis.

The %Ds in the serial dilution sample was not calculated as recommended by the CLP Method. The %Ds was calculated for all detected and non-detected results reported on the raw data. Consequently, many %Ds were reported above 10%. The reporting format did not follow the CLP and the review of the data was very time consuming.

HOLDING TIME

Samples were digested and analyzed within the holding time requirements established in the corresponding methods.

CALIBRATIONS & CRDL ANALYSES

The recoveries were within the control limits in initial and continuing calibrations analyzed prior and after sample analysis for all metals. The CRDL sample analysis was not performed for ICP metals.

BLANKS

The preparation blanks, ICBs, CCBs, and field blank were free of target analytes at levels above the CRDLs.

ICP INTERFERENCE CHECK SAMPLE

The recoveries for ICSA and ICSB were within the control limit of 80-120% for ICP metals.

MATRIX SPIKE ANALYSIS

Matrix spike analysis was performed on the PW04-01. The recoveries were within the control limits of 75-125%.

MATRIX DUPLICATE ANALYSIS

Matrix duplicate analysis was performed on the above sample. The RPDs were within the control limits in all matrix duplicate analyses.

LABORATORY CONTROL SAMPLE

The recoveries were within the control limits in this analysis.

SERIAL DILUTION

This quality control sample was analyzed on sample PW04-01 for ICP metals. The reported % differences for all analytes were with the data validation control limits.

FIELD DUPLICATE ANALYSIS

A field duplicate was not analyzed for this batch. However, four field duplicate samples were collected for this site and analyses results were reported under separate cover pages. RPDs were within the control limits which indicated a satisfactory reproducibility.

SUMMARY

The cooler temperature (3.0°C) was within the acceptable limits. The reported sample data was considered acceptable.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating TAL metals. The USEPA Region II Data Validation SOP # HW-2, Revision 13 (September 2006) was utilized to review the data completeness and data quality. The analysis problems were discussed in the above section. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

1. **Appendix A- Glossary of Data Qualifier**
2. **Appendix B- Laboratory Form I, & Applied Qualifier Codes**
3. **Appendix C- Resubmission (if applicable)**

Appendix A
Glossary of Data Qualifiers

GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

U = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS. [Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]

R = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.

N = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICCATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

J = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.

UJ = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

Q = NO ANALYTICAL RESULT.

Appendix B
Laboratory Form I and Applied Qualifier Codes

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38739-001
Client Id: PW04-01
Data File: 8M29935.D
Analysis Date: 07/21/08 21:51
Date Rec/Extracted: 07/17/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	**1,1,1-Trichloroethane**	**1.0**	**2.5**
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	**1,1-Dichloroethane**	**1.0**	**1.1**
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89932

Total Target Concentration 3.6

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38739-002
Client Id: PW04-03
Data File: 8M29936.D
Analysis Date: 07/21/08 22:08
Date Rec/Extracted: 07/17/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 89932

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38739-003
Client Id: PW04-02
Data File: 8M29937.D
Analysis Date: 07/21/08 22:25
Date Rec/Extracted: 07/17/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89932

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38739-004
Client Id: FBGW071608
Data File: 8M29933.D
Analysis Date: 07/21/08 21:17
Date Rec/Extracted: 07/17/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	**Bromodichloromethane**	**1.0**	**20**
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	**Chloroform**	**1.0**	**77**
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	**Methylene Chloride**	**1.0**	**66**
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U
98-06-6	t-Butylbenzene	1.0	U UJ
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89932

Total Target Concentration 163

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38739-005
Client Id: PW04-04
Data File: 8M29938.D
Analysis Date: 07/21/08 22:42
Date Rec/Extracted: 07/17/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89932

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38739-006
Client Id: PW04-06
Data File: 8M29939.D
Analysis Date: 07/21/08 22:59
Date Rec/Extracted: 07/17/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**17**
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89932

Total Target Concentration 17

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38739-007
Client Id: TB071608
Data File: 8M29934.D
Analysis Date: 07/21/08 21:34
Date Rec/Extracted: 07/17/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	~~U~~ UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89932

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38739-008
Client Id: PW04-07
Data File: 8M29940.D
Analysis Date: 07/21/08 23:16
Date Rec/Extracted: 07/17/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	**1,1,1-Trichloroethane**	**1.0**	**2.5**	75-15-0	Carbon Disulfide	1.0	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	**1,1-Dichloroethane**	**1.0**	**1.0**	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 89932

Total Target Concentration 3.5

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38739-009
Client Id: PW04-05
Data File: 2M32992.D
Analysis Date: 07/22/08 15:56
Date Rec/Extracted: 07/17/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**96 J**
107-02-8	Acrolein	5.0	U UJ
107-13-1	Acrylonitrile	1.0	U UJ
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U UJ
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U UJ
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U UJ
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U UJ

Worksheet #: 89932

Total Target Concentration 96

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38739-010
Client Id: PW06-01
Data File: 8M29941.D
Analysis Date: 07/21/08 23:33
Date Rec/Extracted: 07/17/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89932

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38739-011
Client Id: PW06-03
Data File: 8M29942.D
Analysis Date: 07/21/08 23:50
Date Rec/Extracted: 07/17/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	**1,1,1-Trichloroethane**	**1.0**	**3.5**
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	**1,1-Dichloroethane**	**1.0**	**1.7**
75-35-4	**1,1-Dichloroethene**	**1.0**	**1.8**
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	~~U~~ UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	**Trichloroethene**	**1.0**	**2.6**
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89932

Total Target Concentration 9.6

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38739-012
Client Id: PW06-02
Data File: 8M29943.D
Analysis Date: 07/22/08 00:07
Date Rec/Extracted: 07/17/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	**1,1,1-Trichloroethane**	**1.0**	**4.2**
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	**1,1-Dichloroethane**	**1.0**	**7.2**
75-35-4	**1,1-Dichloroethene**	**1.0**	**2.3**
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U
67-64-1	**Acetone**	**5.0**	**20**
107-02-8	Acrolein	5.0	U
107-13-1	Acrylonitrile	1.0	U
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	U UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 89932

Total Target Concentration 33.7

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38739-001	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW04-01	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/17/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-38-2	Arsenic	4.0	5.1	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-39-3	Barium	25	120	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-70-2	Calcium	1000	12000	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7439-89-6	Iron	150	3300	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7439-95-4	Magnesium	1000	2300	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7439-96-5	Manganese	25	550	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9298	H9298A	14	CV	HGCV2
7440-02-0	Nickel	10	11	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-09-7	Potassium	2500	7500	.5	07/25/08	9298	A9298D2	13	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-23-5	Sodium	2500	42000	.5	07/25/08	9298	A9298D2	13	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/24/08	9298	A9324A2	31	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/24/08	9298	A9324A2	31	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38739-002	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW04-03	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/17/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-38-2	Arsenic	4.0	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-39-3	Barium	25	75	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-70-2	Calcium	1000	9600	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7439-89-6	Iron	150	220	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7439-95-4	Magnesium	1000	1500	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7439-96-5	Manganese	25	65	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9298	H9298A	29	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9298	A9298L2	14	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-23-5	Sodium	2500	25000	.5	07/28/08	9298	A9298L2	14	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/24/08	9298	A9324A2	52	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38739-003	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW04-02	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/17/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-38-2	Arsenic	4.0	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-39-3	Barium	25	85	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-70-2	Calcium	1000	13000	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7439-89-6	Iron	150	7100	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7439-95-4	Magnesium	1000	2800	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7439-96-5	Manganese	25	310	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9298	H9298A	30	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9298	A9298L2	15	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-23-5	Sodium	2500	38000	.5	07/28/08	9298	A9298L2	15	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/24/08	9298	A9324A2	53	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38739-004	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FBGW071608	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/17/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-38-2	Arsenic	4.0	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-39-3	Barium	25	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-70-2	Calcium	1000	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7439-89-6	Iron	150	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7439-95-4	Magnesium	1000	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7439-96-5	Manganese	25	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9298	H9298A	31	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9298	A9298L2	18	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-23-5	Sodium	2500	ND	.5	07/28/08	9298	A9298L2	18	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/24/08	9298	A9324A2	54	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38739-005	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW04-04	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/17/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	230	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-38-2	Arsenic	4.0	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-39-3	Barium	25	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-70-2	Calcium	1000	7100	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7439-89-6	Iron	150	650	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7439-95-4	Magnesium	1000	1200	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7439-96-5	Manganese	25	26	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9298	H9298A	32	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9298	A9298L2	19	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-23-5	Sodium	2500	39000	.5	07/28/08	9298	A9298L2	19	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/24/08	9298	A9324A2	55	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38739-006	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW04-06	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/17/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	1200	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-38-2	Arsenic	4.0	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-39-3	Barium	25	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-70-2	Calcium	1000	5200	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7439-89-6	Iron	150	4400	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7439-95-4	Magnesium	1000	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7439-96-5	Manganese	25	62	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9298	H9298A	35	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9298	A9298L2	20	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-23-5	Sodium	2500	36000	.5	07/28/08	9298	A9298L2	20	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/24/08	9298	A9324A2	56	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38739-008	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW04-07	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/17/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-38-2	Arsenic	4.0	ND	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-39-3	Barium	25	120	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-70-2	Calcium	1000	12000	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-48-4	Cobalt	10	15	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7439-89-6	Iron	150	4600	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7439-95-4	Magnesium	1000	2100	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7439-96-5	Manganese	25	490	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9298	H9298A	36	CV	HGCV2
7440-02-0	Nickel	10	13	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-09-7	Potassium	2500	8200	.5	07/28/08	9298	A9298L2	21	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-23-5	Sodium	2500	44000	.5	07/28/08	9298	A9298L2	21	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/24/08	9298	A9324A2	57	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/24/08	9298	A9324A2	57	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38739-009	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW04-05	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/17/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-38-2	Arsenic	4.0	6.7	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-39-3	Barium	25	35	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-70-2	Calcium	1000	12000	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7439-89-6	Iron	150	12000	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7439-95-4	Magnesium	1000	2000	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7439-96-5	Manganese	25	320	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7439-97-6	Mercury.	0.20	ND	1	07/25/08	9298	H9298A	37	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9298	A9298L2	22	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-23-5	Sodium	2500	35000	.5	07/28/08	9298	A9298L2	22	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/24/08	9298	A9324A2	58	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38739-010	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW06-01	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/17/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	740	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-38-2	Arsenic	4.0	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-39-3	Barium	25	35	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-70-2	Calcium	1000	9500	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7439-89-6	Iron	150	420	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7439-95-4	Magnesium	1000	1200	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7439-96-5	Manganese	25	310	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9298	H9298A	38	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-09-7	Potassium	2500	6000	.5	07/28/08	9298	A9298L2	23	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-23-5	Sodium	2500	23000	.5	07/28/08	9298	A9298L2	23	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/24/08	9298	A9324A2	61	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38739-011	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW06-03	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/17/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	220	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-38-2	Arsenic	4.0	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-39-3	Barium	25	83	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-70-2	Calcium	1000	15000	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7439-89-6	Iron	150	1200	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7439-95-4	Magnesium	1000	6200	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7439-96-5	Manganese	25	51	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9298	H9298A	39	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-09-7	Potassium	2500	ND	.5	07/28/08	9298	A9298L2	24	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-23-5	Sodium	2500	19000	.5	07/28/08	9298	A9298L2	24	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/24/08	9298	A9324A2	62	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38739-012	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW06-02	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/17/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	320	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-38-2	Arsenic	4.0	5.9	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-39-3	Barium	25	36	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-70-2	Calcium	1000	20000	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-47-3	Chromium	25	42	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-48-4	Cobalt	10	11	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7439-89-6	Iron	150	29000	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7439-95-4	Magnesium	1000	2700	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7439-96-5	Manganese	25	1800	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/25/08	9298	H9298A	40	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-09-7	Potassium	2500	4500	.5	07/28/08	9298	A9298L2	25	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-23-5	Sodium	2500	86000	.5	07/28/08	9298	A9298L2	25	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/24/08	9298	A9324A2	63	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/24/08	9298	A9324A2	63	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Appendix C
Support Documentation/Resubmission
If Applicable

MDL / RL SUMMARY
200.7
PE ICP 2

ELEMENT	MDL (mg/L)	Reporting Limits (mg/L)	IDL (mg/L)
AL	0.036082	0.2	0.00508
SB	0.003599	0.015	0.00217
AS	0.03478	0.008	0.0039
BA	0.00025	0.05	0.000131
BE	0.0000472	0.008	0.0000201
CD	0.00023	0.004	0.000327
CA	0.027025	2	0.0154
CR	0.000493	0.05	0.000268
CO	0.000445	0.02	0.000301
CU	0.0045251	0.05	0.00059
FE	0.01976	0.3	0.00396
PB	0.002245	0.01	0.00135
MG	0.032404	2	0.0302
MN	0.000204	0.05	0.000107
MO	0.000925	0.02	0.000571
NI	0.001021	0.02	0.000516
SE	0.010471	0.05	0.00825
AG	0.000315	0.02	0.000363
TL	0.005023	0.01	0.00269
SN	0.002302	0.05	0.00175
TI	0.000327	0.05	0.000115
V	0.00096	0.05	0.000942
ZN	0.007783	0.05	0.000858

Al,Cu analyzed on 11/7/07,Cd,Zn on 11/6,Ca on 11/9,Cr,Fe,Ti on 11/8,Co on 12/28, All the rest on 10/18/07

Analytical Assurance Associates, Inc.
600 Rock Raymond Road
Downingtown, PA 19335
Phone: 610 - 269 - 9989
Fax: 610 - 269 - 9989

ORGANIC & INORGANIC DATA VALIDATION REPORT

EARTH TECH
ANCHOR LITH KEM KO PROJECT

ANALYZED BY
HAMPTON-CLARKE VERITECH LABORATORY
LABORATORY CASE No.: 8071803

REVIEWED BY:
Analytical Assurance Associates (A^3)
600 Rock Raymond Road
Downingtown, PA 19335

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38771
CASE NO.: 8071803

INTRODUCTION

This quality assurance review is based upon a review of all data generated from seven groundwater samples including one trip blank, collected on 7-17-2008. Samples were received by Hampton-Clarke/Veritech laboratory on 7-18-2008 and analyzed for specific volatile organic compounds (VOCs) using EPA Method 624 following the criteria set forth in NYSDEC Category B.

The following samples are evaluated and included in this package review.

PW06-06	**TB071708**
PW06-04	**PW05-01**
PW06-05	**PW05-03**
PW06-07	

MS/MSD analysis was not performed on the above samples.

The analysis data were reviewed in accordance with the following parameters and all problems encountered during the analysis were summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations
- Blanks
- Surrogate Recoveries
- Internal Standards Recovery
- Matrix Spike/Spike Duplicate/Blank Spike Analyses
- Instrument Performance
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The reported data was summarized on similar CLP forms and considered acceptable.

The narrower ranges for percent abundance ratios in tune analysis were reported by laboratory for ions 50, 174, and 175. The data was not impacted since the reported abundance ratios were within the method recommended limits.

%Ds in continuing calibrations reported by the laboratory was not calculated based on the calculations recommended by the method. Consequently, some %Ds were above 25%. The %Ds were recalculated by the data reviewer and reported accordingly.

HOLDING TIME

Samples were analyzed within 10 days of VTSR. The laboratory case narrative stated that the samples were not preserved correctly. The review of the data showed that samples PW06-06 and PW-06-04 were preserved at pH = 4 unit. Sample data were accepted unqualified since this sample was analyzed within 7 days of collection and the cooler temperature was within the control limits.

A daily tune analysis was performed by the laboratory. Consequently the 12-hour tune analysis was exceeded for samples PW05-01 and PW05-03. These two samples were analyzed 21 and 37 minutes beyond the 12-hour tune analysis, the frequency required by the CLP VOC SOW and also by SW-846 Method 8260B. However, these samples were analyzed using EPA Method 624, which only requires a tune "at the beginning of each day that analyses are to be performed." As the tune frequency was consistent with the requirements of the method, sample data were accepted, since all other criteria met the requirements for the tune analysis.

CALIBRATION

The response factors for acrolein (0.035, 0.037, and 0.026), t-butyl alcohol (0.046, 0.028, and 0.040), and 1,4-dioxane (0.008, 0.005, 0.004, and 0.006) were below data validation requirement of 0.05 in initial and continuing calibrations. These compounds are not considered as TCL compounds and they are known as low response factor compounds. Sample data was not qualified for acrolein and t-butyl alcohol since their Rfs were above "0.01" control limits recommended by the method. However, the reported results and non-detected values for 1,4-dioxane were qualified in accordance with the Region II guidelines.

1,4-Dioxane was not detected in the samples. The reported non-detected values were contractually rejected "R".

All %RSDs were within the control limits with the exception of %RSD for carbon disulfide (31%) in initial calibration analyzed on 7-18-08. %RSD was recalculated using five calibration standards (1 ppb, 10 ppb, 20 ppb, 50 ppb, and 100 ppb). The RSD was within the control limit. Therefore, sample data was not qualified based on this outlier.

The "recalculated" %Ds were above 25% in the following continuing calibrations:

Compound	CC 7-22-08 @ 10:15	CC 7-23-08 @ 7:21
Dichlorodifluoromethane	31.1	
Bromomethane	27.2	
Vinyl Chloride	29.2	
Acrolein	37.0	25.7
Acrylonitrile	29.2	29.6
Acetone	36.7	34.0
Carbon disulfide	34.5	44.0
t-Butyl Alcohol	38.5	37.6
Methyl Acetate	40.0	34.6
2-Hexanone		31.7
Samples AC38771-	005	001
	006	002
	007	003
		004

The reported sample results and non-detected values were qualified estimated (J and UJ).

BLANKS

The laboratory method blanks and trip blank were free of target compounds. A storage blank was not analyzed with this batch.

SURROGATE RECOVERIES

Samples were spiked with four surrogate compounds prior to analysis. The recoveries were within the control limits.

MATRIX SPIKE/SPIKE DUPLICATE ANALYSIS

Matrix spike/spike duplicate analysis was performed on samples AC38736-005 and AC 38765-003 from alternate batches for 31 specific volatile compounds. The percent recoveries and RPDs were with in the control limits with the exception of recoveries for 2-chloroethylvinylether

(0.0%) in both sets of MS/MSD samples. The laboratory case narrative indicated that this compound readily decomposes under acidic condition.

Four sets of MS/MSDs were analyzed from this specific site and the analysis results were included in separate cover pages. The review of the four sets of QC samples indicated the similar problem. Therefore, it is the data reviewer's opinion that 2-chloroethylvinylether could not be recovered under this specific sampling/analysis procedures and the non-detected values should be considered estimated "UJ".

INTERNAL STANDARD

The recoveries and retention times were within the control limits.

FIELD DUPLICATE

Field duplicate analysis was not performed with this batch of samples. Four duplicate samples were collected from this site. The analysis results were reported under separate cover page.

SAMPLE RESULTS

All samples were analyzed at one-fold dilutions with the exception of sample PW06-07. This sample was reported at a 5-fold dilution. Sample data was accepted unqualified.

The target analyte peaks and standard peaks in the field sample chromatograms were suppressed by an intensive peak detected at RT = 4.85. This peak could not be identified since the TICs were not searched. Sample data was not qualified since the surrogates and internal standard recoveries were within the control limits.

Acetone was detected in three samples at relatively high levels. The method blank and trip blank were free of this target compound. The source of acetone in samples PW06-06, PW06-04 and PW06-05 should be investigated if this compound is not expected as a background contamination.

Note: The above samples were initially analyzed at 50-fold and 20-fold dilutions. However, the diluted samples were not reported.

SUMMARY

The cooler temperature (3.0°C) was reported and considered acceptable.

Up to 31 compounds were listed in the applied analysis method "EPA Test Method 624". However, 65 target compounds were reported in each sample. Please note that the analysis of some specific compounds such as acrolein and acrylonitrile were not recommended by this method.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating Organic analyses. The EPA Region II Data Validation SOP # HW-6 Revision 14 (September 2006), modified as needed for the specific requirements the analytical used by the laboratory (EPA Method 624), was utilized to review the data completeness and data quality. The analysis problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

INORGANIC ANALYSIS

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38771
CASE NO.: 8071803

INTRODUCTION

This quality assurance review is based upon a review of all data generated from six ground water samples, collected on July 17, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 18, 2008 and analyzed for ICP metals and mercury according to the EPA Methods 200.7 and 245.1 respectively.

The following samples are evaluated and included in this package review.

PW06-06
PW06-04
PW06-05
PW06-07
PW05-01
PW05-03

MS and MD analyses were not performed on these samples.

The analysis data were reviewed in accordance with the following parameters and all problems encountered during the analysis were summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations & CRDL Analyses
- Blanks
- ICP Interference Check Sample
- Matrix Spike Analysis
- Matrix Duplicate Analysis
- Laboratory Control Sample Analysis
- ICP Serial Dilution Analysis
- Instrument Detection Limits
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The method detection limits were not included in the data package. The laboratory was contacted. The tabulated IDLs were submitted by the laboratory. The IDLs for potassium, sodium, and mercury were not listed on the resubmission. The laboratory stated that this form is not required for the applied method.

The serial dilution outliers were not qualified with an "E" qualifier code. The laboratory stated that this code is applied solely to the CLP Method analysis.

The %Ds in the serial dilution sample was not calculated as recommended by the CLP Method. The %Ds was calculated for all detected and non-detected results reported on the raw data. Consequently, many %Ds were reported above 10%. The reporting format did not follow the CLP and the review of the data was very time consuming.

HOLDING TIME

Samples were digested and analyzed within the holding time requirements established in the corresponding methods.

CALIBRATIONS & CRDL ANALYSES

The recoveries were within the control limits in initial and continuing calibrations analyzed prior and after sample analysis for all metals. The CRDL sample analysis was not performed for ICP metals.

BLANKS

The preparation blanks, ICBs, and CCBs were free of target analytes at levels above the CRDLs.

ICP INTERFERENCE CHECK SAMPLE

The recoveries for ICSA and ICSB were within the control limit of 80-120% for ICP metals.

MATRIX SPIKE ANALYSIS

Matrix spike analysis was not performed on these samples. The results from other batch (AC38794-002) were included with this batch. The recoveries were within the control limits of 75-125%.

MATRIX DUPLICATE ANALYSIS

Matrix duplicate analysis was performed on the above sample. The RPDs were within the control limits in all matrix duplicate analyses.

Please note that four samples were collected from this site and assigned as QC samples (MS and MD) by the sampler. The analyses results were reported under separate cover pages. All recoveries were within the control limits.

LABORATORY CONTROL SAMPLE

The recoveries were within the control limits in this analysis.

SERIAL DILUTION

This quality control sample was analyzed on sample from the other batch (AC38794-002) for ICP metals. The reported % differences for all analytes were with the data validation control limits.

FIELD DUPLICATE ANALYSIS

A field duplicate was not analyzed for this batch. However, four field duplicate samples were collected for this site and the analyses results were reported under separate cover pages. RPDs were within the control limits which indicated a satisfactory reproducibility.

SUMMARY

The cooler temperature (3.0 °C) was within the acceptable limits. The reported sample data are considered acceptable.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating TAL metals. The USEPA Region II Data Validation SOP # HW-2, Revision 13 (September 2006) was utilized to review the data completeness and data quality. The analysis problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

1. **Appendix A- Glossary of Data Qualifier**
2. **Appendix B- Laboratory Form I, & Applied Qualifier Codes**
3. **Appendix C- Resubmission (if applicable)**

Appendix A
Glossary of Data Qualifiers

GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

U = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS. [Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]

R = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.

N = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICCATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

J = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.

UJ = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

Q = NO ANALYTICAL RESULT.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38771-001
Client Id: PW06-06
Data File: 8M30043.D
Analysis Date: 07/23/08 11:09
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	~~U~~ UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	~~U~~
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	~~U~~ UJ
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	**2-Butanone**	**1.0**	**42** /	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	~~U~~ UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	~~U~~ UJ	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	~~U~~ UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	**Acetone**	**5.0**	**360** / J	**127-18-4**	**Tetrachloroethene**	**1.0**	**1.1**
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U UJ	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	~~U~~
74-83-9	Bromomethane	1.0	U				

Worksheet #: 90152

Total Target Concentration 403.1

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38771-002
Client Id: PW06-04
Data File: 8M30042.D
Analysis Date: 07/23/08 10:52
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	**67-66-3**	**Chloroform**	**1.0**	**2.3**
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U UJ
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	**2-Butanone**	**1.0**	**64**	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U UJ	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	**Acetone**	**5.0**	**300** J	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U UJ	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 90152

Total Target Concentration 366.3

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38771-003
Client Id: PW06-05
Data File: 8M30041.D
Analysis Date: 07/23/08 10:35
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U UJ
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	**2-Butanone**	**1.0**	**31** ✓	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U UJ	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	**Acetone**	**5.0**	**320** ✓ J	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U UJ	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 90152

Total Target Concentration 351

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38771-004(5X)
Client Id: PW06-07
Data File: 8M30044.D
Analysis Date: 07/23/08 11:30
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 5
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	75-15-0	Carbon Disulfide	5.0	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U	110-82-7	Cyclohexane	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U	124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	5.0	U	75-71-8	Dichlorodifluoromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U	100-41-4	Ethylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U	98-82-8	Isopropylbenzene	5.0	U
107-06-2	1,2-Dichloroethane	2.5	U	1330-20-7	m&p-Xylenes	10	U
78-87-5	1,2-Dichloropropane	5.0	U	79-20-9	Methyl Acetate	5.0	U UJ
108-67-8	1,3,5-Trimethylbenzene	5.0	U	108-87-2	Methylcyclohexane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U	75-09-2	Methylene Chloride	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U	1634-04-4	Methyl-t-butyl ether	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U	104-51-8	n-Butylbenzene	5.0	U
123-91-1	1,4-Dioxane	250	~~U~~ R	103-65-1	n-Propylbenzene	5.0	U
78-93-3	2-Butanone	5.0	~~U~~	95-47-6	o-Xylene	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U UJ	135-98-8	sec-Butylbenzene	5.0	U
591-78-6	2-Hexanone	5.0	U UJ	100-42-5	Styrene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U	75-65-0	t-Butyl Alcohol	25	U UJ
108-10-1	4-Methyl-2-Pentanone	5.0	U	98-06-6	t-Butylbenzene	5.0	U
67-64-1	Acetone	25	U UJ	**127-18-4**	**Tetrachloroethene**	**5.0**	**130**
107-02-8	Acrolein	25	U UJ	108-88-3	Toluene	5.0	U
107-13-1	Acrylonitrile	5.0	U UJ	156-60-5	trans-1,2-Dichloroethene	5.0	U
71-43-2	Benzene	2.5	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-97-5	Bromochloromethane	5.0	U	79-01-6	Trichloroethene	5.0	U
75-27-4	Bromodichloromethane	5.0	U	75-69-4	Trichlorofluoromethane	5.0	U
75-25-2	Bromoform	5.0	U	75-01-4	Vinyl Chloride	5.0	U
74-83-9	Bromomethane	5.0	U				

Worksheet #: 90152

Total Target Concentration 130

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38771-005
Client Id: TB071708
Data File: 2M33008.D
Analysis Date: 07/22/08 20:28
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U UJ
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U UJ
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U UJ	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U UJ	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U UJ
74-83-9	Bromomethane	1.0	U UJ				

Worksheet #: 90152

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38771-006
Client Id: PW05-01
Data File: 2M33011.D
Analysis Date: 07/22/08 21:18
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U UJ
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U UJ
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	~~U~~ UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U UJ
67-64-1	Acetone	5.0	U UJ	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U UJ	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U UJ
74-83-9	Bromomethane	1.0	U UJ				

Worksheet #: 90152

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38771-007
Client Id: PW05-03
Data File: 2M33012.D
Analysis Date: 07/22/08 21:34
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U UJ
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U UJ
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U UJ
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U UJ	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U UJ	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U UJ
74-83-9	Bromomethane	1.0	U UJ				

Worksheet #: 90152

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38771-001	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW06-06	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/18/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	1300	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-38-2	Arsenic	4.0	9.3	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-39-3	Barium	25	120	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-70-2	Calcium	1000	23000	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-48-4	Cobalt	10	160	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7439-89-6	Iron	150	51000	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7439-95-4	Magnesium	1000	7400	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7439-96-5	Manganese	25	710	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/24/08	9307	H9307A	20	CV	HGCV2
7440-02-0	Nickel	10	87	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-09-7	Potassium	2500	12000	0.5	07/28/08	9307	A9307C2	23	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-23-5	Sodium	2500	65000	0.5	07/28/08	9307	A9307C2	23	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/25/08	9307	A9307A2	24	P	PEICP2
7440-66-6	Zinc	25	470	0.5	07/25/08	9307	A9307A2	24	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38771-002	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW06-04	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/18/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	2500	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-38-2	Arsenic	4.0	5.8	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-39-3	Barium	25	160	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-70-2	Calcium	1000	33000	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-47-3	Chromium	25	160	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-48-4	Cobalt	10	71	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7439-89-6	Iron	150	110000	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7439-95-4	Magnesium	1000	8600	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7439-96-5	Manganese	25	1500	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/24/08	9307	H9307A	23	CV	HGCV2
7440-02-0	Nickel	10	91	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-09-7	Potassium	2500	10000	0.5	07/28/08	9307	A9307C2	24	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-23-5	Sodium	2500	150000	0.5	07/28/08	9307	A9307C2	24	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/25/08	9307	A9307A2	25	P	PEICP2
7440-66-6	Zinc	25	330	0.5	07/25/08	9307	A9307A2	25	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38771-003	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW06-05	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/18/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	1000	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-38-2	Arsenic	4.0	5.6	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-39-3	Barium	25	150	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-70-2	Calcium	1000	24000	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-48-4	Cobalt	10	49	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7439-89-6	Iron	150	34000	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7439-95-4	Magnesium	1000	6900	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7439-96-5	Manganese	25	590	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/24/08	9307	H9307A	24	CV	HGCV2
7440-02-0	Nickel	10	49	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-09-7	Potassium	2500	10000	0.5	07/28/08	9307	A9307C2	25	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-23-5	Sodium	2500	91000	0.5	07/28/08	9307	A9307C2	25	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/25/08	9307	A9307A2	26	P	PEICP2
7440-66-6	Zinc	25	200	0.5	07/25/08	9307	A9307A2	26	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38771-004	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW06-07	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/18/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	1400	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-38-2	Arsenic	4.0	ND	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-39-3	Barium	25	44	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-70-2	Calcium	1000	12000	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-48-4	Cobalt	10	15	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7439-89-6	Iron	150	6100	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7439-95-4	Magnesium	1000	3900	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7439-96-5	Manganese	25	120	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/24/08	9307	H9307A	25	CV	HGCV2
7440-02-0	Nickel	10	12	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-09-7	Potassium	2500	2900	0.5	07/28/08	9307	A9307C2	30	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-23-5	Sodium	2500	38000	0.5	07/28/08	9307	A9307C2	30	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/25/08	9307	A9307A2	31	P	PEICP2
7440-66-6	Zinc	25	42	0.5	07/25/08	9307	A9307A2	31	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38771-006	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW05-01	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/18/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	140	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-38-2	Arsenic	4.0	ND	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-39-3	Barium	25	36	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-70-2	Calcium	1000	17000	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-48-4	Cobalt	10	22	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7439-89-6	Iron	150	6400	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7439-95-4	Magnesium	1000	4300	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7439-96-5	Manganese	25	790	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/24/08	9307	H9307A	26	CV	HGCV2
7440-02-0	Nickel	10	15	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	07/28/08	9307	A9307C2	31	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-23-5	Sodium	2500	16000	0.5	07/28/08	9307	A9307C2	31	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/25/08	9307	A9307A2	32	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/25/08	9307	A9307A2	32	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38771-007	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW05-03	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/18/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	260	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-38-2	Arsenic	4.0	5.4	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-39-3	Barium	25	43	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-70-2	Calcium	1000	11000	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7439-89-6	Iron	150	29000	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7439-95-4	Magnesium	1000	2000	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7439-96-5	Manganese	25	1800	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/24/08	9307	H9307A	27	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	07/28/08	9307	A9307C2	32	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-23-5	Sodium	2500	38000	0.5	07/28/08	9307	A9307C2	32	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/25/08	9307	A9307A2	33	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/25/08	9307	A9307A2	33	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Appendix B
Laboratory Form I and Applied Qualifier Codes

MDL / RL SUMMARY
200.7
PE ICP 2

ELEMENT	MDL (mg/L)	Reporting Limits (mg/L)	IDL (mg/L)
AL	0.036082	0.2	0.00508
SB	0.003599	0.015	0.00217
AS	0.03478	0.008	0.0039
BA	0.00025	0.05	0.000131
BE	0.0000472	0.008	0.0000201
CD	0.00023	0.004	0.000327
CA	0.027025	2	0.0154
CR	0.000493	0.05	0.000268
CO	0.000445	0.02	0.000301
CU	0.0045251	0.05	0.00059
FE	0.01976	0.3	0.00396
PB	0.002245	0.01	0.00135
MG	0.032404	2	0.0302
MN	0.000204	0.05	0.000107
MO	0.000925	0.02	0.000571
NI	0.001021	0.02	0.000516
SE	0.010471	0.05	0.00825
AG	0.000315	0.02	0.000363
TL	0.005023	0.01	0.00269
SN	0.002302	0.05	0.00175
TI	0.000327	0.05	0.000115
V	0.00096	0.05	0.000942
ZN	0.007783	0.05	0.000858

Al,Cu analyzed on 11/7/07,Cd,Zn on 11/6,Ca on 11/9,Cr,Fe,Ti on 11/8,Co on 12/28, All the rest on 10/18/07

Appendix C
Support Documentation/Resubmission
If Applicable

Analytical Assurance Associates, Inc.
600 Rock Raymond Road
Downingtown, PA 19335
Phone: 610 - 269 - 9989
Fax: 610 - 269 - 9989

ORGANIC & INORGANIC DATA VALIDATION REPORT

EARTH TECH
ANCHOR LITH KEM KO PROJECT

ANALYZED BY
HAMPTON-CLARKE VERITECH LABORATORY
LABORATORY CASE No.: 8071826

REVIEWED BY:
Analytical Assurance Associates (A^3)
600 Rock Raymond Road
Downingtown, PA 19335

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38794
CASE NO.: 8071826

INTRODUCTION

This quality assurance review is based upon a review of all data generated from seven (7) groundwater samples including one field duplicate and one trip blank, collected on 7-18-2008. Samples were received by Hampton-Clarke/Veritech laboratory on 7-18-2008 and analyzed for specific volatile organic compounds (VOCs) using EPA Method 624 following the criteria set forth in NYSDEC Category B.

The following samples are evaluated and included in this package review.

PW05-02	**PW05-05**
PW05-04	**PW05-06**
PW05-54	**TB071808**
PW05-07	

MS/MSD analysis was performed on sample PW05-04 from this batch.

The reported analytical data for the above samples were evaluated in accordance with the following parameters and summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations
- Blanks
- Surrogate Recoveries
- Internal Standards Recovery
- Matrix Spike/Spike Duplicate/Blank Spike Analyses
- Instrument Performance
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The reported data was summarized on similar CLP forms and considered acceptable.

The narrower ranges for percent abundance ratios in tune analysis were reported by laboratory for ions 50, 174, and 175. The data was not impacted since the reported abundance ratios were within the method recommended limits.

%Ds in continuing calibrations reported by the laboratory was not calculated based on the calculations recommended by the method. Consequently some %Ds were above 25%. The %Ds were recalculated by the data reviewer and reported accordingly.

HOLDING TIME

Samples were analyzed within 10-day from the VTSR. The laboratory stated that "sample was preserved incorrectly." The review of the data showed that sample PW05-07 was preserved at pH=4 unit. Sample data was accepted unqualified since it was analyzed within 7 days off collection and the cooler temperature was within the control limits.

A daily tune analysis was performed by the laboratory. Consequently the 12-hour tune analysis was exceeded for all samples except sample PW05-02. Samples were analyzed from 15 minutes to 2:48 hours beyond the 12-hour tune analysis, the frequency required by the CLP VOC SOW and also by SW-846 Method 8260B. However, these samples were analyzed using EPA Method 624, which only requires a tune "at the beginning of each day that analyses are to be performed." As the tune frequency was consistent with the requirements of the method, sample data were accepted, since all other criteria met the requirements for the tune analysis.

CALIBRATION

The response factors for acrolein (0.035 & 0.024), t-butyl alcohol (0.036), and 1,4-dioxane (0.008 & 0.006) were below data validation requirement of 0.05 in the initial and continuing calibrations. These compounds are not considered as TCL compounds and they are known as low response factor compounds. Sample data was not qualified for acrolein and t-butyl alcohol since their Rf values were above "0.01" control limits recommended by the method. However, the reported sample results and non-detected values for 1,4-dioxane were qualified in accordance with the Region II guidelines.

1,4-Dioxane was not detected in the samples. The reported non-detected values were contractually rejected "R".

All %RSDs were within the control limits with the exception of bromomethane (31%), carbon disulfide (31%), and tetrachloroethene (32%). Sample data were not qualified based on these

outliers since the correlation coefficients were within 0.995 which considered acceptable.

The "recalculated" %Ds were above 25% in the following continuing calibrations:

Compound	CC 7-22-08 @ 7:24
Acrolein	31.4
Acrylonitrile	33.1
Acetone	26
Carbon disulfide	37.3
t-Butyl Alcohol	49.2
Methyl Acetate	49.6
2-Chloroethylvinylether	27.4
2-Hexanone	38.5
4-Methyl 2-pentanone	41.3
Samples	All

The reported sample results and non-detected values were qualified estimated (J & UJ).

BLANKS

The laboratory method blanks and trip blank were free of target compounds. A storage blank was not analyzed with this batch.

SURROGATE RECOVERIES

Samples were spiked with four surrogate compounds prior to analysis. The recoveries were within the control limits.

MATRIX SPIKE/SPIKE DUPLICATE ANALYSIS

Matrix spike/spike duplicate analysis was performed on sample PW05-04 from this batch. The recoveries and RPDs were with in the control limits with the exception of percent recoveries for 2-chloroethylvinylether (0.0%) in both MS & MSD samples. The laboratory case narrative indicated that this compound readily decomposes under acidic condition. This compound was not detected in the samples. Therefore, the non-detected values were qualified estimated "UJ" since the recoveries were within the control limits in blank spike samples. The matrix interference is expected.

INTERNAL STANDARD

The recoveries and retention times were within the control limits.

FIELD DUPLICATE

Field duplicate analysis was performed on samples PW05-04 and PW05-54. Target compounds were not detected in these two samples with the exception of tetrachloroethene in the field sample PW5-04 (1.8 µg/L). The reported sample data was not impacted since the field sample result was below 2x the reporting limits.

SAMPLE RESULTS

All samples were analyzed at one-fold dilutions.

Low mass peaks were detected in tetrachloroethene GC/MS spectra for all reported results which indicated a possible contamination. The reported results for this compound were accepted without the qualifier codes since major peaks were not obscured and the main peaks were identified correctly.

SUMMARY

The cooler temperature (3.1°C) was reported and considered acceptable.

Up to thirty-one (31) compounds were listed in the applied analysis method "EPA Test Method 624". However, up to 65 target compounds were reported in each sample. Please note that the analysis of some specific compounds such as acrolein and acrylonitrile were not recommended by this method.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating Organic analyses. The USEPS Region II Data Validation SOP # HW-6 Revision 14, (September 2006), modified as needed for the specific requirements the analytical used by the laboratory (EPA Method 624), was utilized to review the data completeness and data quality. The analysis problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

INORGANIC ANALYSIS

EARTH TECH
ANCHOR LITH KEM KO PROJECT
LABORATORY ID: AC38794
CASE NO.: 8071826

INTRODUCTION

This quality assurance review is based upon a review of all data generated from six ground water samples including one set of field duplicate, collected on July 18, 2008. Samples were received by Hampton-Clarke/Veritech laboratory on July 18, 2008 and analyzed for ICP Metals and mercury according to the EPA Methods 200.7 and 245.1, respectively.

The following samples are evaluated and included in this package review.

PW05-02	**PW05-07**
PW05-04	**PW05-05**
PW05-54	**PW05-06**

MS and MD analyses were performed on sample PW05-04 from this batch.

The analysis data were reviewed in accordance with the following parameters and all problems encountered during the analysis were summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations & CRDL Analyses
- Blanks
- ICP Interference Check Sample
- Matrix Spike Analysis
- Matrix Duplicate Analysis
- Laboratory Control Sample Analysis
- ICP Serial Dilution Analysis
- Instrument Detection Limits
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The method detection limits were not included in the data package. The laboratory was contacted. The tabulated IDLs were submitted by the laboratory. The IDLs for potassium, sodium, and mercury were not listed on the resubmission. The laboratory stated that this form is not required for the applied method.

The serial dilution outliers were not qualified with an "E" qualifier code. The laboratory stated that this code is applied solely to the CLP Method analysis.

The %Ds in the serial dilution sample was not calculated as recommended by the CLP Method. The %Ds was calculated for all detected and non-detected results reported on the raw data. Consequently, many %Ds were reported above 10%. The reporting format did not follow the CLP and the review of the data was very time consuming.

HOLDING TIME

Samples were digested and analyzed within the holding time requirements established in the corresponding methods.

CALIBRATIONS & CRDL ANALYSES

The recoveries were within the control limits in initial and continuing calibrations analyzed prior and after sample analysis for all metals. The CRDL sample analysis was not performed for ICP metals.

BLANKS

The preparation blanks, ICBs, and CCBs were free of target analytes at levels above the CRDLs.

ICP INTERFERENCE CHECK SAMPLE

The recoveries for ICSA and ICSB were within the control limit of 80-120% for ICP metals.

MATRIX SPIKE ANALYSIS

Matrix spike analysis was performed on sample PW05-04. The recoveries were within 75-125% control limits with the exception of Mn (175%). Sample data were not impacted since the field sample result was above four times (4x) the amount of spike added to this QC sample.

MATRIX DUPLICATE ANALYSIS

Matrix duplicate analysis was performed on the above sample. The RPDs were within the control limits for ground water samples.

LABORATORY CONTROL SAMPLE

The recoveries were within the control limits in this analysis.

SERIAL DILUTION

This quality control sample was analyzed on sample PW05-04 for ICP metals. The % Differences for Al (59%) and K (16%) were above 10%. Sample data were not impacted since the results in the field sample and the corresponding serial dilution sample were below 50 times the corresponding MDL and reporting limits respectively.

FIELD DUPLICATE ANALYSIS

Field duplicate was analyzed on the sample PW05-04 and PW05-54. The results and RPDs were listed on Table I. The reproducibility is satisfactory.

SUMMARY

The cooler temperature (3.1 °C) was within the acceptable limits. The reported sample data are considered acceptable.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating TAL metals. The USEPA Region II Data Validation SOP # HW-2, Revision 13, (September 2006) was utilized to review the data completeness and data quality. The analysis problems were discussed in the above section. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

Sincerely,

Zohreh Hamid, Ph.D
Analytical Assurance Associates

Table I

Field Duplicate Precision
Laboratory Project No.: 8071826

Analyte	Field Sample PW05-4	Field Dup PW05-54	RPD
Aluminum	350	320	9
Antimony			
Arsenic	6	5.3	12
Barium	32	30	6
Beryllium			
Cadmium			
Calcium	15000	14000	7
Chromium			
Cobalt			
Copper			
Iron	22000	22000	0
Lead			
Magnesium	1800	1800	0
Manganese	3600	3600	0
Mercury			
Nickel			
Potassium			
Selenium			
Silver			
Sodium	36000	35000	3
Thallium			
Vanadium			
Zinc			

The reported RPDs were within the control limits.

1. **Appendix A- Glossary of Data Qualifier**
2. **Appendix B- Laboratory Form I, & Applied Qualifier Codes**
3. **Appendix C- Resubmission (if applicable)**

Appendix A
Glossary of Data Qualifiers

GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

U = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS. [Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]

R = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.

N = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICCATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

J = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.

UJ = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

Q = NO ANALYTICAL RESULT.

Appendix B
Laboratory Form I and Applied Qualifier Codes

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38794-001
Client Id: PW05-02
Data File: 8M29997.D
Analysis Date: 07/22/08 19:05
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	~~1.0~~	~~U~~ UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	~~U~~ UJ
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	~~U~~ UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	~~U~~ UJ	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	~~U~~ UJ
108-10-1	4-Methyl-2-Pentanone	1.0	~~U~~ UJ	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	~~U~~ UJ	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	~~U~~ UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	~~U~~ UJ	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 90188

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38794-002
Client Id: PW05-04
Data File: 8M29998.D
Analysis Date: 07/22/08 19:22
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	~~U~~ UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	~~U~~ UJ
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	~~U~~ UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	~~U~~ UJ	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	~~U~~ UJ
108-10-1	4-Methyl-2-Pentanone	1.0	~~U~~ UJ	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	~~U~~ UJ	**127-18-4**	**Tetrachloroethene**	**1.0**	✓ **1.8**
107-02-8	Acrolein	5.0	~~U~~ UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	~~U~~ UJ	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 90188

Total Target Concentration 1.8

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38794-005
Client Id: PW05-54
Data File: 8M30001.D
Analysis Date: 07/22/08 20:13
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	~~U~~ UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	~~U~~ UJ
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	~~U~~ UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	~~U~~ UJ	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	~~U~~ UJ
108-10-1	4-Methyl-2-Pentanone	1.0	~~U~~ UJ	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	~~U~~ UJ	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	~~U~~ UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	~~U~~ UJ	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 90188

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38794-006
Client Id: PW05-07
Data File: 8M30002.D
Analysis Date: 07/22/08 20:30
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	U R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U UJ
591-78-6	2-Hexanone	1.0	U UJ
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U UJ
67-64-1	**Acetone**	**5.0**	✓ **94** J
107-02-8	Acrolein	5.0	U UJ
107-13-1	Acrylonitrile	1.0	U UJ
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	U UJ
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	**t-Butyl Alcohol**	**5.0**	✓ **14** J
98-06-6	t-Butylbenzene	1.0	U
127-18-4	**Tetrachloroethene**	**1.0**	✓ **1.4**
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 90188

Total Target Concentration 109.4

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38794-007
Client Id: PW05-05
Data File: 8M30003.D
Analysis Date: 07/22/08 20:47
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	~~U~~ UJ
591-78-6	2-Hexanone	1.0	~~U~~ UJ
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	~~U~~ UJ
67-64-1	Acetone	5.0	~~U~~ UJ
107-02-8	Acrolein	5.0	~~U~~ UJ
107-13-1	Acrylonitrile	1.0	~~U~~ UJ
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
75-15-0	Carbon Disulfide	1.0	~~U~~ UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	~~U~~ UJ
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	t-Butyl Alcohol	5.0	~~U~~ UJ
98-06-6	t-Butylbenzene	1.0	U
127-18-4	**Tetrachloroethene**	**1.0**	✓**1.2**
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 90188

Total Target Concentration 1.2

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38794-008
Client Id: PW05-06
Data File: 8M30004.D
Analysis Date: 07/22/08 21:04
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ R
78-93-3	2-Butanone	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	~~U~~ UJ
591-78-6	**2-Hexanone**	**1.0**	✓ **16** J
99-87-6	4-Isopropyltoluene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	~~U~~ UJ
67-64-1	**Acetone**	**5.0**	✓**130** J
107-02-8	Acrolein	5.0	U UJ
107-13-1	Acrylonitrile	1.0	U UJ
71-43-2	Benzene	0.50	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U

Cas #	Compound	RL	Conc
75-15-0	Carbon Disulfide	1.0	U UJ
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
100-41-4	Ethylbenzene	1.0	U
98-82-8	Isopropylbenzene	1.0	U
1330-20-7	m&p-Xylenes	2.0	U
79-20-9	Methyl Acetate	1.0	~~U~~ UJ
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene Chloride	1.0	U
1634-04-4	Methyl-t-butyl ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-47-6	o-Xylene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
100-42-5	Styrene	1.0	U
75-65-0	**t-Butyl Alcohol**	**5.0**	✓ ~~16~~ J
98-06-6	t-Butylbenzene	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 90188

Total Target Concentration 162

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC38794-009
Client Id: TB071808
Data File: 8M30007.D
Analysis Date: 07/22/08 21:55
Date Rec/Extracted: 07/18/08-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	~~U~~ UJ
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	1330-20-7	m&p-Xylenes	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	~~U~~ UJ
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ R	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	~~U~~ UJ	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	~~U~~ UJ	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	~~U~~ UJ
108-10-1	4-Methyl-2-Pentanone	1.0	~~U~~ UJ	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	~~U~~ UJ	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	~~U~~ UJ	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	~~U~~ UJ	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 90188

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38794-001	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW05-02	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/19/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-38-2	Arsenic	4.0	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-39-3	Barium	25	77	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-70-2	Calcium	1000	18000	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7439-89-6	Iron	150	8500	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7439-95-4	Magnesium	1000	3500	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7439-96-5	Manganese	25	460	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/24/08	9307	H9307A	28	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	07/28/08	9307	A9307C2	33	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-23-5	Sodium	2500	57000	0.5	07/28/08	9307	A9307C2	33	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/25/08	9307	A9307A2	34	P	PEICP2
7440-66-6	Zinc	25	26	0.5	07/25/08	9307	A9307A2	34	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38794-002	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW05-04	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/19/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	350	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-38-2	Arsenic	4.0	6.0	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-39-3	Barium	25	32	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-70-2	Calcium	1000	15000	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7439-89-6	Iron	150	22000	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7439-95-4	Magnesium	1000	1800	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7439-96-5	Manganese	25	3600	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/24/08	9307	H9307A	14	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	07/28/08	9307	A9307C2	13	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-23-5	Sodium	2500	36000	0.5	07/28/08	9307	A9307C2	13	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/25/08	9307	A9307A2	14	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/25/08	9307	A9307A2	14	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38794-005	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW05-54	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/19/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	320	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-38-2	Arsenic	4.0	5.3	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-39-3	Barium	25	30	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-70-2	Calcium	1000	14000	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7439-89-6	Iron	150	22000	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7439-95-4	Magnesium	1000	1800	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7439-96-5	Manganese	25	3600	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/24/08	9307	H9307A	29	CV	HGCV2
7440-02-0	Nickel	10	ND	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	07/28/08	9307	A9307C2	34	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-23-5	Sodium	2500	35000	0.5	07/28/08	9307	A9307C2	34	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/25/08	9307	A9307A2	35	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	07/25/08	9307	A9307A2	35	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38794-006	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW05-07	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/19/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	500	78000	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-36-0	Antimony	38	ND	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-38-2	Arsenic	20	280	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-39-3	Barium	120	720	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-41-7	Beryllium	20	ND	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-43-9	Cadmium	10	ND	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-70-2	Calcium	5000	34000	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-47-3	Chromium	120	400	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-48-4	Cobalt	50	300	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-50-8	Copper	120	660	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7439-89-6	Iron	750	230000	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7439-92-1	Lead	25	290	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7439-95-4	Magnesium	5000	9400	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7439-96-5	Manganese	120	470	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7439-97-6	Mercury	0.20	0.66	1	07/24/08	9307	H9307A	30	CV	HGCV2
7440-02-0	Nickel	50	390	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-09-7	Potassium	12000	14000	2.5	07/28/08	9307	A9307C2	35	P	PEICPRAD2
7782-49-2	Selenium	120	ND	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-22-4	Silver	50	ND	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-23-5	Sodium	12000	190000	2.5	07/28/08	9307	A9307C2	35	P	PEICPRAD2
7440-28-0	Thallium	25	ND	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-62-2	Vanadium	120	540	2.5	07/25/08	9307	A9307A2	36	P	PEICP2
7440-66-6	Zinc	120	1100	2.5	07/25/08	9307	A9307A2	36	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38794-007	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW05-05	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/19/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	1900	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-38-2	Arsenic	4.0	5.5	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-39-3	Barium	25	63	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-70-2	Calcium	1000	8700	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-48-4	Cobalt	10	18	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-50-8	Copper	25	ND	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7439-89-6	Iron	150	4800	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7439-95-4	Magnesium	1000	1300	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7439-96-5	Manganese	25	4800	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	07/24/08	9307	H9307A	31	CV	HGCV2
7440-02-0	Nickel	10	120	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	07/28/08	9307	A9307C2	36	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-22-4	Silver	10	ND	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-23-5	Sodium	2500	29000	0.5	07/28/08	9307	A9307C2	36	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	07/25/08	9307	A9307A2	37	P	PEICP2
7440-66-6	Zinc	25	27	0.5	07/25/08	9307	A9307A2	37	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC38794-008	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PW05-06	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/19/2008	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	500	150000	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-36-0	Antimony	38	ND	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-38-2	Arsenic	20	170	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-39-3	Barium	120	1600	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-41-7	Beryllium	20	ND	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-43-9	Cadmium	10	ND	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-70-2	Calcium	5000	35000	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-47-3	Chromium	120	440	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-48-4	Cobalt	50	430	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-50-8	Copper	120	810	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7439-89-6	Iron	750	99000	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7439-92-1	Lead	25	400	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7439-95-4	Magnesium	5000	13000	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7439-96-5	Manganese	120	350	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7439-97-6	Mercury	0.20	0.58	1	07/24/08	9307	H9307A	32	CV	HGCV2
7440-02-0	Nickel	50	490	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-09-7	Potassium	12000	17000	2.5	07/28/08	9307	A9307C2	37	P	PEICPRAD2
7782-49-2	Selenium	120	ND	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-22-4	Silver	50	ND	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-23-5	Sodium	12000	160000	2.5	07/28/08	9307	A9307C2	37	P	PEICPRAD2
7440-28-0	Thallium	25	ND	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-62-2	Vanadium	120	640	2.5	07/25/08	9307	A9307A2	38	P	PEICP2
7440-66-6	Zinc	120	620	2.5	07/25/08	9307	A9307A2	38	P	PEICP2

Comments: _____

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MS - ICP-MS

Appendix C
Support Documentation/Resubmission
If Applicable

MDL / RL SUMMARY
200.7
PE ICP 2

ELEMENT	MDL (mg/L)	Reporting Limits (mg/L)	IDL (mg/L)
AL	0.036082	0.2	0.00508
SB	0.003599	0.015	0.00217
AS	0.03478	0.008	0.0039
BA	0.00025	0.05	0.000131
BE	0.0000472	0.008	0.0000201
CD	0.00023	0.004	0.000327
CA	0.027025	2	0.0154
CR	0.000493	0.05	0.000268
CO	0.000445	0.02	0.000301
CU	0.0045251	0.05	0.00059
FE	0.01976	0.3	0.00396
PB	0.002245	0.01	0.00135
MG	0.032404	2	0.0302
MN	0.000204	0.05	0.000107
MO	0.000925	0.02	0.000571
NI	0.001021	0.02	0.000516
SE	0.010471	0.05	0.00825
AG	0.000315	0.02	0.000363
TL	0.005023	0.01	0.00269
SN	0.002302	0.05	0.00175
TI	0.000327	0.05	0.000115
V	0.00096	0.05	0.000942
ZN	0.007783	0.05	0.000858

Al,Cu analyzed on 11/7/07,Cd,Zn on 11/6,Ca on 11/9,Cr,Fe,Ti on 11/8,Co on 12/28, All the rest on 10/18/07