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Groundwater Monitoring Report
November 2008

Korkay, Inc.
Site #5-18-014

Work Assignment No.
D004445-20

Prepared for:

SUPERFUND STANDBY PROGRAM
New York State
Department of Environmental Conservation
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1.0 INTRODUCTION

1.1 GENERAL

This summary report documents the groundwater sampling event conducted in November 2008 at the Korkay Inc. Site (Site No. 5-18-014), located at 70 West Main Street in the Village of Broadalbin, Fulton County, New York (Figure 1). This sampling event was conducted in accordance with the Operation, Maintenance and Monitoring Plan (OM&M Plan, Earth Tech 2007), for Work Assignment (WA) No. D004445-20 of the State Superfund Standby Contract between the New York State Department of Environmental Conservation (NYSDEC) and Earth Tech Northeast, Inc. (Earth Tech).

The report presents and interprets analytical results for the groundwater sampling conducted in November 2008, in accordance with Task 6 and 7 of the OM&M Plan.

1.2 SITE DESCRIPTION AND BACKGROUND

Korkay, Incorporated (Korkay) located in Broadalbin, NY, was a supplier of detergents, solvents, and degreasers to the automotive industry from 1969 to 1980 (Figure 1). Korkay purchased bulk quantities of chemicals that were stored onsite for repackaging and/or blending into commercial products including automobile wax and hand cleaners. In addition to the production of commercial products, Korkay also operated as a drum reclamation facility. Drums were accepted containing an unknown variety and quantity of chemicals. The drums were emptied of any remaining chemicals, and were washed, rinsed and relined. This process was conducted without appropriate containment, such that the chemicals and chemical-laden rinsate were discharged through the facility's septic system, or directly to the ground surface. The NYSDEC and NYSDOH inspected the site in 1979 and documented the occurrence of these activities.

In 1980, Korkay installed a 4,000 gallon above ground storage tank to appropriately contain the residual chemicals and rinsate generated from drum reclamation. Reports and site documentation indicate that the drums contained acetone, isopropyl alcohol, degreasers, and perfumes as well as other chemicals. In 1998 a phase II investigation was conducted. Multimedia sampling identified several inorganic and volatile organic compounds (VOCs) in groundwater at concentrations exceeding applicable standards. Subsequently, a remedial investigation (RI) was completed, followed by a feasibility study (FS), (Final Phase I and II FS, Camp Dresser and McKee 1995) to determine appropriate remedial activities to be conducted in order to address the contamination present at the site.

A Record of Decision (ROD) was entered by the NYSDEC in March 1996 which documented the site cleanup objectives and requirements for the remedial activities to be conducted. In August 1997, a remedial action was conducted at the site which included demolition of a building, and excavation and disposal of contaminated soils. In November 1998, a soil vapor extraction/air sparging (SVE/AS) system was constructed and put into operation in order to address the residual soil contamination (Figure 2). The SVE system was operated intermittently until 2003, when confirmatory soil sampling indicated that the soil cleanup objectives had been achieved.

As outlined in the ROD, the overall remediation goals of the site were:

1) To eliminate, to the greatest extent possible, on-site soils as a source of groundwater contamination; and
2) To eliminate or reduce human exposure to on-site soils contamination.

To accomplish these goals based upon the results of the RI/FS and the evaluation of alternatives, the NYSDEC selected: excavation and off-site disposal of the top six inches of contaminated soil; backfill excavated areas with clean soil, and cover soil with vegetation; installation and operation of an SVE system with optional AS system or site dewatering; and site environmental monitoring for five years.

The specific elements of the remedy were:

- Completion of a remedial design to: verify the conceptual design components, provide the details necessary for the construction, operation, maintenance, and monitoring (OM&M) of the remedial systems and resolve uncertainties identified during the RI/FS;
- Approximately 145 cubic yards of contaminated surface soil was to be excavated and disposed of offsite;
- Excavated areas were to be restored with compacted clean fill, graded to ensure that ponding would not occur, and a vegetative cover would be established and maintained in order to reduce infiltration of precipitation and minimize erosion;
- SVE treatment was to be completed (with optional AS or site dewatering) for a period of up to six months. The SVE system was to be installed in the area with the highest contaminant concentrations;
- Deed restrictions were to be imposed to prohibit the withdrawal of site groundwater;
- The building was to be demolished and disposed of; and
- Annual groundwater monitoring was to be conducted for VOCs, SVOCs, and pesticides, collecting the samples from two wells in the monitoring well network. Groundwater monitoring was to be continued for a period of five years, following which a comprehensive review of the data generated was to be conducted in order to assess the effectiveness of the remedy.

Building demolition and excavation/disposal of contaminated soils occurred between April and August 1997. Operation of the SVE system began in November 1998. In July 2000, the contract with CDM expired and the NYSDEC assumed responsibility for site operations. The NYSDEC discontinued operation of the SVE system in 2003.

2.0 GROUNDWATER SAMPLING

Per requirements of the OM&M Plan for the Korkay Inc. site, Earth Tech will manage the sampling of the entire monitoring well network on a five-quarter basis, for a maximum of three sampling events during this WA. Groundwater sampling for the second event was completed by Earth Tech's subcontractor, GeoLogic NY, Inc., Homer, New York (GeoLogic), in accordance with Earth Tech's April 2007 OM&M Plan for the Korkay site.

The locations of the sampled wells are presented in Figure 2.

2.1 GROUNDWATER SAMPLING METHODOLOGY

A total of 12 monitoring wells were sampled on November 25, 2008: ASW, Flushmount, K-2, K-3, MW-8S, MW-8D, MW-15S, MW-15D, VEW-1, VEW-2, VEW-3 and VEW-4.

A monitoring well network inspection was completed at the site. The monitoring well inspection logs are presented in Appendix A.

Prior to purging each well to prepare it for sampling, a depth-to-water measurement was taken using an electronic water level indicator, which was washed in a non-phosphate detergent solution, (LiquiNox® and potable water), and rinsed with distilled water before each use. At a minimum, three times the volume of groundwater standing in the well casing was purged with either a submersible pump using polyethylene tubing or with a disposable bailer. In cases where a submersible pump was used for sampling, new tubing was used for each location. Except for the two offsite wells (MW-8S & MW-8D), purge water was disposed of on the ground in the immediate vicinity of each well.

After purging, temperature, conductivity, pH, turbidity, color and odor of the water were recorded on the logs presented in Appendix B. All groundwater samples were collected using well-dedicated bailers, and placed in preserved bottles provided by the laboratory. Samples were packed with ice, and submitted with a completed Chain-of-Custody (CoC) form to Mitkem Laboratories, Warwick, Rhode Island (Mitkem). Each sample was analyzed for volatile organic compounds (VOC) by USEPA Method 8260. The laboratory report for the November 2008 sampling event is included as Appendix C.

3.0 RESULTS

3.1 GROUNDWATER FLOW

Water level measurements were obtained prior to sampling the wells. These depth-to-water measurements were converted to water level elevations using top-of-casing elevations for several wells, as presented in the 1995 RI report. No elevation data are available for the AS well and the four SVE system wells.

The elevation data shown in Table 1 were used to produce a water table contour map of the shallow aquifer, as presented as Figure 3. Generalized groundwater flow direction is from north to south, consistent with previous observations by Earth Tech, and as presented in CDM's RI report.

3.2 ANALYTICAL RESULTS

The analytical results for the November 2008 groundwater sampling event are presented in Table 2. Concentrations above the New York State Ambient Water Quality Standards (AWQS) and guidance values for groundwater are in a shaded cell with bold typeface for ease.of identification Bolded text alone indicates a detection of the compound above the method detection limit, but below the applicable standards.

Volatile Organic Compounds

In the 12 monitoring wells sampled, the total VOC (TVOC) concentrations ranged from below detection limits (0.5 µg/L) to 5,707 µg/L. TVOC concentrations did not exceed the detection limit in the samples collected from Flushmount and MW-15D, two of the three deep wells on site (depth greater than 40 feet). The maximum concentration of TVOCs was observed in the sample collected from well ASW, located in the former source area. Figure 4 is an isoconcentration map of TVOC concentrations reported for the shallow wells (less than 15 feet deep) from the November 2008 sampling event. Figure 4A is an isoconcentration map of the TVOC concentrations reported for the shallow aquifer wells from the August 2007 sampling event, provided for comparison (and to correct the previously published version - see footnote on Table 2).

Wells K-3 and MW-8D were reported to contain concentrations of VOCs that did not exceed AWQS. Well K-3 is reported to contain tetrachloroethene at a concentration of 1.2 µg/L,and no other compounds were detected above method detection limits. Well MW-8D is reported to contain naphthalene at a concentration of 1.2 µg/L, and no other compounds were detected above method detection limits. The results of the August 2007 sampling event for wells K-3, and MW-8D were reported to be below the method detection limits for VOCs.

The highest concentrations of VOCs, significantly above AWQS, were found in the former source area SVE wells (VEW-1, VEW-3, and VEW-4) and in well ASW. ASW, the former air sparging well, showed the highest concentration of TVOCs at 5,707 µg/L. VEW-1, located northwest of ASW, contained 1,538 µg/L TVOCs. VEW-3 and VEW-4, located east of ASW, were reported to contain concentrations of TVOCs at levels of 679 µg/L, and 688.1 µg/L, respectively.

Well MW-8S was reported to contain a TVOC concentration of 242 µg/L, indicating that contamination above AWQS remains present offsite. Earth Tech observed that MW-8S, a flushmount well, was submerged below ponded water at the time that the sampling event was conducted. Upon opening the flushmount cover to access the well, it was apparent that surface water had and was flowing into the well, which was lacking a cap (this condition has since been corrected). Although the well was properly purged

before sampling, the VOC concentrations reported by the laboratory may not be representative of actual groundwater conditions.

Chart 1 shows that three wells (ASW, VEW-1 and VEW-4) reported substantially higher TVOC concentrations in the November 2008 sampling event compared to the August 2007 results. MW-8S showed a significant reduction in TVOC, but the results may have been altered by the inflow of surface water noted above.

Groundwater analytical data collected during the 1995 RI, and earlier in the current decade, were presented and discussed in the Remedial System Optimization (RSO) report, submitted to the NYSDEC in March 2008.

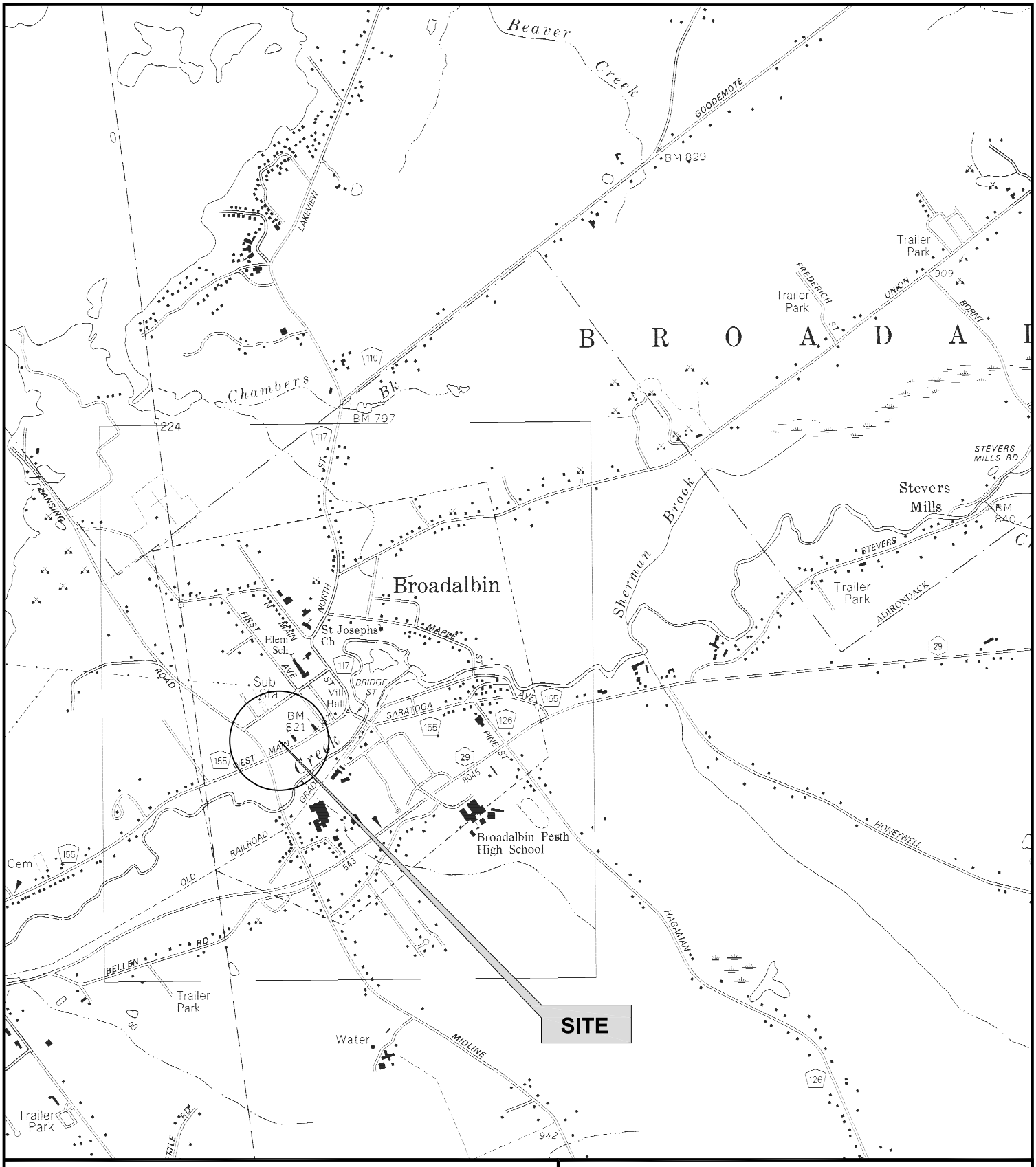
4.0 CONCLUSIONS

Review of the November 2008 shallow groundwater data demonstrates that groundwater contamination at the Korkay Inc. site persists in the same areas as discussed in the RI report, primarily beneath the southwestern quadrant of the site, and extending beyond the southern site boundary. However, with only two monitoring wells situated offsite in the downgradient (south) direction, the extent of the contamination migrating offsite has not been assessed since the initial delineation. If the feature still exists and if physical access is granted by the owner of Lot 40, Earth Tech recommends collecting a water sample from a reported "groundwater seep," identified in the 1995 Phase II RI report as having been located south of the site on the slope behind the Hotel Broadalbin. Extending the monitoring network to include a "sentinel" monitoring point will provide an indication of changing plume conditions in the shallow water-bearing zone at a location previously beyond the extent of contamination.

The concentrations of VOCs have remained similar to past reported values, however, some significantly increased concentrations are noted in the SVE/AS wells (i.e., ASW, VEW-1, and VEW-4). The infiltration of surface water into well MW-8S, as discussed previously, compromises the data quality of that well. It is expected that the actual concentration of total VOCs in the groundwater at this location would be higher than the reported concentration due to the dilution effect of surface water infiltration. Earth Tech recommends resampling this well prior to the next five-quarter event.

The deep wells at the site continue to show little to no evidence of groundwater contamination, most likely a result of the confining clay layer found at approximately 12 to 14 feet below grade. A review of boring logs from the RI report and the soil borings completed by Earth Tech for the RSO in August 2007 suggests that this clay layer may be continuous beneath the site, and may extend offsite as well.

The next groundwater sampling event at the Korkay Site will be performed during the winter months of 2009-2010, likely by mid-March 2010.



MAP REFERENCE: NYSDOT 7.5 MIN. QUADRANGLE
BROADALBIN SERIES

PLAN

NORTH

Scale in Feet

0 1000' 2000'

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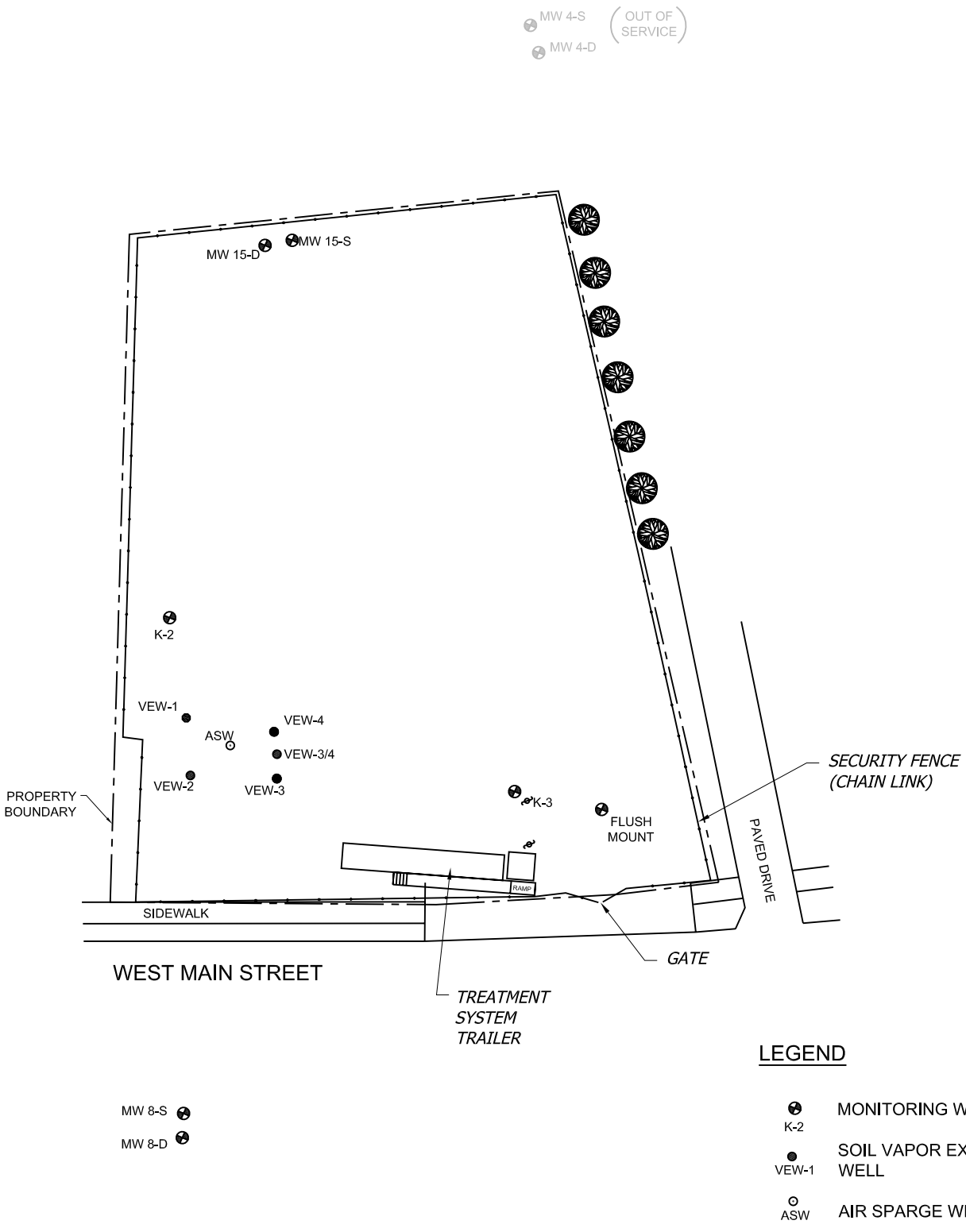
FIGURE 1

SITE LOCATION PLAN
NYSDEC SITE ID: 5-18-014

KORKAY INC.

70 WEST MAIN STREET
BROADALBIN, NEW YORK

DATE: JANUARY 2009 | PROJECT NO.: 99165



PLAN

GENERAL MAPPING REFERENCE, MAPPING SHOWN COMPILED FROM THE FOLLOWING :

1. PLAN TITLED "EXISTING SITE PLAN" FIGURE 1-2.

2. PLAN TITLED" TREATMENT SYSTEM LAYOUT AND PRE-STARTUP SOIL BORING LOCATIONS" SITE LAYOUT, FIGURE 4-1, BY CAMP DRESSER & McKEE.

3. SUB-METER GPS SURVEY PERFORMED BY EARTH TECH, NOVEMBER 2007.

EARTH TECH | AECOM

NORTH

Scale in Feet

0 25' 50'

FIGURE 2

SITE LAYOUT MAP

NYSDEC SITE ID: 5-18-014

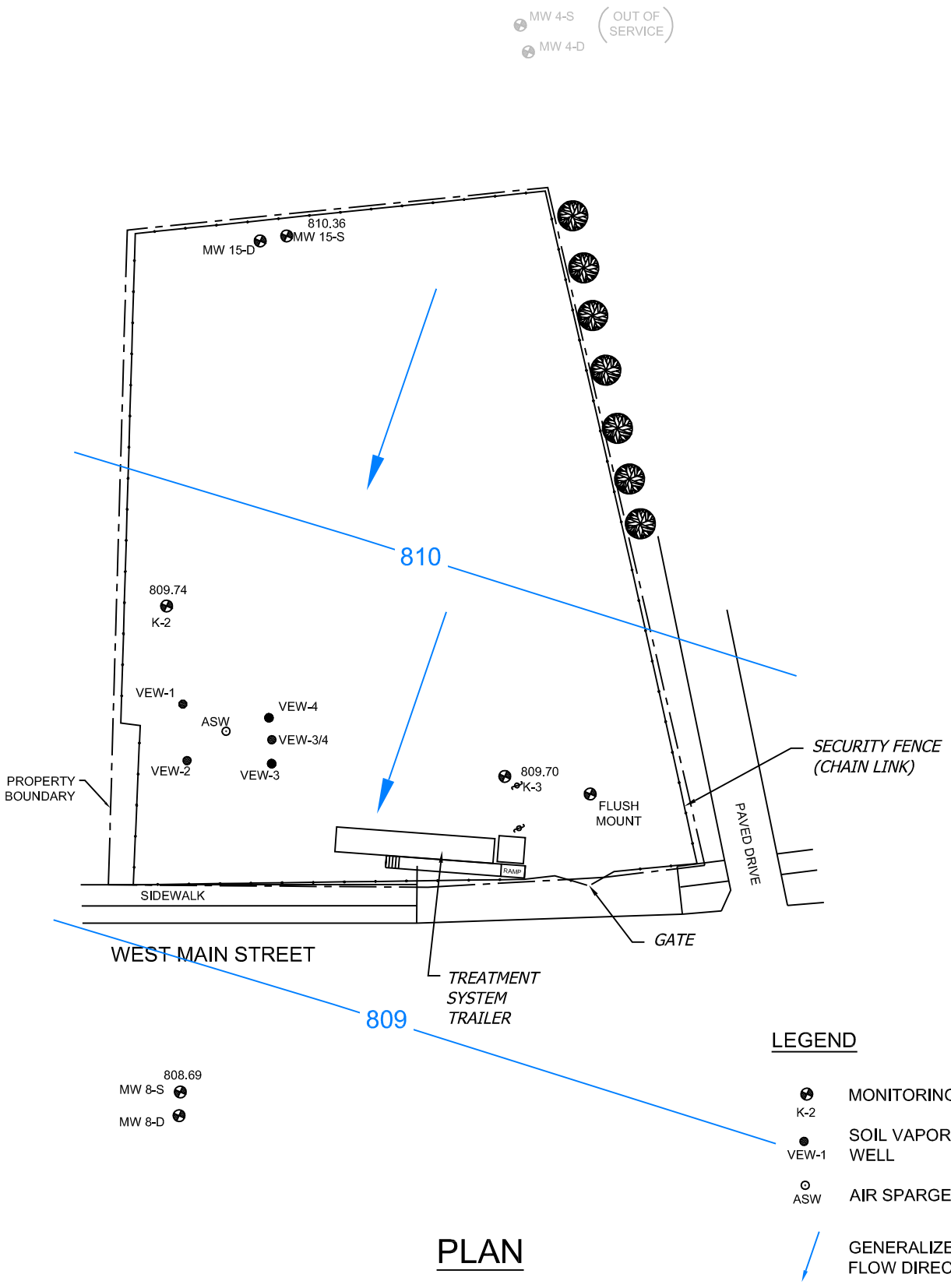
KORKAY INC.

70 WEST MAIN STREET

BROADALBIN, NEW YORK

DATE: JANUARY 2009

PROJECT NO.: 99165



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3. SUB-METER GPS SURVEY PERFORMED BY EARTH TECH, NOVEMBER 2007.

EARTH TECH | AECOM

NORTH

Scale in Feet

0 25' 50'

FIGURE 3

WATER TABLE CONTOUR MAP

NYSDEC SITE ID: 5-18-014

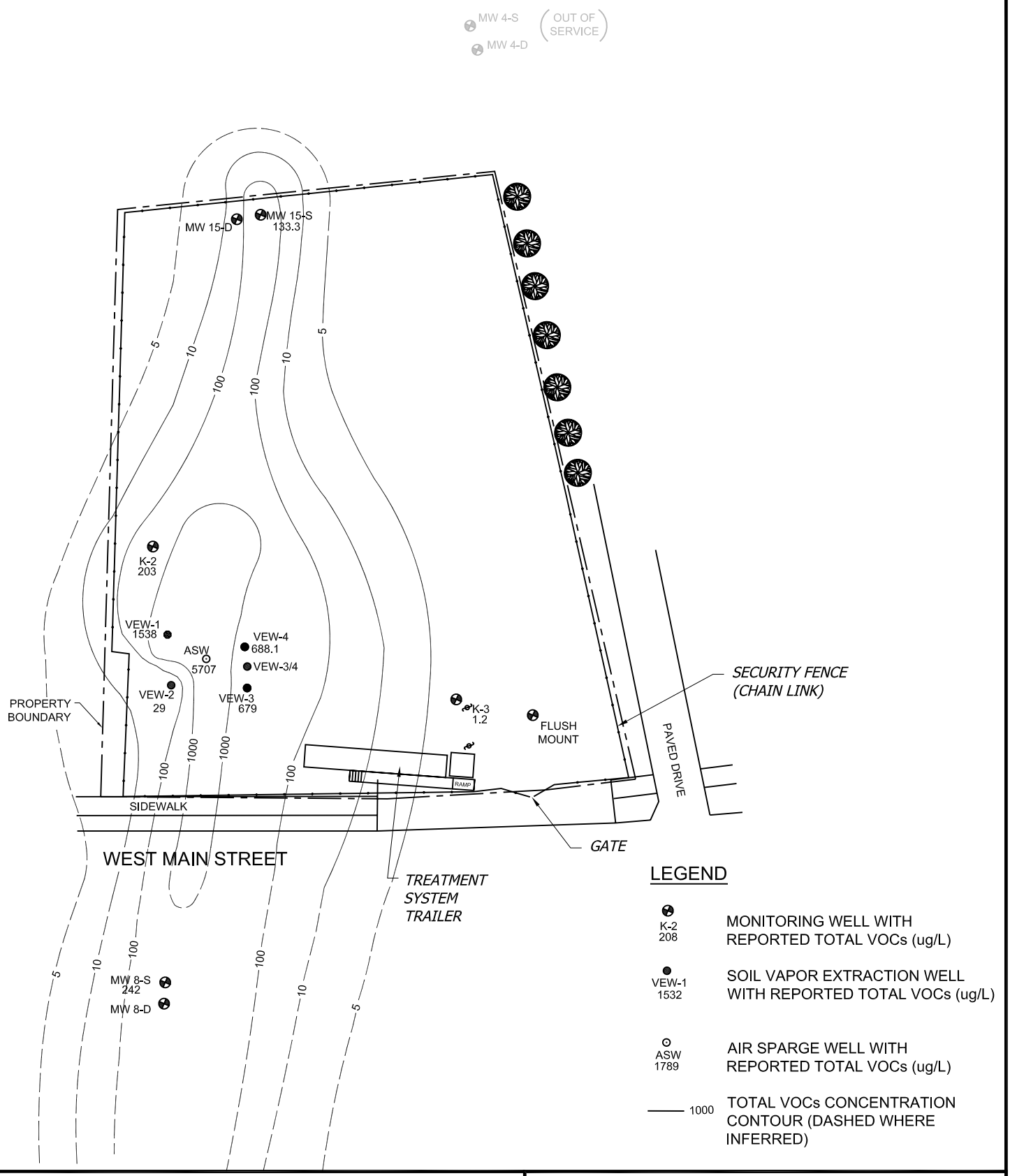
KORKAY INC.

70 WEST MAIN STREET

BROADALBIN, NEW YORK

DATE: JANUARY 2009

PROJECT NO.: 99165



NOTE:
FOR MAP REFERENCE INFORMATION SEE FIGURE 1-2 "SITE LAYOUT".

PLAN

NORTH

Scale in Feet

0 25' 50'

EARTH TECH | AECOM

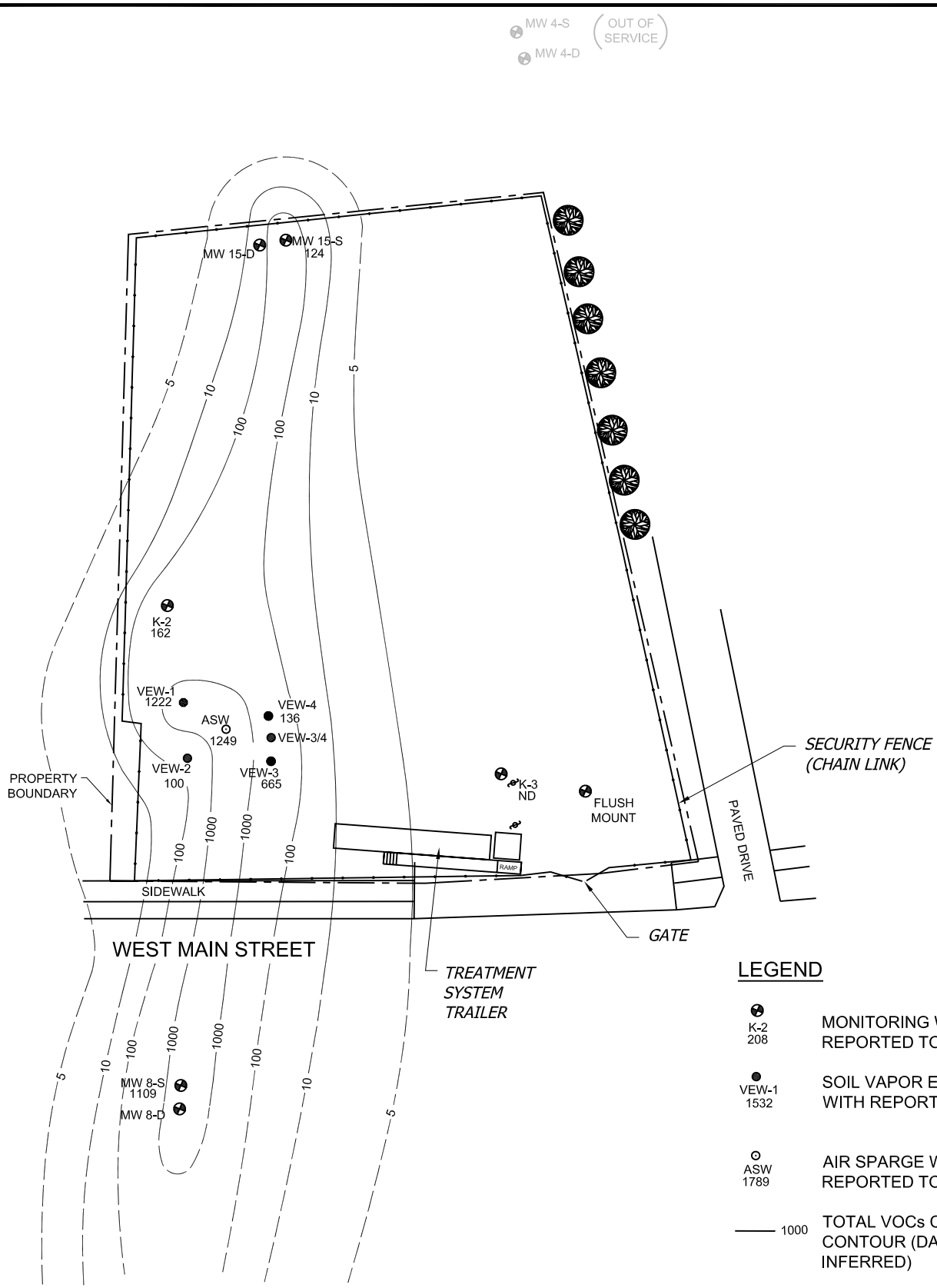
FIGURE 4

TOTAL VOC
ISOCONCENTRATION MAP - SHALLOW AQUIFER
NOVEMBER 25, 2008
NYSDEC SITE ID: 5-18-014

KORKAY INC.

70 WEST MAIN STREET
BROADALBIN, NEW YORK

DATE:JANUARY 2009 | PROJECT NO.: 99165



NOTE:
FOR MAP REFERENCE INFORMATION SEE FIGURE 1-2 "SITE LAYOUT".

PLAN

NORTH

Scale in Feet

0 25' 50'

EARTH TECH | AECOM

FIGURE 4A

TOTAL VOC
ISOCONCENTRATION MAP - SHALLOW AQUIFER
AUGUST 14, 2007
NYSDEC SITE ID: 5-18-014

KORKAY INC.

70 WEST MAIN STREET
BROADALBIN, NEW YORK

DATE:JANUARY 2009 | PROJECT NO.: 99165

Table 1
Water Level Measurements
Korkay Inc.
Broadalbin, New York
Site #5-18-014

WELL ID	TOP OF CASING ELEVATION * (ft)	WELL DEPTH (ft)	Depth to Water (ft) 11/25/08	Elevation (ft)** 11/25/08
ASW	NA	13.55	8.74	NA
Flushmount	819.04	54.48	28.37	790.67
K-2	818.72	13.82	8.98	809.74
K-3	817.73	12.60	8.03	809.70
MW-15D	817.87	43.94	27.22	790.65
MW-15S	817.74	12.58	7.38	810.36
MW-8D	815.16	54.25	27.13	788.03
MW-8S	815.19	10.82	6.50	808.69
VEW-1	NA	9.70	9.10	NA
VEW-2	NA	10.89	8.99	NA
VEW-3	NA	10.72	9.63	NA
VEW-4	NA	10.87	9.66	NA

* From the August 1995 Final Phase II RI Report by Camp, Dresser & McKee.
** Water table is contoured in Figure 3.
NA - not available

Table 2
Groundwater Analytical Data
Korkay, Inc.
Broadalbin, New York
Site #5-18-014
Sampling Dates:
August 14, 2007 and November 25, 2008

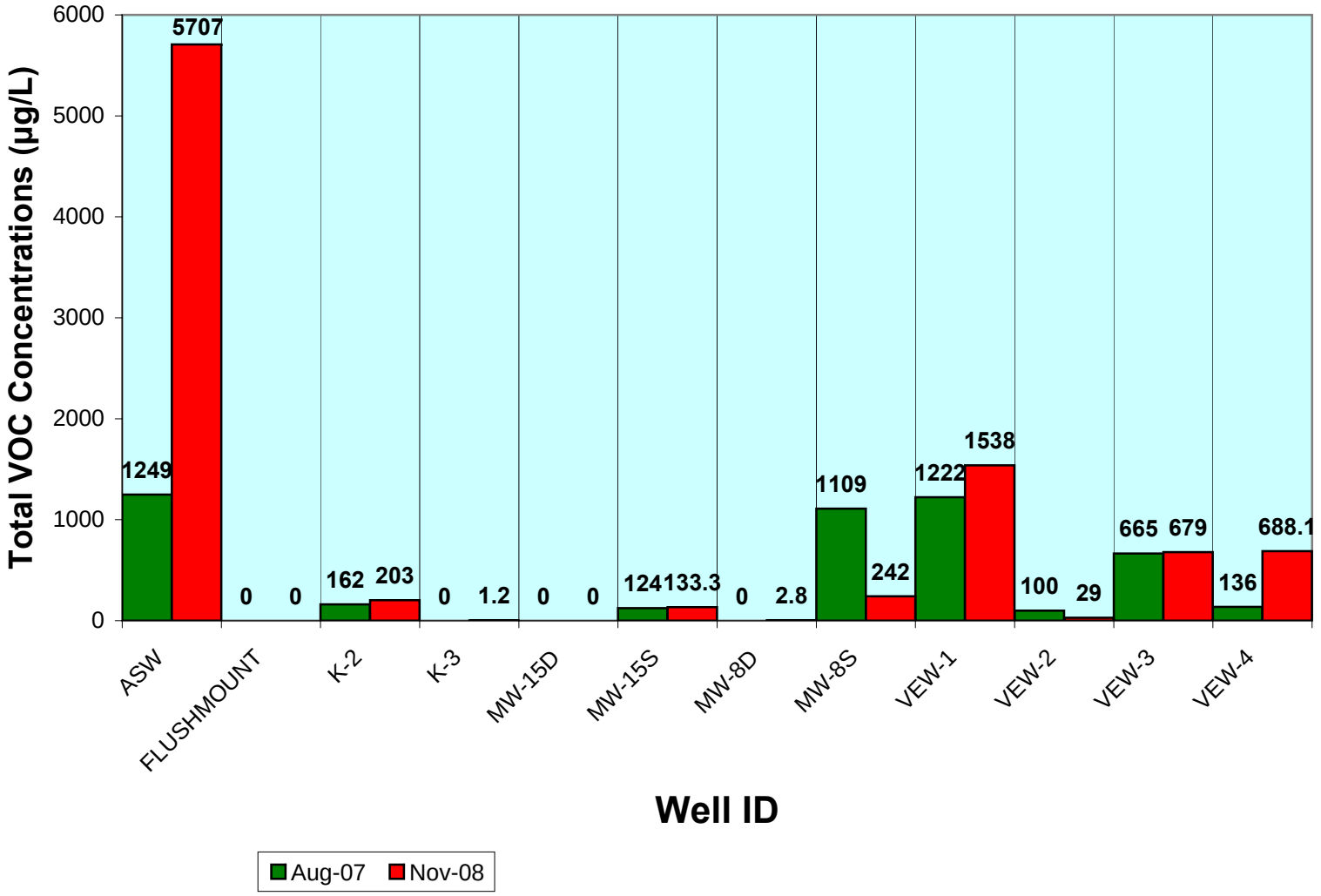
	AWQS + GV**	ASW				FLUSHMOUNT				MW-K2						MW-K3				MW-15D				MW-15S				MW-8D			
Volatiles µg/L		8/14/07		11/25/08		8/14/07		11/25/08		8/14/07				11/25/08		8/14/07		11/25/08		8/14/07		11/25/08		8/14/07		11/25/08		8/14/07		11/25/08	
1,1,1-Trichloroethane	5	5	U	25	U	5	U	5	U	5	U	5*	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trimethylbenzene	5	**130**	**D**	**1100**	**D**	5	U	5	U	**60**		**60***		**81**		5	U	5	U	5	U	5	U	5	U	**1.6**	**J**	**430**	**D**	**89**	
1,2-Dichlorobenzene	3	**24**		**34**		5	U	5	U	5	U	5*	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	**26**		**5.6**	
1,3,5-Trimethylbenzene	5	**31**	**D**	**360**		5	U	5	U	**3**	**J**	3*	U	**8.4**		5	U	5	U	5	U	5	U	**36**		**25**		5	U	5	U
1,4-Dichlorobenzene	3	**3**	**J**	25	U	5	U	5	U	5	U	5*	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	**3**	**J**	5	U
2-Butanone	NS	**14**		**13**	**J**	5	U	5	U	5	U	5*	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	**13**	
4-Isopropyltoluene	5	**39**		**61**		5	U	5	U	**2**	**J**	**2***	J	5	U	5	U	5	U	5	U	**11**		**32**		5	U	5	U	**20**	
Acetone	50 (GV)	5	U	25	U	5	U	5	U	5	U	5*	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	**10**	
Carbon Disulfide	60 (GV)	5	U	25	U	5	U	5	U	5	U	5*	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	**1**	J
cis-1,2-Dichloroethene	5	**53**		**72**		5	U	5	U	**4**	**J**	**4***	J	**6.2**		5	U	5	U	5	U	5	U	5	U	5	U	**9**		**1.3**	**J**
Ethylbenzene	5	**65**	**D**	**430**		5	U	5	U	**12**		**13***		**9.3**		5	U	5	U	5	U	5	U	5	U	5	U	**57**		**11**	
Isopropylbenzene	5	**49**		**86**		5	U	5	U	**4**	**J**	**4***	J	**5.7**		5	U	5	U	5	U	5	U	5	U	5	U	**27**		**9.6**	
m,p-Xylene	5	**320**	**D**	**2100**	**D**	5	U	5	U	**16**		**16***		**14**		5	U	5	U	5	U	5	U	5	U	5	U	**160**		**28**	
Naphthalene	10 (GV)	**130**		**160**		5	U	5	U	**10**	**B**	**8***	B	**5.4**		5	U	5	U	5	U	5	U	**1**	**J**	5	U	**1.2**	**J**	**58**	
n-Butylbenzene	5	**60**		**91**		5	U	5	U	**8**		**8***		**23**		5	U	5	U	5	U	5	U	**8**		**24**		5	U	5	U
n-Propylbenzene	5	**74**		**120**		5	U	5	U	**4**	**J**	**4***	J	**13**		5	U	5	U	5	U	5	U	5	U	**2.6**	**J**	5	U	5	U
o-Xylene	5	**210**	**D**	**1000**	**D**	5	U	5	U	**30**		**30***		**17**		5	U	5	U	5	U	5	U	**3**	**J**	5	U	5	U	**120**	
sec-Butylbenzene	5	**28**		**46**		5	U	5	U	**6**		**6***		**18**		5	U	5	U	5	U	5	U	**5**		**18**		5	U	5	U
tert- Butylbenzene	5	5	U	25	U	5	U	5	U	5	U	5*	U	5	U	5	U	5	U	5	U	5	U	5	U	**1.4**	**J**	5	U	5	U
Tetrachloroethene	5	5	U	25	U	5	U	5	U	**2**	**JB**	**2***	JB	**1.5**	**J**	5	U	**1.2**	**J**	5	U	5	U	**2**	**J**	5	U	5	U	5	U
Toluene	5	**19**		**26**		5	U	5	U	5	U	5*	U	5	U	5	U	5	U	5	U	5	U	**13**		**1.3**	**J**	5	U	5	U
Trichloroethene	5	5	U	**8.2**	**JB**	5	U	5	U	**1**	**J**	5*	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Xylene (Total)		530	D	3100	D	5	U	5	U	46		46*		31		5	U	5	U	5	U	5	U	3	J	5	U	5	U	5	U
Total Volatile Organic Compounds		1249		5707		ND		ND		162		157		203		ND		1.2		ND		ND		124		133.3		ND		2.8	
Semivolatiles µg/L																															
1,2-Dichlorobenzene	3	**19**	**J**	NA		10	U	NA		10	U	NA		NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA	
1,4-Dichlorobenzene	3	**2**	**J**	NA		10	U	NA		10	U	NA		NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA	
2,4-Dimethylphenol	1	20	U	NA		10	U	NA		10	U	NA		NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA	
2-Methylnaphthalene	NS	**50**		NA		10	U	NA		10	U	NA		NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA	
2-Methylphenol	NS	20	U	NA		10	U	NA		10	U	NA		NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA	
4-Methylphenol	NS	**170**		NA		10	U	NA		10	U	NA		NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA	
bis (2-Ethylhexyl) phthalate	5	**2**	**J**	NA		10	U	NA		10	U	NA		NA		10	U	NA		**2**	J	NA		**2**	J	NA		**2**	J	NA	
Di-n-butylphthalate	50	**4**	**J**	NA		10	U	NA		10	U	NA		NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA	
Naphthalene	10 (GV)	**110**		NA		10	U	NA		10	U	NA		NA		10	U	NA		10	U	NA		**1**	J	NA		**48**		NA	
Phenol	1	20	U	NA		10	U	NA		10	U	NA		NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA	
Metals µg/L																															
Copper	200	6.3	U	NA		19.1	B	NA		54.8		NA		NA		8.6	B	NA		19.8	B	NA		10.4	B	NA		18.6	B	NA	
Iron	300	75100		NA		33000		NA		28500		NA		NA		9600		NA		396		NA		8870		NA		10300		NA	
Manganese	300	2260		NA		620		NA		709		NA		NA		1090		NA		26.9	B	NA		155		NA		259		NA	
Dissolved Metals µg/L																															
Copper	200	6.3	U	NA		6.3	U	NA		6.3	U	NA		NA		6.3	U	NA		6.3	U	NA		6.3	U	NA		6.3	U	NA	
Iron	300	46800		NA		159	B	NA		5680		NA		NA		380		NA		174	B	NA		5910		NA		167	B	NA	
Manganese	300	2080		NA		2.3	B	NA		550		NA		NA		20.3	B	NA		10.6	B	NA		144		NA		4.4	B	NA	
Wet Chemistry mg/L																															
Chloride	250	2.6		NA		2.1		NA		2	U	NA		NA		2	U	NA		2	U	NA		13		NA		41		NA	
Total Organic Carbon	NS	49		NA		10.0	U	NA		21.0		NA		NA		10	U	NA		10	U	NA		13		NA		10.0	U	NA	
Alkalinity (Total)	NS	250		NA		300		NA		180		NA		NA		160		NA		80		NA		80		NA		62		NA	
TKN-N	NS	3.1		NA		2.3		NA		2.4		NA		NA		1.1		NA		0.69		NA		3.5		NA		0.62		NA	

	AWQS + GV**	MW-8S				VEW-1				VEW-2				VEW-3				VEW-4			
Volatiles µg/L		8/14/07		11/25/08		8/14/07		11/25/08		8/14/07		11/25/08		8/14/07		11/25/08		8/14/07		11/25/08	
1,1,1-Trichloroethane	5	5	U	5	U	**2**	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trimethylbenzene	5	**430**	**D**	**89**		**230**	D	**410**	**D**	**22**		**9.8**		**130**		**130**		**12**		**170**	
1,2-Dichlorobenzene	3	**26**		**5.6**		**23**		**34**		**1**	**J**	**1.2**	**J**	**30**		**25**		**2**	**J**	**16**	
1,3,5-Trimethylbenzene	5	**97**		**36**		**230**	D	**410**	**D**	**1**	**J**	5	U	**110**		**110**		**6**		**100**	
1,4-Dichlorobenzene	3	**3**	**J**	5	U	**1**	J	**2.3**	**J**	5	U	5	U	**1.0**	**J**	5	U	5	U	**1**	J
2-Butanone	NS	5	U	5	U	**13**		**17**		5	U	5	U	**9**		**11**		5	U	**8.1**	
4-Isopropyltoluene	5	**20**		5	U	**36**		5	U	5	U	5	U	**12**		**12**		5	U	5	U
Acetone	50 (GV)	5	U	5	U	**10**		**34**		5	U	5	U	5	U	5	U	**70**		**8.8**	
Carbon Disulfide	60 (GV)	5	U	5	U	**1**	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,2-Dichloroethene	5	**9**		**1.3**	**J**	**130**		**84**		**39**		**4.6**	**J**	**4**	**J**	**2.6**	**J**	**2**	**J**	**3.5**	J
Ethylbenzene	5	**57**		**11**		**29**		**54**		**5**		**1.6**	**J**	**32**		**38**		5	U	**17**	
Isopropylbenzene	5	**27**		**9.6**		**11**		**23**		5	U	5	U	**6**		**6.9**		5	U	**4.5**	J
m,p-Xylene	5	**160**		**28**		**49**		**100**		**5**		**1.8**	**J**	**120**		**150**		**4**	**J**	**84**	
Naphthalene	10 (GV)	**58**		**10**		**110**	B	5	U	**6**	**B**	**4.4**	**J**	**70**		**45**		**18**		**60**	
n-Butylbenzene	5	**45**		**12**		**54**		5	U	5	U	5	U	**17**		**15**		5	U	**14**	
n-Propylbenzene	5	**34**		**14**		**14**		**30**		**1**	**J**	**1.1**	**J**	**7**		**8.9**		5	U	**3.3**	J
o-Xylene	5	**120**		**19**		**250**	D	**330**	**D**	**17**		**4.5**	**J**	**110**		**110**		**20**		**180**	
sec-Butylbenzene	5	**22**		**6.8**		**17**		5	U	5	U	5	U	**4**	**J**	**5.1**		5	U	**4.1**	J
tert- Butylbenzene	5	5	U	5	U	**4**	J	5	U	5	U	5	U	**2**	**J**	5	U	5	U	5	U
Tetrachloroethene	5	5	U	5	U	**2**	JB	**1.7**	**J**	5	U	5	U	**1**	**J**	**1.2**	**J**	5	U	**3**	J
Toluene	5	**1**	J	5	U	**4**	J	**4.4**	**J**	**3**	**J**	5	U	5	U	**7.9**		**2**	**J**	**7.8**	
Trichloroethene	5	5	U	5	U	**2**	J	**3.1**	**J**	5	U	5	U	5	U	5	U	5	U	**3**	J
Xylene (Total)		280		47		299	D	420		22		6.3		230		260		24		270	
Total Volatile Organic Compounds		1109		242		1222		1538		100		29		665		679		136		688.1	
Semivolatiles µg/L																					
1,2-Dichlorobenzene	3	**21**		NA		**25**		NA		**1**	**J**	NA		**21**		NA		**5**	**J**	NA	
1,4-Dichlorobenzene	3	**2**	J	NA		**2**	J	NA		10	U	NA		10	U	NA		**9**	**J**	NA	
2,4-Dimethylphenol	1	10	U	NA		10	U	NA		**4**	**J**	NA		10	U	NA		**9**	**J**	NA	
2-Methylnaphthalene	NS	**7**	J	NA		**24**		NA		10	U	NA		**2**	**J**	NA		**1**	**J**	NA	
2-Methylphenol	NS	10	U	NA		10	U	NA		**6**	**J**	NA		10	U	NA		**20**		NA	
4-Methylphenol	NS	**14**		NA		**56**		NA		**3**	**J**	NA		10	U	NA		**110**		NA	
bis (2-Ethylhexyl) phthalate	5	**2**	J	NA		**1**	J	NA		**1**	**J**	NA		**1**	**J**	NA		**2**	**J**	NA	
Di-n-butylphthalate	50	**1**	J	NA		**15**		NA		10	U	NA		**1**	**J**	NA		**1**	**J**	NA	
Naphthalene	10 (GV)	**48**		NA		**110**		NA		**2**	**J**	NA		**31**		NA		**23**		NA	
Phenol	1	10	U	NA		10	U	NA		10	U	NA		10	U	NA		**20**		NA	
Metals µg/L																					
Copper	200	24.5	B	NA		9.6	B	NA		6.3	U	NA		7.5	B	NA		54.5		NA	
Iron	300	20800		NA		18300		NA		9020		NA		5990		NA		20900		NA	
Manganese	300	879		NA		559		NA		582		NA		413		NA		1020		NA	
Dissolved Metals µg/L																					
Copper	200	6.3	U	NA		6.3	U	NA		6.3	U	NA		6.3	U	NA		6.3	U	NA	
Iron	300	9030		NA		5590		NA		866		NA		642		NA		1010		NA	
Manganese	300	765		NA		499		NA		550		NA		351		NA		843		NA	
Wet Chemistry mg/L																					
Chloride	250	38		NA		2	U	NA		2	U	NA		3.1		NA		5.6		NA	
Total Organic Carbon	NS	17		NA		35		NA		28		NA		34		NA		87		NA	
Alkalinity (Total)	NS	230		NA		160		NA		240		NA		370		NA		410		NA	
TKN-N	NS	1.7		NA		11		NA		3.6		NA		2.0		NA		12		NA	

Note - Total VOC values for the August 2007 sampling event were incorrectly calculated in that report's Table 2 (xylenes were double-counted). They have been corrected here. Consequently, Figure 4 in the 2007 report, which contoured those values, was incorrect as well. Figure 4A in this report corrects the 2007 errors.
B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.
U - Compound analyzed for but not detected.
J - Estimated concentration for compound detected below the reporting limit.
D - Reported concentration was obtained from a diluted analysis.
* - Duplicate Sample
** New York State Ambient Water Quality Standards (TOGs 1.1.1) GV - guidance value.
NS - no standard or Guidance Value
BOLD font indicates detected concentrations.
Shaded cells indicate exceedances of AWQS+GV.
NA - Not Analyzed

Chart 1
Total VOC Concentrations in Groundwater
August 2007 and November 2008

Korkay, Inc.
Broadalbin, New York
Site #5-18-014



Appendix A
Monitoring Well Field Inspection Logs

SITE NAME: Korkay, Inc., Broadalbin, New York

SITE ID.: 5-18-014
INSPECTOR: Joseph Menzel
DATE/TIME:
WELL ID.: ASW

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)		
WELL COORDINATES? NYTM X____ NYTM Y____ ~~NOT REQUIRED PER EARTH TECH AECOM~~ see below		
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____		
GPS Method (circle) Trimble And/Or Magellan		

	YES	NO
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	

	YES	NO
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	✓	
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) cracked seal		✓
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		✓

HEADSPACE READING (ppm) AND INSTRUMENT USED	
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	PVC - 12"
PROTECTIVE CASING MATERIAL TYPE:	PVC
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	2"

	YES	NO
LOCK PRESENT?		✓
LOCK FUNCTIONAL?		✓
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓
WELL MEASURING POINT VISIBLE?	✓	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	13.55'
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	8.74
MEASURE WELL DIAMETER (Inches):	2"
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Poor
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	50'

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Locked access gate, open field.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Grassy field.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

None

REMARKS:

Sketch

Well Coordinates:

NYTM X 572238.7930
NYTM Y 1538959.4600

SITE NAME: Korkay, Inc., Broadalbin, New York

SITE ID.: 5-18-014
INSPECTOR: Joseph Menzel
DATE/TIME:
WELL ID.: Flushmount

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)		
WELL COORDINATES? NYTM X____ NYTM Y____ ~~NOT REQUIRED PER EARTH TECH AECOM~~		
PDOP Reading from Trimble Pathfinder:____ Satelites:____ See below		
GPS Method (circle) Trimble And/Or Magellan		
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		✓
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	✓	
HEADSPACE READING (ppm) AND INSTRUMENT USED		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Steel, 9"	
PROTECTIVE CASING MATERIAL TYPE:		
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		
LOCK PRESENT?		✓
LOCK FUNCTIONAL?		✓
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓
WELL MEASURING POINT VISIBLE?		✓
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	54.48'	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	28.37	
MEASURE WELL DIAMETER (Inches):	2"	
WELL CASING MATERIAL:	PVC	
PHYSICAL CONDITION OF VISIBLE WELL CASING:		
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	30'	

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

In paved driveway, just inside gate.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Set in pavement at gate opening.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

None.

REMARKS: Flush mount / seal not good on cap. water coming in o the thread cover

Sketch

Well Coordinates:
NYTM X 572358.7500
NYTM Y 1538988.9370

SITE NAME: Korkay, Inc., Broadalbin, New York

MONITORING WELL FIELD INSPECTION LOG

SITE ID.: 5-18-014
INSPECTOR: Joseph Menzel
DATE/TIME:
WELL ID.: K-2

	YES	NO
WELL VISIBLE? (If not, provide directions below)		
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		✓
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	✓	
LOCK PRESENT?	✓	
LOCK FUNCTIONAL?	✓	
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓ Possibly
WELL MEASURING POINT VISIBLE?	✓	

WELL COORDINATES? NYTM X____ NYTM Y____ ~~NOT REQUIRED PER EARTH TECH AECOM~~
~~PDOP Reading from Trimble Pathfinder;~~_____ Satelites:_____ See Below
GPS Method (circle) Trimble And/Or ~~Magellan~~

Heaved

HEADSPACE READING (ppm) AND INSTRUMENT USED.....
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): Steel, 25"
PROTECTIVE CASING MATERIAL TYPE: .....
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 4"

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 13.82'
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): ~~8.98~~
MEASURE WELL DIAMETER (Inches): 2"
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: .....
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE .....
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: 150'

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Locked access gate, no obstructions.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Level grassy field.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Sketch

Well Coordinates:

NYTM X 572203.8210

NYTM Y 1538989.8870

SITE NAME: Korkay, Inc., Broadalbin, New York

SITE ID.: 5-18-014
INSPECTOR: Joseph Menzel
DATE/TIME:
Well ID.: MW-K3

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)		
WELL COORDINATES? NYTM X____ NYTM Y____ ~~NOT~~ REQUIRED PER EARTH TECH AECOM		
PDOP Reading from Trimble Pathfinder:_____ Satelites: See Below		
GPS Method (circle) Trimble And/Or Magellan		
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	✓	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	✓	
HEADSPACE READING (ppm) AND INSTRUMENT USED		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Steel, 6"	
PROTECTIVE CASING MATERIAL TYPE:		
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		
LOCK PRESENT?		✓
LOCK FUNCTIONAL?		✓
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)	✓	
WELL MEASURING POINT VISIBLE?	✓	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	12.60'	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	8.03	
MEASURE WELL DIAMETER (Inches):	2"	
WELL CASING MATERIAL:	PVC	
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good	
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	30'	

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Just inside gate in front of plastic holding tank and shack.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

On pavement.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

No lock

Sketch

Well Coodinates:

NYTM X - 572330.2620
NYTM Y - 1538982.9060

SITE NAME: Korkay, Inc., Broadalbin, New York

MONITORING WELL FIELD INSPECTION LOG

SITE ID.: 5-18-014
INSPECTOR: Joseph Menzel
DATE/TIME:
Well ID.: VEW-1

	YES	NO
WELL VISIBLE? (If not, provide directions below)		
WELL COORDINATES? NYTM X____ NYTM Y____ ~~NOT REQUIRED PER EARTH TECH AECOM~~		
PDOP Reading from Trimble Pathfinder:____ Satelites: See Below		
GPS Method (circle) Trimble And/Or Magellan		
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) Cracked		✓
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		✓
HEADSPACE READING (ppm) AND INSTRUMENT USED		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	PVC - 21.5"	
PROTECTIVE CASING MATERIAL TYPE:	PVC	
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	2"	
LOCK PRESENT?		✓
LOCK FUNCTIONAL?		✓
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓
WELL MEASURING POINT VISIBLE?		✓
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	9.70'	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	9.10	
MEASURE WELL DIAMETER (Inches):	2"	
WELL CASING MATERIAL:	PVC	
PHYSICAL CONDITION OF VISIBLE WELL CASING:		
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	70'	

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Locked access gate.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Level grassy field.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

None

REMARKS:

Sketch

Well Coordinates:

NYTM X 572221.9210

NYTM Y 1538961.9640

SITE NAME: Korkay, Inc., Broadalbin, New York

SITE ID.: 5-18-014
INSPECTOR: Joseph Menzel
DATE/TIME:
WEll ID.: VEW-2

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)		
WELL COORDINATES? NYTM X____ NYTM Y____ ~~NOT REQUIRED PER EARTH TECH AECOM~~		
PDOP Reading from Trimble Pathfinder:____ Satelites:____ See below		
GPS Method (circle) Trimble And/Or Magellan		
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) Buried under Grass		✓
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) cracked		✓
HEADSPACE READING (ppm) AND INSTRUMENT USED		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	PVC - 20"	
PROTECTIVE CASING MATERIAL TYPE:	PVC	
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	2"	
LOCK PRESENT?		✓
LOCK FUNCTIONAL?	✓	
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓
WELL MEASURING POINT VISIBLE?		✓
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	10.89'	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	8.99	
MEASURE WELL DIAMETER (Inches):	2"	
WELL CASING MATERIAL:	PVC	
PHYSICAL CONDITION OF VISIBLE WELL CASING:	–	
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	✓	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	50'	

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Locked gate access to open field, grass.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Grassy field, along street.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

None

REMARKS:

Sketch

Well Coordinates!

NYTM X: 572230.7420

NYTM Y: 1538945.2240

SITE NAME: Korkay, Inc., Broadalbin, New York

SITE ID.: 5-18-014
INSPECTOR: Joseph Menzel
DATE/TIME:
WEll ID.: VEW-3

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)		
WELL COORDINATES? NYTM X____ NYTM Y____ ~~NOT REQUIRED PER EARTH TECH AECOM~~		
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____ See Below		
GPS Method (circle) Trimble And/Or Magellan		
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) Heaved		✓
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		✓
HEADSPACE READING (ppm) AND INSTRUMENT USED		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	PVC - 20"	
PROTECTIVE CASING MATERIAL TYPE:	PVC	
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	2"	
LOCK PRESENT?		✓
LOCK FUNCTIONAL?		✓
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓
WELL MEASURING POINT VISIBLE?		✓
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	10.72'	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	9.63	
MEASURE WELL DIAMETER (Inches):	2"	
WELL CASING MATERIAL:	PVC	
PHYSICAL CONDITION OF VISIBLE WELL CASING:		
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	50'	

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Locked gate access to open grassy field area which has been mowed, power lines run parallel to field.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Located in fenced in area along Main Street.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None

REMARKS:

Heaved

Sketch

Well Coordinates:

NYTM X 572257.0740

NYTM Y 1538955.6520

SITE NAME: Korkay, Inc., Broadalbin, New York

MONITORING WELL FIELD INSPECTION LOG

SITE ID.: 5-18-014
INSPECTOR: Joseph Menzel
DATE/TIME:
WELL ID.: VEW-4

	YES	NO
WELL VISIBLE? (If not, provide directions below)		
WELL COORDINATES? NYTM X_____ NYTM Y_____ ~~NOT REQUIRED PER EARTH TECH AECOM~~		
PDOP Reading from Trimble Pathfinder:_____ Satelites: see Below		
GPS Method (circle) Trimble And/Or (Magellan)		
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) heaved		
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		

HEADSPACE READING (ppm) AND INSTRUMENT USED	
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	PVC - 25"
PROTECTIVE CASING MATERIAL TYPE:	PVC
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	2"

	YES	NO
LOCK PRESENT?		✓
LOCK FUNCTIONAL?		✓
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓
WELL MEASURING POINT VISIBLE?		✓

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	10.87'
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	9.66
MEASURE WELL DIAMETER (Inches):	2"
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	70'

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Locked access gate.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Level grassy field.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

None

REMARKS:

unprotected all VEW wells

Sketch

See Below!
Well Coordinates!
NYTM X 572250.1120
NYTM Y 1538955.6520

SITE NAME: Korkay, Inc., Broadalbin, New York

SITE ID.: 5-18-014
INSPECTOR: Joseph Menzel
DATE/TIME:
WELL ID.: MW-8S

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)		

WELL COORDINATES? NYTM X_____ NYTM Y_____ NOT REQUIRED PER EARTH TECH AECOM
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

	YES	NO
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	✓	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	✓	

HEADSPACE READING (ppm) AND INSTRUMENT USED	
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Steel
PROTECTIVE CASING MATERIAL TYPE:	Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	4"

	YES	NO
LOCK PRESENT?		✓
LOCK FUNCTIONAL?		✓
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓
WELL MEASURING POINT VISIBLE?		✓

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	10.82'
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	6.58
MEASURE WELL DIAMETER (Inches):	2"
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	20'

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

In driveway to home, 73 W. Main Street, overhead electrical line, 20' above well

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Located in driveway.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):

N/A

REMARKS:

No "J" plug / surface water Running into.

Sketch

needs new 2" J plug — go here +

SITE NAME: Korkay, Inc., Broadalbin, New York

SITE ID.: 5-18-014
INSPECTOR: Joseph Menzel
DATE/TIME:
WELL ID.: MW-8D

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)		

WELL COORDINATES? NYTM X_____ NYTM Y_____ NOT REQUIRED PER EARTH TECH AECOM
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	N/A	✓
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

	YES	NO
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	✓	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	✓	

HEADSPACE READING (ppm) AND INSTRUMENT USED
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): Steel, 9"
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

	YES	NO
LOCK PRESENT?		✓
LOCK FUNCTIONAL?		✓
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		✓
WELL MEASURING POINT VISIBLE?	✓	

WELL DEPTH FROM MEASURING POINT (Feet): 54.25'
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): ~~27.13'~~
MEASURE WELL DIAMETER (Inches): 2"
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: Good except for 3 pl.
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: 20'

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Located in driveway, overhead electrical line.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Located in driveway at 73 W. Main Street.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):

REMARKS:

Broken 1-1/2" J Plug so seal isn't secure

Sketch

SITE NAME: Korkay, Inc., Broadalbin, New York

SITE ID.: 5-18-014
INSPECTOR: Joseph Menzel
DATE/TIME:
WELL ID.: MW-15S

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)		
WELL COORDINATES? NYTM X_____ NYTM Y_____ NOT REQUIRED PER EARTH TECH AECOM		
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____		
GPS Method (circle) Trimble And/Or Magellan		
WELL I.D. VISIBLE?		
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)		
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	✓	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	✓	
HEADSPACE READING (ppm) AND INSTRUMENT USED		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Steel, 32"	
PROTECTIVE CASING MATERIAL TYPE:		
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	4"	
LOCK PRESENT?	✓	
LOCK FUNCTIONAL?	✓	
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓
WELL MEASURING POINT VISIBLE?	✓	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	12.58'	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	7.38	
MEASURE WELL DIAMETER (Inches):	2"	
WELL CASING MATERIAL:	PVC	
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good	
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	250'	

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Locked access gate, far end of area.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Level grassy field.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Sketch

SITE NAME: Korkay, Inc., Broadalbin, New York

SITE ID.: 5-18-014
INSPECTOR: Joseph Menzel
DATE/TIME:
WEll ID.: MW-15D

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)		
WELL COORDINATES? NYTM X_____ NYTM Y_____ ~~NOT REQUIRED PER EARTH TECH AECOM~~		
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____ n/a		
GPS Method (circle) Trimble And/Or Magellan		
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	✓	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	✓	

HEADSPACE READING (ppm) AND INSTRUMENT USED	
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Steel, 30"
PROTECTIVE CASING MATERIAL TYPE:	
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	4"

	YES	NO
LOCK PRESENT?	✓	
LOCK FUNCTIONAL?	✓	
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓
WELL MEASURING POINT VISIBLE?	✓	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	43.94'
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	27.22
MEASURE WELL DIAMETER (Inches):	2"
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	250'

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Locked access gate and fenced back of field.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Level grassy field.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):

None.

REMARKS: none

Sketch

Appendix B
Field Observation Logs
Groundwater Sampling Records

FIELD OBSERVATION LOG - GROUNDWATER SAMPLING RECORD

SITE NAME: Korkay, Inc. DATE: SAMPLER(S): Joe Menzel (Geologic NY Inc)

SITE #: 5-18-014 ADDRESS: Broadalbin, New York

Work Assignment: D004445-20

Weather: 30's Rain Time of Arrival: 7:30 Time of Departure: 2:30

Well ID	K-3	MW-45 D	MW-45 S	VW-1	Comments
Well Depth MEASURED		49.94	12.58	9.70	
Well Diameter	2"	2"	2"	2"	
Well Construction PVC Stain Steel	PVC	PVC	PVC	PVC	
Well Condition Good, Fair, Poor					
Depth to Water	8.03	27.22	7.38	9.10	
Volume to Purge	2.5	7.5	2.4	.39	
Volume Purged	2.5	7.5	2.5	.4	
Sampling Depth to Water	8.91	38.62		9.5	
Color	Clear	Clear	Clear	Clear	
Odor	NO	NO	yes Gasoline Like Aroma	yes 0.1%	
Temperature	10.5	9.3	10.5	11.6	
Conductivity	.42	.18	.21	.69	
pH	8.3	8.9	7.8	6.9	
Turbidity	74.8	25.45	20.55	72.17	
Date & Time	11-25-08 8:43 AM	11-25-08 9:20 AM	11-25-08 9:40 AM	11-25-08 10:10 AM	
Purging Method: Submersible or Peristaltic Pump	Bailer	Bailer	Bailer	Bailer	
				Sheen	

FIELD OBSERVATION LOG - GROUNDWATER SAMPLING RECORD

SITE NAME: Korkay, Inc. DATE: SAMPLER(S): Joe Menzel (Geologic NY Inc)

SITE #: 5-18-014 ADDRESS: Broadalbin, New York

Work Assignment: D004445-20

Weather: 30's Rain Time of Arrival: 7:30 Time of Departure: 2:30

Well ID	K-2	VEW-2	VEW-3	VEW-4	Comments
Well Depth MEASURED	13.82	10.89	10.72	10.87	
Well Diameter	2"	2"	2"	2"	
Well Construction PVC Stain Steel	PVC	PVC	PVC	PVC	
Well Condition Good, Fair, Poor					
Depth to Water	8.98	8.99	9.63	9.66	
Volume to Purge	2.40	.48	.48	.48	
Volume Purged	2.50	.50	.50	.50	
Sampling Depth to Water	9.48	10.26	10.31	9.89	
Color	clear	clear	clear		
Odor	Oily	Yes chemical	NO	Yes Chemical	
Temperature	11.9	11.7	11.4	11.5	
Conductivity	.046	.042	.046	.77	
pH	7.0	7.0	7.0	7.1	
Turbidity	60.11	127.7	77.16	78.38	
Date & Time	11-25-08 10:20 am	11-25-08 10:40 a.m	11-25-08 10:55 am	11-25-08 11:15 am	
Purging Method: Submersible or Peristaltic Pump	Bailer	Bailer	Bailer	Bailer	

FIELD OBSERVATION LOG - GROUNDWATER SAMPLING RECORD

SITE NAME: Korkay, Inc. DATE: SAMPLER(S): Joe Menzel (Geologic NY Inc)

SITE #: 5-18-014 ADDRESS: Broadalbin, New York

Work Assignment: D004445-20

Weather: 30's Rain + Show Time of Arrival: 7:30 Time of Departure: 2:30

Well ID	~~AOS~~ ASW	Flush Mount	MW-8S	MW-8D	Comments
Well Depth MEASURED	13.55	54.48	10.82	54.25	
Well Diameter	2"	~~2B~~ 2"	2"	2"	
Well Construction PVC Stain Steel	PVC	PVC	PVC	PVC	
Well Condition Good, Fair, Poor					
Depth to Water	8.74	28.37	6.50	27.13	
Volume to Purge	2.4	9.5	1 gal	12.9	
Volume Purged	2.5	9.5	1 gal	13	
Sampling Depth to Water					
Color	clear	Clear	clear	Clear	
Odor	Septic	no	NO	NO	
Temperature	12.3	8.4	11.2	10.3	
Conductivity	.68	1.04	.31	.64	
pH	7.0	11.2	8.2	10.5	
Turbidity	34.36	50.01	71.41	24.66	
Date & Time	10-25-08 11:30 am	11-25-08 11:50 am	11-25-08 12:15 pm		
Purging Method: Submersible or Peristaltic Pump	Bailer	Submersible pump sampled Bailer	Bailer	Bailer	

Appendix C
Laboratory Report

MITKEM LABORATORIES

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

December 10, 2008

Earth Tech – AECOM
40 British American Boulevard
Latham, NY 12110
Attn: Mr. Scott Underhill

RE: Client Project: Korkay, Inc.
Lab Project #: G2223

Dear Mr. Underhill:

Enclosed please find the data report of the required analyses for the samples associated with the above referenced project.

If you have any questions regarding this report, please call me.

We appreciate your business.

Sincerely,

Shirley S. Ng
Project Manager

175 Metro Center Boulevard • Warwick, Rhode Island 02886-1755 • 401-732-3400 • Fax 401-732-3499
www.mitkem.com

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Identification and Analytical Requirements Summary

Project Name : Korkay Inc **SDG :** G2223

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
ASW	G2223-01	SW8260_W				
FLUSH MOUNT	G2223-02	SW8260_W				
MW-8S	G2223-03	SW8260_W				
MW-8D	G2223-04	SW8260_W				
MW-K2	G2223-05	SW8260_W				
VEW-3	G2223-06	SW8260_W				
VEW-4	G2223-07	SW8260_W				
VEW-2	G2223-08	SW8260_W				
MW-K3	G2223-09	SW8260_W				
MW-15D	G2223-10	SW8260_W				
MW-15S	G2223-11	SW8260_W				
VEW-1	G2223-12	SW8260_W				
Trip Blank	G2223-13	SW8260_W				

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSVOA

Project Name : Korkay Inc **SDG :** G2223

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260_W					
G2223-01A	AQ	11/25/2008	11/26/2008	NA	12/4/2008
G2223-01ADL	AQ	11/25/2008	11/26/2008	NA	12/4/2008
G2223-02A	AQ	11/25/2008	11/26/2008	NA	12/4/2008
G2223-03A	AQ	11/25/2008	11/26/2008	NA	11/29/2008
G2223-04A	AQ	11/25/2008	11/26/2008	NA	11/29/2008
G2223-05A	AQ	11/25/2008	11/26/2008	NA	11/29/2008
G2223-06A	AQ	11/25/2008	11/26/2008	NA	11/29/2008
G2223-07A	AQ	11/25/2008	11/26/2008	NA	12/4/2008
G2223-08A	AQ	11/25/2008	11/26/2008	NA	12/4/2008
G2223-09A	AQ	11/25/2008	11/26/2008	NA	12/4/2008
G2223-10A	AQ	11/25/2008	11/26/2008	NA	12/4/2008
G2223-11A	AQ	11/25/2008	11/26/2008	NA	12/4/2008
G2223-12A	AQ	11/25/2008	11/26/2008	NA	12/4/2008
G2223-12ADL	AQ	11/25/2008	11/26/2008	NA	12/4/2008
G2223-13A	AQ	11/25/2008	11/26/2008	NA	12/4/2008

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSVOA

Project Name : Korkay Inc **SDG :** G2223

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260_W					
G2223-01A	AQ	SW8260_W	NA	LOW	5
G2223-01ADL	AQ	SW8260_W	NA	LOW	20
G2223-02A	AQ	SW8260_W	NA	LOW	1
G2223-03A	AQ	SW8260_W	NA	LOW	1
G2223-04A	AQ	SW8260_W	NA	LOW	1
G2223-05A	AQ	SW8260_W	NA	LOW	1
G2223-06A	AQ	SW8260_W	NA	LOW	1
G2223-07A	AQ	SW8260_W	NA	LOW	1
G2223-08A	AQ	SW8260_W	NA	LOW	1
G2223-09A	AQ	SW8260_W	NA	LOW	1
G2223-10A	AQ	SW8260_W	NA	LOW	1
G2223-11A	AQ	SW8260_W	NA	LOW	1
G2223-12A	AQ	SW8260_W	NA	LOW	1
G2223-12ADL	AQ	SW8260_W	NA	LOW	5
G2223-13A	AQ	SW8260_W	NA	LOW	1

Analytical Data Package for Earth Tech – AECOM

Client Project: Korkay, Inc.

SDG# MG2223

Mitkem Work Order ID: G2223

December 10, 2008

Prepared For:

Earth Tech – AECOM
40 British American Boulevard
Latham, NY 12110
Attn: Ms. Lori Hoose

Prepared By:

Mitkem Laboratories
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to Earth Tech – AECOM's Korkay, Inc. project. Under this deliverable, analysis results are presented for thirteen aqueous samples that were received on November 26, 2008. Analyses were performed per specifications in the project's contract, discussion with client and the chain of custody form. Following the narrative is the Mitkem Work Order for cross-referencing client sample ID and laboratory sample ID.

The analyses were performed according to NYSDEC ASP protocols and reported per NYSDEC ASP requirement for Category A deliverable.

The following observation and/or deviations are observed for the following analyses:

1. Overall Observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous – under this category, the justification is explained.
- M6 software did not integrate peak
- M7 partial peak integration

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

1. Volatile Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample/ lab control sample duplicate: spike recoveries and replicate RPDs were within QC limits.

Sample analysis: due to high concentration of target analytes, sample ASW was initially analyzed at 5x dilution and re-analyzed at 20x dilution as ASW DL. Sample VEW-1 was re-analyzed at 5x dilution as VEW-1DL. No other unusual observation was made for the analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Shirley Ng
Project Manager
12/10/08

Sample Transmittal Documentation

Mitkem Laboratories

10/Dec/08 9:48

WorkOrder: G2223

Client ID: EARTH_NY **Case:** **HC Due:** 12/12/08 **Report Level:** ASP-A
Project: Korkay Inc **SDG:** **Fax Due:** **EDD:**
Location: **PO:** 99165
Comments: N/A

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
G2223-01A	ASW	11/25/2008 11:30	11/26/2008	Aqueous	SW8260_W		☐	☐	☐	VOA
G2223-02A	FLUSH MOUNT	11/25/2008 11:50	11/26/2008	Aqueous	SW8260_W		☐	☐	☐	VOA
G2223-03A	MW-8S	11/25/2008 12:15	11/26/2008	Aqueous	SW8260_W		☐	☐	☐	VOA
G2223-04A	MW-8D	11/25/2008 13:00	11/26/2008	Aqueous	SW8260_W		☐	☐	☐	VOA
G2223-05A	MW-K2	11/25/2008 10:20	11/26/2008	Aqueous	SW8260_W		☐	☐	☐	VOA
G2223-06A	VEW-3	11/25/2008 10:55	11/26/2008	Aqueous	SW8260_W		☐	☐	☐	VOA
G2223-07A	VEW-4	11/25/2008 11:15	11/26/2008	Aqueous	SW8260_W		☐	☐	☐	VOA
G2223-08A	VEW-2	11/25/2008 10:40	11/26/2008	Aqueous	SW8260_W		☐	☐	☐	VOA
G2223-09A	MW-K3	11/25/2008 8:43	11/26/2008	Aqueous	SW8260_W		☐	☐	☐	VOA
G2223-10A	MW-15D	11/25/2008 9:20	11/26/2008	Aqueous	SW8260_W		☐	☐	☐	VOA

Client Rep: Shirley S Ng

Client ID: EARTH_NY **Case:** **HC Due:** 12/12/08 **Report Level:** ASP-A
Project: Korkay Inc **SDG:** **Fax Due:** **EDD:**
Location: **PO:** 99165
Comments: N/A

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
G2223-11A	MW-15S	11/25/2008 9:40	11/26/2008	Aqueous	SW8260_W		☐	☐	☐	VOA
G2223-12A	VEW-1	11/25/2008 10:10	11/26/2008	Aqueous	SW8260_W		☐	☐	☐	VOA
G2223-13A	Trip Blank	11/25/2008 0:00	11/26/2008	Aqueous	SW8260_W		☐	☐	☐	VOA

Client Rep: Shirley S Ng

MITKEM LABORATORIES

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] Standard TAT - 10 to 15 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: AECOM - 40 British American Blvd. Latham, NY 12110

Project Mgr.: Lori Hoose

Invoice To: Steve Choireri AECOM 40 British American Blvd. Latham, NY 12110

P.O. No.: 99165 RQN: _____

Project No.: 5-18-014

Site Name: Korkag, Inc

Location: Broadalbin State: NY

Sampler(s): Geologic

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id: G2223	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: TCL VOCs 8260	QA Reporting Notes: (check if needed)
01	ASW	11-25-08	11:30	G	GW	2	3				x	
02	Flush Mount		11:50				3				x	
03	MW-8S		12:15				3				x	
04	MW-8D		13:0				3				x	
05	MW-K2		10:20				3				x	
06	VEW-3		10:55				3				x	
07	VEW-4		11:15				3				x	
08	VEW-2		10:40				3				x	
09	MW-K3		8:43				3				x	
10	MW-15D		9:20				3				x	

QA Reporting Notes (check if needed):
- [ ] Provide MA DEP MCP CAM Report
- [ ] Provide CT DEP RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

State specific reporting standards: _____

- [ ] Fax results when available to (_____) _____
- [x] E-mail to Lori.Hoose@aecom.com
- EDD Format _____

Condition upon receipt: [x] Iced [ ] Ambient [x] °C 6°

Relinquished by:	Received by:	Date:	Time:
Joseph A Mangel	C Nadeau	11/26/08	11:00

1555

MITKEM LABORATORIES

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] Standard TAT - 10 to 15 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Earth Tech / AECOM
40 British American Blvd.
Latham, NY 12110

Project Mgr.: Lori Hoose

Invoice To: Steve Choineri
AECOM
40 British American Blvd
Latham, NY 12110

P.O. No.: 99165 RQN: _____

Project No.: 5-18-014
Site Name: Korkay, Inc.
Location: Broadalbin State: NY
Sampler(s): Geologic

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id: 62223	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: TCL VOCs 8260							QA Reporting Notes: (check if needed)
11	MW-15S	11-25-08	9:40	G	GW	2	3				X							
12	USW-1	11-25-08	10:10	G	GW	2	3				X							

☐ Provide MA DEP MCP CAM Report
☐ Provide CT DEP RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____

State specific reporting standards: _____

☐ Fax results when available to (____) _____
☒ E-mail to Lori.Hoose@aecom.com
EDD Format _____

Condition upon receipt: ☑ Iced ☐ Ambient ☑ C 1.6°

Relinquished by:	Received by:	Date:	Time:
Joseph A Mazzeo	C Nelson	11/26/08	11:00

6223

MITKEM LABORATORIES
Sample Condition Form

Received By: CAV | Reviewed By: SN | Date: 11/26/08 | MITKEM Workorder #: G2223

Client Project: KacKay | Client: EArth

1) Cooler Sealed (Yes) / No

2) Custody Seal(s) (Present) / Absent
(Coolers) / Bottles
Intact / Broken

3) Custody Seal Number(s) NA

4) Chain-of-Custody (Present) / Absent

5) Cooler Temperature 6 °C
Coolant Condition ICE

6) Airbill(s) (Present) / Absent
Airbill Number(s) UPS
4365277 4615

7) Sample Bottles (Intact) / Broken/Leaking

8) Date Received 11/26/08

9) Time Received 11:00

Preservative Name/Lot No:

Lab Sample ID		Preservation (pH) HNO_3	H_2SO_4	HCl	NaOH	H_3PO_4	VOA Matrix	Soil Headspace or Air Bubbles ≥ 1/4"
G2223	01						H	
	02							
	03							
	04							
	05							
	06							
	07							
	08							
	09							
	10							
	11							
	12							
G2223	13						H	
G2223	14			SN 11/26/08			H	

VOA Matrix Key:

US = Unpreserved Soil	**A** = Air
UA = Unpreserved Aqu.	**H** = HCl
M= MeOH	**E** = Encore
N = $NaHSO_4$	**F** = Freeze

CAV 11-26-08

See Sample Condition Notification/Corrective Action Form (yes) / no

SN 11/26/08
Rad OK yes/ no

Sample Condition Notification

Mitkem Project#: G2223 **Date of Receipt:** 11/26/08
Client: Earth Tech **Received By:** CAN
Client project #/name: Korkay

Unusual Occurance Description:

Trip Blank was received but not listed on COC, logged in as G2223-13.

Client Contacted:

Contacted via: Phone/Fax/E-mail
Date:_____ **Time:**_____
Contacted By:_____
Name of person contacted:_____

Client Response:

Responded via: Phone/Fax/E-mail
Date:_____
Name of person responding:_____
Responding to:_____

See e-mail

Mitkem Action Taken:

Shirley Ng [Mitkem]

From: Hoose, Lori [Lori.Hoose@aecom.com]
Sent: Monday, December 01, 2008 9:11 AM
To: Shirley Ng [Mitkem]
Cc: Sarah McCulloch
Subject: RE: G2223--Korkay TB was not listed on COC

Shirley,

Yes, analyze it for VOA's.

Sarah,

Could you check your chain of custody's?

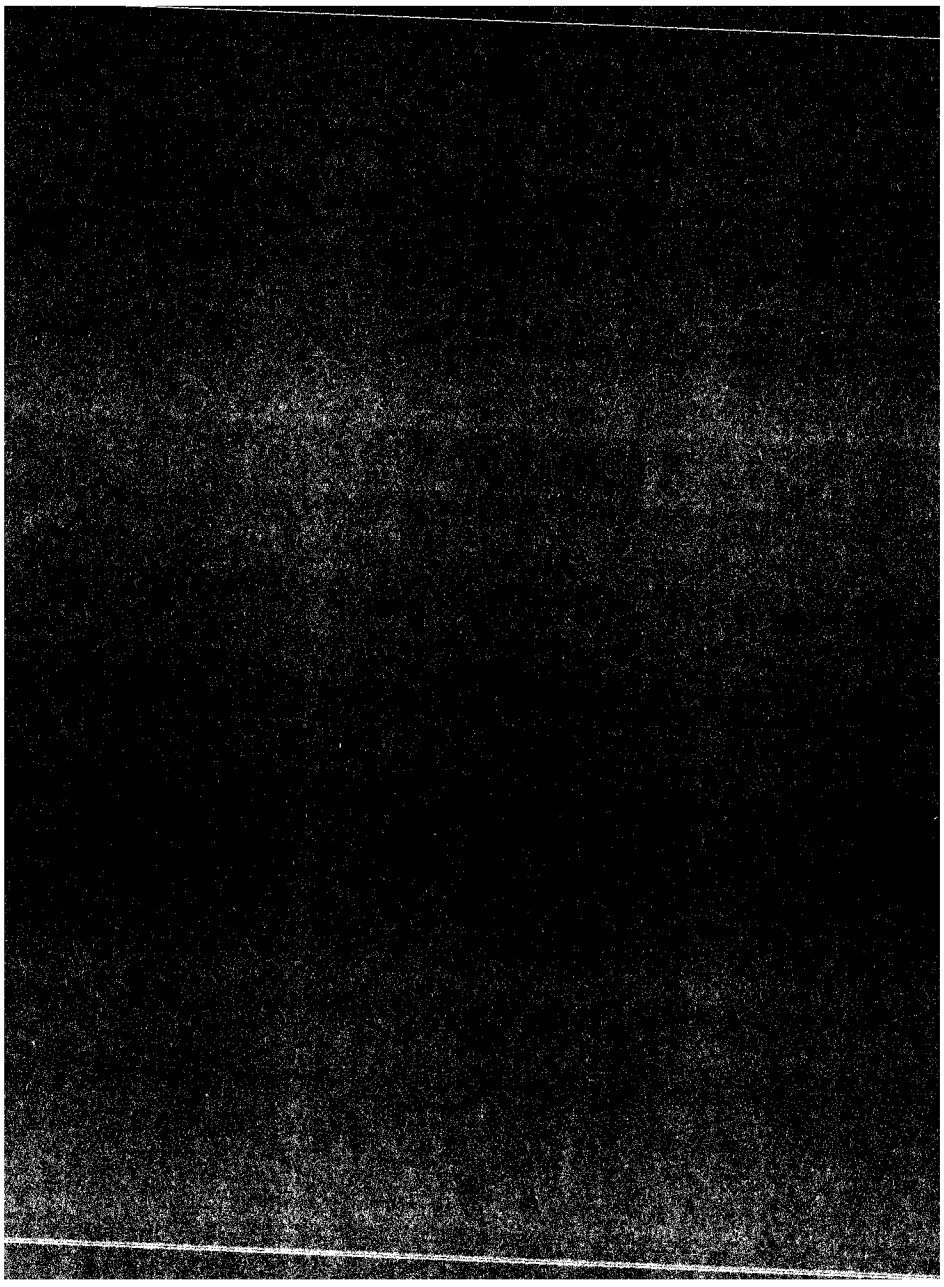
Lori

From: Shirley Ng [Mitkem] [mailto:sng@mitkem.com]
Sent: Monday, December 01, 2008 8:54 AM
To: Hoose, Lori
Subject: G2223--Korkay TB was not listed on COC

Hi Lori,
A set of Trip Blank was received but not listed on the COC. Should we analysis this for SW8260 ?

Shirley Ng
Project Manager
Mitkem Laboratories
A Division of Spectrum Analytical, Inc.
Featuring Hanibal Technology
175 Metro Center Blvd
Warwick, RI 02886
401-732-3400 x314
401-732-3499 (Fax)
sng@mitkem.com

www.spectrum-analytical.com



1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ASW

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2234.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
67-64-1	Acetone	25	U
74-88-4	Iodomethane	25	U
75-15-0	Carbon disulfide	25	U
75-09-2	Methylene chloride	25	U
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-butyl ether	25	U
75-34-3	1,1-Dichloroethane	25	U
108-05-4	Vinyl acetate	25	U
78-93-3	2-Butanone	13	J
156-59-2	cis-1,2-Dichloroethene	72	
594-20-7	2,2-Dichloropropane	25	U
74-97-5	Bromochloromethane	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	25	U
563-58-6	1,1-Dichloropropene	25	U
56-23-5	Carbon tetrachloride	25	U
107-06-2	1,2-Dichloroethane	25	U
71-43-2	Benzene	25	U
79-01-6	Trichloroethene	8.2	BJ
78-87-5	1,2-Dichloropropane	25	U
74-95-3	Dibromomethane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-pentanone	25	U
108-88-3	Toluene	26	
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
142-28-9	1,3-Dichloropropane	25	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ASW

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2234.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	25	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
630-20-6	1,1,1,2-Tetrachloroethane	25	U
100-41-4	Ethylbenzene	430	
1330-20-7	m,p-Xylene	2000	E
95-47-6	o-Xylene	1100	E
1330-20-7	Xylene (Total)	3100	E
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	86	
79-34-5	1,1,2,2-Tetrachloroethane	25	U
108-86-1	Bromobenzene	25	U
96-18-4	1,2,3-Trichloropropane	25	U
103-65-1	n-Propylbenzene	120	
95-49-8	2-Chlorotoluene	25	U
108-67-8	1,3,5-Trimethylbenzene	360	
106-43-4	4-Chlorotoluene	25	U
98-06-6	tert-Butylbenzene	25	U
95-63-6	1,2,4-Trimethylbenzene	1100	E
135-98-8	sec-Butylbenzene	46	
99-87-6	4-Isopropyltoluene	61	
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
104-51-8	n-Butylbenzene	91	
95-50-1	1,2-Dichlorobenzene	34	
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
87-68-3	Hexachlorobutadiene	25	U
87-61-6	1,2,3-Trichlorobenzene	25	U
91-20-3	Naphthalene	160	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ASWDL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-01ADL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2258.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 20.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Chloromethane	100	U
75-01-4	Vinyl chloride	100	U
74-83-9	Bromomethane	100	U
75-00-3	Chloroethane	100	U
75-69-4	Trichlorofluoromethane	100	U
75-35-4	1,1-Dichloroethene	100	U
67-64-1	Acetone	100	U
74-88-4	Iodomethane	100	U
75-15-0	Carbon disulfide	100	U
75-09-2	Methylene chloride	100	U
156-60-5	trans-1,2-Dichloroethene	100	U
1634-04-4	Methyl tert-butyl ether	100	U
75-34-3	1,1-Dichloroethane	100	U
108-05-4	Vinyl acetate	100	U
78-93-3	2-Butanone	100	U
156-59-2	cis-1,2-Dichloroethene	63	DJ
594-20-7	2,2-Dichloropropane	100	U
74-97-5	Bromochloromethane	100	U
67-66-3	Chloroform	100	U
71-55-6	1,1,1-Trichloroethane	100	U
563-58-6	1,1-Dichloropropene	100	U
56-23-5	Carbon tetrachloride	100	U
107-06-2	1,2-Dichloroethane	100	U
71-43-2	Benzene	100	U
79-01-6	Trichloroethene	100	U
78-87-5	1,2-Dichloropropane	100	U
74-95-3	Dibromomethane	100	U
75-27-4	Bromodichloromethane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
108-10-1	4-Methyl-2-pentanone	100	U
108-88-3	Toluene	22	DJ
10061-02-6	trans-1,3-Dichloropropene	100	U
79-00-5	1,1,2-Trichloroethane	100	U
142-28-9	1,3-Dichloropropane	100	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ASWDL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-01ADL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2258.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 20.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	100	U
591-78-6	2-Hexanone	100	U
124-48-1	Dibromochloromethane	100	U
106-93-4	1,2-Dibromoethane	100	U
108-90-7	Chlorobenzene	100	U
630-20-6	1,1,1,2-Tetrachloroethane	100	U
100-41-4	Ethylbenzene	390	D
1330-20-7	m,p-Xylene	2100	D
95-47-6	o-Xylene	1000	D
1330-20-7	Xylene (Total)	3100	D
100-42-5	Styrene	100	U
75-25-2	Bromoform	100	U
98-82-8	Isopropylbenzene	78	DJ
79-34-5	1,1,2,2-Tetrachloroethane	100	U
108-86-1	Bromobenzene	100	U
96-18-4	1,2,3-Trichloropropane	100	U
103-65-1	n-Propylbenzene	100	D
95-49-8	2-Chlorotoluene	100	U
108-67-8	1,3,5-Trimethylbenzene	330	D
106-43-4	4-Chlorotoluene	100	U
98-06-6	tert-Butylbenzene	100	U
95-63-6	1,2,4-Trimethylbenzene	1100	D
135-98-8	sec-Butylbenzene	42	DJ
99-87-6	4-Isopropyltoluene	100	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
104-51-8	n-Butylbenzene	79	DJ
95-50-1	1,2-Dichlorobenzene	29	DJ
96-12-8	1,2-Dibromo-3-chloropropane	100	U
120-82-1	1,2,4-Trichlorobenzene	100	U
87-68-3	Hexachlorobutadiene	100	U
87-61-6	1,2,3-Trichlorobenzene	100	U
91-20-3	Naphthalene	130	D

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FLUSH MOUNT

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2248.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FLUSH MOUNT

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2248.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8S

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-03A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2081.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	1.3	J
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

SW846

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8S

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-03A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2081.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	11	
1330-20-7	m,p-Xylene	28	
95-47-6	o-Xylene	19	
1330-20-7	Xylene (Total)	47	
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	9.6	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	14	
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	36	
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	89	
135-98-8	sec-Butylbenzene	6.8	
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	12	
95-50-1	1,2-Dichlorobenzene	5.6	
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	10	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8D

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-04A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2082.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8D

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-04A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2082.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	1.6	J
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	1.2	J

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-K2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-05A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2083.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	6.2	
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-K2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-05A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2083.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	1.5	J
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	9.3	
1330-20-7	m,p-Xylene	14	
95-47-6	o-Xylene	17	
1330-20-7	Xylene (Total)	31	
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.7	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	13	
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	8.4	
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	81	
135-98-8	sec-Butylbenzene	18	
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	23	
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.4	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VEW-3

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-06A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2084.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	11	
156-59-2	cis-1,2-Dichloroethene	2.6	J
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	7.9	
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VEW-3

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-06A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2084.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	1.2	J
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	38	
1330-20-7	m,p-Xylene	150	
95-47-6	o-Xylene	110	
1330-20-7	Xylene (Total)	260	
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	6.9	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	8.9	
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	110	
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	130	
135-98-8	sec-Butylbenzene	5.1	
99-87-6	4-Isopropyltoluene	12	
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	15	
95-50-1	1,2-Dichlorobenzene	25	
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	45	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VEW-4

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-07A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2249.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	8.8	
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	8.1	
156-59-2	cis-1,2-Dichloroethene	3.5	J
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	3.0	J
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	7.8	
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VEW-4

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-07A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2249.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	17	
1330-20-7	m,p-Xylene	84	
95-47-6	o-Xylene	180	
1330-20-7	Xylene (Total)	270	
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	4.5	J
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	3.3	J
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	100	
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	170	
135-98-8	sec-Butylbenzene	4.1	J
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	1.0	J
104-51-8	n-Butylbenzene	14	
95-50-1	1,2-Dichlorobenzene	16	
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	60	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VEW-2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-08A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2250.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	4.6	J
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

SW846

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VEW-2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-08A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2250.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	1.6	J
1330-20-7	m,p-Xylene	1.8	J
95-47-6	o-Xylene	4.5	J
1330-20-7	Xylene (Total)	6.3	
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	1.1	J
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	9.8	
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	1.2	J
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	4.4	J

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-K3

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-09A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2251.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

SW846

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-K3

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-09A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2251.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	1.2	J
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-15D

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-10A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2252.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

SW846

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-15D

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-10A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2252.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-15S

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-11A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2253.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.3	J
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

SW846

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-15S

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-11A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2253.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	2.6	J
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	25	
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	1.4	J
95-63-6	1,2,4-Trimethylbenzene	29	
135-98-8	sec-Butylbenzene	18	
99-87-6	4-Isopropyltoluene	32	
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	24	
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VEW-1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-12A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2254.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	34	
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	17	
156-59-2	cis-1,2-Dichloroethene	84	
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	3.1	J
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	4.4	J
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VEW-1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-12A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2254.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	1.7	J
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	54	
1330-20-7	m,p-Xylene	100	
95-47-6	o-Xylene	320	E
1330-20-7	Xylene (Total)	420	
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	30	
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	360	E
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	360	E
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	2.3	J
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	34	
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VEW-1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-12ADL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2275.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
67-64-1	Acetone	25	U
74-88-4	Iodomethane	25	U
75-15-0	Carbon disulfide	25	U
75-09-2	Methylene chloride	25	U
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-butyl ether	25	U
75-34-3	1,1-Dichloroethane	25	U
108-05-4	Vinyl acetate	25	U
78-93-3	2-Butanone	25	U
156-59-2	cis-1,2-Dichloroethene	76	D
594-20-7	2,2-Dichloropropane	25	U
74-97-5	Bromochloromethane	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	25	U
563-58-6	1,1-Dichloropropene	25	U
56-23-5	Carbon tetrachloride	25	U
107-06-2	1,2-Dichloroethane	25	U
71-43-2	Benzene	25	U
79-01-6	Trichloroethene	25	U
78-87-5	1,2-Dichloropropane	25	U
74-95-3	Dibromomethane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-pentanone	25	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
142-28-9	1,3-Dichloropropane	25	U

SW846

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VEW-1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-12ADL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2275.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	25	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
630-20-6	1,1,1,2-Tetrachloroethane	25	U
100-41-4	Ethylbenzene	50	D
1330-20-7	m,p-Xylene	98	D
95-47-6	o-Xylene	330	D
1330-20-7	Xylene (Total)	430	D
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	21	DJ
79-34-5	1,1,2,2-Tetrachloroethane	25	U
108-86-1	Bromobenzene	25	U
96-18-4	1,2,3-Trichloropropane	25	U
103-65-1	n-Propylbenzene	29	D
95-49-8	2-Chlorotoluene	25	U
108-67-8	1,3,5-Trimethylbenzene	410	D
106-43-4	4-Chlorotoluene	25	U
98-06-6	tert-Butylbenzene	25	U
95-63-6	1,2,4-Trimethylbenzene	410	D
135-98-8	sec-Butylbenzene	31	D
99-87-6	4-Isopropyltoluene	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
104-51-8	n-Butylbenzene	82	D
95-50-1	1,2-Dichlorobenzene	34	D
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
87-68-3	Hexachlorobutadiene	25	U
87-61-6	1,2,3-Trichlorobenzene	25	U
91-20-3	Naphthalene	150	D

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Trip Blank

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-13A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2247.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

SW846

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Trip Blank

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2223-13A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2247.D

Level: (TRACE/LOW/MED) LOW Date Received: 11/26/2008

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1ILCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-40389

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2065.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	39	
74-87-3	Chloromethane	45	
75-01-4	Vinyl chloride	43	
74-83-9	Bromomethane	51	
75-00-3	Chloroethane	47	
75-69-4	Trichlorofluoromethane	47	
75-35-4	1,1-Dichloroethene	45	
67-64-1	Acetone	48	
74-88-4	Iodomethane	51	
75-15-0	Carbon disulfide	38	
75-09-2	Methylene chloride	47	
156-60-5	trans-1,2-Dichloroethene	47	
1634-04-4	Methyl tert-butyl ether	51	
75-34-3	1,1-Dichloroethane	48	
108-05-4	Vinyl acetate	51	
78-93-3	2-Butanone	53	
156-59-2	cis-1,2-Dichloroethene	49	
594-20-7	2,2-Dichloropropane	48	
74-97-5	Bromochloromethane	55	
67-66-3	Chloroform	49	
71-55-6	1,1,1-Trichloroethane	47	
563-58-6	1,1-Dichloropropene	45	
56-23-5	Carbon tetrachloride	46	
107-06-2	1,2-Dichloroethane	51	
71-43-2	Benzene	49	
79-01-6	Trichloroethene	48	
78-87-5	1,2-Dichloropropane	51	
74-95-3	Dibromomethane	52	
75-27-4	Bromodichloromethane	50	
10061-01-5	cis-1,3-Dichloropropene	52	
108-10-1	4-Methyl-2-pentanone	53	
108-88-3	Toluene	49	
10061-02-6	trans-1,3-Dichloropropene	52	
79-00-5	1,1,2-Trichloroethane	52	
142-28-9	1,3-Dichloropropane	52	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1ILCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-40389

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2065.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	50	
591-78-6	2-Hexanone	52	
124-48-1	Dibromochloromethane	52	
106-93-4	1,2-Dibromoethane	54	
108-90-7	Chlorobenzene	51	
630-20-6	1,1,1,2-Tetrachloroethane	53	
100-41-4	Ethylbenzene	49	
1330-20-7	m,p-Xylene	99	
95-47-6	o-Xylene	50	
1330-20-7	Xylene (Total)	150	
100-42-5	Styrene	49	
75-25-2	Bromoform	56	
98-82-8	Isopropylbenzene	49	
79-34-5	1,1,2,2-Tetrachloroethane	52	
108-86-1	Bromobenzene	49	
96-18-4	1,2,3-Trichloropropane	53	
103-65-1	n-Propylbenzene	47	
95-49-8	2-Chlorotoluene	48	
108-67-8	1,3,5-Trimethylbenzene	48	
106-43-4	4-Chlorotoluene	49	
98-06-6	tert-Butylbenzene	47	
95-63-6	1,2,4-Trimethylbenzene	48	
135-98-8	sec-Butylbenzene	47	
99-87-6	4-Isopropyltoluene	47	
541-73-1	1,3-Dichlorobenzene	49	
106-46-7	1,4-Dichlorobenzene	49	
104-51-8	n-Butylbenzene	47	
95-50-1	1,2-Dichlorobenzene	49	
96-12-8	1,2-Dibromo-3-chloropropane	52	
120-82-1	1,2,4-Trichlorobenzene	48	
87-68-3	Hexachlorobutadiene	47	
87-61-6	1,2,3-Trichlorobenzene	46	
91-20-3	Naphthalene	44	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1ILCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-40389

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2066.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	35	
74-87-3	Chloromethane	41	
75-01-4	Vinyl chloride	38	
74-83-9	Bromomethane	46	
75-00-3	Chloroethane	43	
75-69-4	Trichlorofluoromethane	44	
75-35-4	1,1-Dichloroethene	40	
67-64-1	Acetone	46	
74-88-4	Iodomethane	49	
75-15-0	Carbon disulfide	35	
75-09-2	Methylene chloride	45	
156-60-5	trans-1,2-Dichloroethene	43	
1634-04-4	Methyl tert-butyl ether	50	
75-34-3	1,1-Dichloroethane	45	
108-05-4	Vinyl acetate	49	
78-93-3	2-Butanone	53	
156-59-2	cis-1,2-Dichloroethene	46	
594-20-7	2,2-Dichloropropane	43	
74-97-5	Bromochloromethane	52	
67-66-3	Chloroform	46	
71-55-6	1,1,1-Trichloroethane	44	
563-58-6	1,1-Dichloropropene	41	
56-23-5	Carbon tetrachloride	42	
107-06-2	1,2-Dichloroethane	49	
71-43-2	Benzene	45	
79-01-6	Trichloroethene	45	
78-87-5	1,2-Dichloropropane	48	
74-95-3	Dibromomethane	50	
75-27-4	Bromodichloromethane	49	
10061-01-5	cis-1,3-Dichloropropene	49	
108-10-1	4-Methyl-2-pentanone	53	
108-88-3	Toluene	46	
10061-02-6	trans-1,3-Dichloropropene	51	
79-00-5	1,1,2-Trichloroethane	50	
142-28-9	1,3-Dichloropropane	51	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1ILCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-40389

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2066.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	47	
591-78-6	2-Hexanone	53	
124-48-1	Dibromochloromethane	52	
106-93-4	1,2-Dibromoethane	52	
108-90-7	Chlorobenzene	48	
630-20-6	1,1,1,2-Tetrachloroethane	50	
100-41-4	Ethylbenzene	46	
1330-20-7	m,p-Xylene	93	
95-47-6	o-Xylene	48	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	46	
75-25-2	Bromoform	54	
98-82-8	Isopropylbenzene	45	
79-34-5	1,1,2,2-Tetrachloroethane	52	
108-86-1	Bromobenzene	47	
96-18-4	1,2,3-Trichloropropane	51	
103-65-1	n-Propylbenzene	43	
95-49-8	2-Chlorotoluene	45	
108-67-8	1,3,5-Trimethylbenzene	44	
106-43-4	4-Chlorotoluene	46	
98-06-6	tert-Butylbenzene	44	
95-63-6	1,2,4-Trimethylbenzene	45	
135-98-8	sec-Butylbenzene	43	
99-87-6	4-Isopropyltoluene	43	
541-73-1	1,3-Dichlorobenzene	46	
106-46-7	1,4-Dichlorobenzene	46	
104-51-8	n-Butylbenzene	43	
95-50-1	1,2-Dichlorobenzene	47	
96-12-8	1,2-Dibromo-3-chloropropane	54	
120-82-1	1,2,4-Trichlorobenzene	48	
87-68-3	Hexachlorobutadiene	44	
87-61-6	1,2,3-Trichlorobenzene	48	
91-20-3	Naphthalene	47	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1OLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-40499

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2214.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/03/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	40	
74-87-3	Chloromethane	43	
75-01-4	Vinyl chloride	42	
74-83-9	Bromomethane	48	
75-00-3	Chloroethane	46	
75-69-4	Trichlorofluoromethane	50	
75-35-4	1,1-Dichloroethene	45	
67-64-1	Acetone	44	
74-88-4	Iodomethane	45	
75-15-0	Carbon disulfide	55	
75-09-2	Methylene chloride	47	
156-60-5	trans-1,2-Dichloroethene	49	
1634-04-4	Methyl tert-butyl ether	51	
75-34-3	1,1-Dichloroethane	47	
108-05-4	Vinyl acetate	49	
78-93-3	2-Butanone	52	
156-59-2	cis-1,2-Dichloroethene	50	
594-20-7	2,2-Dichloropropane	46	
74-97-5	Bromochloromethane	54	
67-66-3	Chloroform	50	
71-55-6	1,1,1-Trichloroethane	48	
563-58-6	1,1-Dichloropropene	48	
56-23-5	Carbon tetrachloride	47	
107-06-2	1,2-Dichloroethane	52	
71-43-2	Benzene	49	
79-01-6	Trichloroethene	52	B
78-87-5	1,2-Dichloropropane	49	
74-95-3	Dibromomethane	54	
75-27-4	Bromodichloromethane	51	
10061-01-5	cis-1,3-Dichloropropene	50	
108-10-1	4-Methyl-2-pentanone	53	
108-88-3	Toluene	50	
10061-02-6	trans-1,3-Dichloropropene	52	
79-00-5	1,1,2-Trichloroethane	54	
142-28-9	1,3-Dichloropropane	51	

SW846

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1OLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-40499

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2214.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/03/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	53	
591-78-6	2-Hexanone	51	
124-48-1	Dibromochloromethane	52	
106-93-4	1,2-Dibromoethane	53	
108-90-7	Chlorobenzene	51	
630-20-6	1,1,1,2-Tetrachloroethane	50	
100-41-4	Ethylbenzene	50	
1330-20-7	m,p-Xylene	100	
95-47-6	o-Xylene	51	
1330-20-7	Xylene (Total)	150	
100-42-5	Styrene	51	
75-25-2	Bromoform	55	
98-82-8	Isopropylbenzene	48	
79-34-5	1,1,2,2-Tetrachloroethane	52	
108-86-1	Bromobenzene	51	
96-18-4	1,2,3-Trichloropropane	50	
103-65-1	n-Propylbenzene	48	
95-49-8	2-Chlorotoluene	49	
108-67-8	1,3,5-Trimethylbenzene	47	
106-43-4	4-Chlorotoluene	49	
98-06-6	tert-Butylbenzene	47	
95-63-6	1,2,4-Trimethylbenzene	48	
135-98-8	sec-Butylbenzene	47	
99-87-6	4-Isopropyltoluene	47	
541-73-1	1,3-Dichlorobenzene	49	
106-46-7	1,4-Dichlorobenzene	49	
104-51-8	n-Butylbenzene	46	
95-50-1	1,2-Dichlorobenzene	50	
96-12-8	1,2-Dibromo-3-chloropropane	53	
120-82-1	1,2,4-Trichlorobenzene	48	
87-68-3	Hexachlorobutadiene	46	
87-61-6	1,2,3-Trichlorobenzene	46	
91-20-3	Naphthalene	46	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1PLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-40500

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2244.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	34	
74-87-3	Chloromethane	44	
75-01-4	Vinyl chloride	45	
74-83-9	Bromomethane	49	
75-00-3	Chloroethane	48	
75-69-4	Trichlorofluoromethane	53	
75-35-4	1,1-Dichloroethene	49	
67-64-1	Acetone	43	
74-88-4	Iodomethane	49	
75-15-0	Carbon disulfide	58	
75-09-2	Methylene chloride	47	
156-60-5	trans-1,2-Dichloroethene	49	
1634-04-4	Methyl tert-butyl ether	48	
75-34-3	1,1-Dichloroethane	48	
108-05-4	Vinyl acetate	46	
78-93-3	2-Butanone	46	
156-59-2	cis-1,2-Dichloroethene	50	
594-20-7	2,2-Dichloropropane	41	
74-97-5	Bromochloromethane	52	
67-66-3	Chloroform	50	
71-55-6	1,1,1-Trichloroethane	49	
563-58-6	1,1-Dichloropropene	50	
56-23-5	Carbon tetrachloride	48	
107-06-2	1,2-Dichloroethane	49	
71-43-2	Benzene	50	
79-01-6	Trichloroethene	51	
78-87-5	1,2-Dichloropropane	49	
74-95-3	Dibromomethane	49	
75-27-4	Bromodichloromethane	50	
10061-01-5	cis-1,3-Dichloropropene	49	
108-10-1	4-Methyl-2-pentanone	46	
108-88-3	Toluene	51	
10061-02-6	trans-1,3-Dichloropropene	49	
79-00-5	1,1,2-Trichloroethane	50	
142-28-9	1,3-Dichloropropane	49	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1PLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-40500

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2244.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	56	
591-78-6	2-Hexanone	45	
124-48-1	Dibromochloromethane	48	
106-93-4	1,2-Dibromoethane	50	
108-90-7	Chlorobenzene	50	
630-20-6	1,1,1,2-Tetrachloroethane	50	
100-41-4	Ethylbenzene	50	
1330-20-7	m,p-Xylene	100	
95-47-6	o-Xylene	51	
1330-20-7	Xylene (Total)	150	
100-42-5	Styrene	51	
75-25-2	Bromoform	49	
98-82-8	Isopropylbenzene	50	
79-34-5	1,1,2,2-Tetrachloroethane	49	
108-86-1	Bromobenzene	51	
96-18-4	1,2,3-Trichloropropane	44	
103-65-1	n-Propylbenzene	50	
95-49-8	2-Chlorotoluene	49	
108-67-8	1,3,5-Trimethylbenzene	50	
106-43-4	4-Chlorotoluene	50	
98-06-6	tert-Butylbenzene	49	
95-63-6	1,2,4-Trimethylbenzene	49	
135-98-8	sec-Butylbenzene	49	
99-87-6	4-Isopropyltoluene	49	
541-73-1	1,3-Dichlorobenzene	49	
106-46-7	1,4-Dichlorobenzene	50	
104-51-8	n-Butylbenzene	47	
95-50-1	1,2-Dichlorobenzene	49	
96-12-8	1,2-Dibromo-3-chloropropane	44	
120-82-1	1,2,4-Trichlorobenzene	47	
87-68-3	Hexachlorobutadiene	47	
87-61-6	1,2,3-Trichlorobenzene	45	
91-20-3	Naphthalene	41	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1PLCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-40500

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2245.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	35	
74-87-3	Chloromethane	47	
75-01-4	Vinyl chloride	49	
74-83-9	Bromomethane	53	
75-00-3	Chloroethane	52	
75-69-4	Trichlorofluoromethane	57	
75-35-4	1,1-Dichloroethene	53	
67-64-1	Acetone	43	
74-88-4	Iodomethane	55	
75-15-0	Carbon disulfide	41	
75-09-2	Methylene chloride	50	
156-60-5	trans-1,2-Dichloroethene	51	
1634-04-4	Methyl tert-butyl ether	49	
75-34-3	1,1-Dichloroethane	51	
108-05-4	Vinyl acetate	49	
78-93-3	2-Butanone	47	
156-59-2	cis-1,2-Dichloroethene	53	
594-20-7	2,2-Dichloropropane	45	
74-97-5	Bromochloromethane	55	
67-66-3	Chloroform	52	
71-55-6	1,1,1-Trichloroethane	52	
563-58-6	1,1-Dichloropropene	51	
56-23-5	Carbon tetrachloride	51	
107-06-2	1,2-Dichloroethane	52	
71-43-2	Benzene	53	
79-01-6	Trichloroethene	54	
78-87-5	1,2-Dichloropropane	52	
74-95-3	Dibromomethane	52	
75-27-4	Bromodichloromethane	53	
10061-01-5	cis-1,3-Dichloropropene	51	
108-10-1	4-Methyl-2-pentanone	47	
108-88-3	Toluene	53	
10061-02-6	trans-1,3-Dichloropropene	51	
79-00-5	1,1,2-Trichloroethane	51	
142-28-9	1,3-Dichloropropane	50	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1PLCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-40500

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2245.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	59	
591-78-6	2-Hexanone	45	
124-48-1	Dibromochloromethane	50	
106-93-4	1,2-Dibromoethane	52	
108-90-7	Chlorobenzene	52	
630-20-6	1,1,1,2-Tetrachloroethane	53	
100-41-4	Ethylbenzene	53	
1330-20-7	m,p-Xylene	110	
95-47-6	o-Xylene	53	
1330-20-7	Xylene (Total)	160	
100-42-5	Styrene	54	
75-25-2	Bromoform	51	
98-82-8	Isopropylbenzene	52	
79-34-5	1,1,2,2-Tetrachloroethane	50	
108-86-1	Bromobenzene	52	
96-18-4	1,2,3-Trichloropropane	45	
103-65-1	n-Propylbenzene	50	
95-49-8	2-Chlorotoluene	50	
108-67-8	1,3,5-Trimethylbenzene	50	
106-43-4	4-Chlorotoluene	51	
98-06-6	tert-Butylbenzene	49	
95-63-6	1,2,4-Trimethylbenzene	50	
135-98-8	sec-Butylbenzene	49	
99-87-6	4-Isopropyltoluene	49	
541-73-1	1,3-Dichlorobenzene	50	
106-46-7	1,4-Dichlorobenzene	50	
104-51-8	n-Butylbenzene	48	
95-50-1	1,2-Dichlorobenzene	50	
96-12-8	1,2-Dibromo-3-chloropropane	48	
120-82-1	1,2,4-Trichlorobenzene	48	
87-68-3	Hexachlorobutadiene	47	
87-61-6	1,2,3-Trichlorobenzene	47	
91-20-3	Naphthalene	44	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1QLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-40526

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2264.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	33	
74-87-3	Chloromethane	39	
75-01-4	Vinyl chloride	39	
74-83-9	Bromomethane	45	
75-00-3	Chloroethane	42	
75-69-4	Trichlorofluoromethane	45	
75-35-4	1,1-Dichloroethene	41	
67-64-1	Acetone	48	
74-88-4	Iodomethane	43	
75-15-0	Carbon disulfide	32	
75-09-2	Methylene chloride	34	
156-60-5	trans-1,2-Dichloroethene	44	
1634-04-4	Methyl tert-butyl ether	49	
75-34-3	1,1-Dichloroethane	44	
108-05-4	Vinyl acetate	46	
78-93-3	2-Butanone	51	
156-59-2	cis-1,2-Dichloroethene	45	
594-20-7	2,2-Dichloropropane	41	
74-97-5	Bromochloromethane	51	
67-66-3	Chloroform	46	
71-55-6	1,1,1-Trichloroethane	45	
563-58-6	1,1-Dichloropropene	42	
56-23-5	Carbon tetrachloride	43	
107-06-2	1,2-Dichloroethane	48	
71-43-2	Benzene	45	
79-01-6	Trichloroethene	46	
78-87-5	1,2-Dichloropropane	45	
74-95-3	Dibromomethane	50	
75-27-4	Bromodichloromethane	46	
10061-01-5	cis-1,3-Dichloropropene	48	
108-10-1	4-Methyl-2-pentanone	51	
108-88-3	Toluene	46	
10061-02-6	trans-1,3-Dichloropropene	49	
79-00-5	1,1,2-Trichloroethane	50	
142-28-9	1,3-Dichloropropane	49	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1QLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-40526

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2264.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	51	
591-78-6	2-Hexanone	51	
124-48-1	Dibromochloromethane	49	
106-93-4	1,2-Dibromoethane	51	
108-90-7	Chlorobenzene	47	
630-20-6	1,1,1,2-Tetrachloroethane	49	
100-41-4	Ethylbenzene	46	
1330-20-7	m,p-Xylene	93	
95-47-6	o-Xylene	47	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	47	
75-25-2	Bromoform	55	
98-82-8	Isopropylbenzene	45	
79-34-5	1,1,2,2-Tetrachloroethane	52	
108-86-1	Bromobenzene	45	
96-18-4	1,2,3-Trichloropropane	50	
103-65-1	n-Propylbenzene	44	
95-49-8	2-Chlorotoluene	44	
108-67-8	1,3,5-Trimethylbenzene	44	
106-43-4	4-Chlorotoluene	46	
98-06-6	tert-Butylbenzene	43	
95-63-6	1,2,4-Trimethylbenzene	44	
135-98-8	sec-Butylbenzene	42	
99-87-6	4-Isopropyltoluene	43	
541-73-1	1,3-Dichlorobenzene	45	
106-46-7	1,4-Dichlorobenzene	45	
104-51-8	n-Butylbenzene	41	
95-50-1	1,2-Dichlorobenzene	47	
96-12-8	1,2-Dibromo-3-chloropropane	54	
120-82-1	1,2,4-Trichlorobenzene	46	
87-68-3	Hexachlorobutadiene	41	
87-61-6	1,2,3-Trichlorobenzene	47	
91-20-3	Naphthalene	48	

2B - FORM II VOA-2

WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC1 (DBFM) #	VDMC2 (DCE) #	VDMC3 (TOL) #	VDMC4 (BFB) #				TOT OUT
01	VBLK1I	97	96	100	100				0
02	V1ILCS	98	99	100	103				0
03	V1ILCSD	96	98	99	103				0
04	MW-8S	98	100	100	103				0
05	MW-8D	98	95	101	98				0
06	MW-K2	96	96	101	102				0
07	VEW-3	99	99	100	102				0
08	VBLK1O	98	100	99	97				0
09	V1OLCS	98	98	97	102				0
10	ASW	98	96	98	102				0
11	VBLK1P	97	95	98	99				0
12	V1PLCS	95	98	99	104				0
13	V1PLCSD	99	101	99	103				0
14	Trip Blank	97	96	99	97				0
15	FLUSH MOUNT	98	95	100	98				0
16	VEW-4	96	96	99	100				0
17	VEW-2	96	97	101	101				0
18	MW-K3	97	94	100	98				0
19	MW-15D	97	98	101	100				0
20	MW-15S	97	97	99	101				0
21	VEW-1	97	101	99	102				0
22	ASWDL	98	97	101	103				0
23	VBLK1Q	100	101	101	99				0
24	V1QLCS	97	97	99	102				0
25	VEW-1DL	98	102	99	99				0

		QC LIMITS
VDMC1	(DBFM) Dibromofluoromethane	(85-115)
VDMC2	(DCE) = 1,2-Dichloroethane-d4	(70-120)
VDMC3	(TOL) = Toluene-d8	(85-120)
VDMC4	(BFB) = Bromofluorobenzene	(75-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

SW846

3 - FORM III

WATER LABORATORY CONTROL SAMPLE RECOVERY

EPA SAMPLE NO.

V1ILCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab Sample ID: LCS-40389 LCS Lot No.:

Date Extracted: 11/29/2008 Date Analyzed (1): 11/29/2008

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	39.2223	78		30 - 155
Chloromethane	50.0000	0.0000	45.1537	90		40 - 125
Vinyl chloride	50.0000	0.0000	42.8961	86		50 - 145
Bromomethane	50.0000	0.0000	50.8592	102		30 - 145
Chloroethane	50.0000	0.0000	47.1369	94		60 - 135
Trichlorofluoromethane	50.0000	0.0000	47.4124	95		60 - 145
1,1-Dichloroethene	50.0000	0.0000	44.9421	90		70 - 130
Acetone	50.0000	0.0000	47.7495	95		40 - 140
Iodomethane	50.0000	0.0000	50.6613	101		72 - 121
Carbon disulfide	50.0000	0.0000	37.9229	76		35 - 160
Methylene chloride	50.0000	0.0000	46.9961	94		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	47.3633	95		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	50.8254	102		65 - 125
1,1-Dichloroethane	50.0000	0.0000	47.5513	95		70 - 135
Vinyl acetate	50.0000	0.0000	50.5993	101		38 - 163
2-Butanone	50.0000	0.0000	52.5314	105		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	49.0590	98		70 - 125
2,2-Dichloropropane	50.0000	0.0000	48.3064	97		70 - 135
Bromochloromethane	50.0000	0.0000	54.9069	110		65 - 130
Chloroform	50.0000	0.0000	49.1715	98		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	46.8712	94		65 - 130
1,1-Dichloropropene	50.0000	0.0000	45.4022	91		75 - 130
Carbon tetrachloride	50.0000	0.0000	45.8654	92		65 - 140
1,2-Dichloroethane	50.0000	0.0000	51.1743	102		70 - 130
Benzene	50.0000	0.0000	48.7429	97		80 - 120
Trichloroethene	50.0000	0.0000	47.6182	95		70 - 125
1,2-Dichloropropane	50.0000	0.0000	50.7044	101		75 - 125
Dibromomethane	50.0000	0.0000	51.9434	104		75 - 125
Bromodichloromethane	50.0000	0.0000	50.4143	101		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	52.1651	104		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	53.2585	107		60 - 135
Toluene	50.0000	0.0000	48.5497	97		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	52.3898	105		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	51.6439	103		75 - 125
1,3-Dichloropropane	50.0000	0.0000	51.7774	104		75 - 125
Tetrachloroethene	50.0000	0.0000	49.6197	99		45 - 150
2-Hexanone	50.0000	0.0000	51.9729	104		55 - 130
Dibromochloromethane	50.0000	0.0000	52.3727	105		60 - 135
1,2-Dibromoethane	50.0000	0.0000	53.7921	108		80 - 120
Chlorobenzene	50.0000	0.0000	50.6419	101		80 - 120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	53.1453	106		80 - 130
Ethylbenzene	50.0000	0.0000	49.3128	99		75 - 125
m,p-Xylene	100.0000	0.0000	99.3874	99		75 - 130
o-Xylene	50.0000	0.0000	49.7186	99		80 - 120

3 - FORM III

WATER LABORATORY CONTROL

SAMPLE RECOVERY

EPA SAMPLE NO.

V1ILCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab Sample ID: LCS-40389 LCS Lot No.:

Date Extracted: 11/29/2008 Date Analyzed (1): 11/29/2008

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Xylene (Total)	150.0000	0.0000	149.1061	99		81 - 121
Styrene	50.0000	0.0000	48.7636	98		65 - 135
Bromoform	50.0000	0.0000	55.9876	112		70 - 130
Isopropylbenzene	50.0000	0.0000	49.3738	99		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	51.8410	104		65 - 130
Bromobenzene	50.0000	0.0000	49.2870	99		75 - 125
1,2,3-Trichloropropane	50.0000	0.0000	52.8242	106		75 - 125
n-Propylbenzene	50.0000	0.0000	47.3912	95		70 - 130
2-Chlorotoluene	50.0000	0.0000	48.1095	96		75 - 125
1,3,5-Trimethylbenzene	50.0000	0.0000	47.6269	95		75 - 130
4-Chlorotoluene	50.0000	0.0000	48.5451	97		75 - 130
tert-Butylbenzene	50.0000	0.0000	47.2188	94		70 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	48.1227	96		75 - 130
sec-Butylbenzene	50.0000	0.0000	47.2255	94		70 - 125
4-Isopropyltoluene	50.0000	0.0000	47.3015	95		75 - 130
1,3-Dichlorobenzene	50.0000	0.0000	48.5987	97		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	49.2779	99		75 - 125
n-Butylbenzene	50.0000	0.0000	47.1208	94		70 - 135
1,2-Dichlorobenzene	50.0000	0.0000	49.2975	99		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	51.8935	104		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	47.5448	95		65 - 135
Hexachlorobutadiene	50.0000	0.0000	47.1528	94		50 - 140
1,2,3-Trichlorobenzene	50.0000	0.0000	46.4413	93		55 - 140
Naphthalene	50.0000	0.0000	43.7754	88		55 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:

3 - FORM III

WATER LABORATORY CONTROL

SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

V1ILCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab Sample ID: LCSD-40389 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC #	%RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	50.0000	35.1468	70	11	40	30 - 155
Chloromethane	50.0000	40.5744	81	11	40	40 - 125
Vinyl chloride	50.0000	38.3521	77	11	40	50 - 145
Bromomethane	50.0000	46.4695	93	9	40	30 - 145
Chloroethane	50.0000	42.7554	86	9	40	60 - 135
Trichlorofluoromethane	50.0000	43.6572	87	9	40	60 - 145
1,1-Dichloroethene	50.0000	40.3545	81	11	40	70 - 130
Acetone	50.0000	45.6248	91	4	40	40 - 140
Iodomethane	50.0000	49.0510	98	3	40	72 - 121
Carbon disulfide	50.0000	35.1317	70	8	40	35 - 160
Methylene chloride	50.0000	44.7504	90	4	40	55 - 140
trans-1,2-Dichloroethene	50.0000	43.4341	87	9	40	60 - 140
Methyl tert-butyl ether	50.0000	50.2504	101	1	40	65 - 125
1,1-Dichloroethane	50.0000	44.9932	90	5	40	70 - 135
Vinyl acetate	50.0000	49.1925	98	3	40	38 - 163
2-Butanone	50.0000	53.4186	107	2	40	30 - 150
cis-1,2-Dichloroethene	50.0000	46.0647	92	6	40	70 - 125
2,2-Dichloropropane	50.0000	43.4385	87	11	40	70 - 135
Bromochloromethane	50.0000	51.7452	103	7	40	65 - 130
Chloroform	50.0000	46.3236	93	5	40	65 - 135
1,1,1-Trichloroethane	50.0000	43.5653	87	8	40	65 - 130
1,1-Dichloropropene	50.0000	40.7773	82	10	40	75 - 130
Carbon tetrachloride	50.0000	41.5317	83	10	40	65 - 140
1,2-Dichloroethane	50.0000	49.3041	99	3	40	70 - 130
Benzene	50.0000	45.3179	91	6	40	80 - 120
Trichloroethene	50.0000	45.0890	90	5	40	70 - 125
1,2-Dichloropropane	50.0000	47.5294	95	6	40	75 - 125
Dibromomethane	50.0000	50.1401	100	4	40	75 - 125
Bromodichloromethane	50.0000	48.9160	98	3	40	75 - 120
cis-1,3-Dichloropropene	50.0000	48.6200	97	7	40	70 - 130
4-Methyl-2-pentanone	50.0000	52.9267	106	1	40	60 - 135
Toluene	50.0000	45.5306	91	6	40	75 - 120
trans-1,3-Dichloropropene	50.0000	51.1617	102	3	40	55 - 140
1,1,2-Trichloroethane	50.0000	50.2694	101	2	40	75 - 125
1,3-Dichloropropane	50.0000	50.5774	101	3	40	75 - 125
Tetrachloroethene	50.0000	46.5320	93	6	40	45 - 150
2-Hexanone	50.0000	52.7263	105	1	40	55 - 130
Dibromochloromethane	50.0000	52.0622	104	1	40	60 - 135
1,2-Dibromoethane	50.0000	52.4728	105	3	40	80 - 120
Chlorobenzene	50.0000	47.6828	95	6	40	80 - 120
1,1,1,2-Tetrachloroethane	50.0000	49.8862	100	6	40	80 - 130
Ethylbenzene	50.0000	46.1743	92	7	40	75 - 125
m,p-Xylene	100.0000	93.1088	93	6	40	75 - 130
o-Xylene	50.0000	47.5839	95	4	40	80 - 120
Xylene (Total)	150.0000	140.6927	94	5	40	81 - 121
Styrene	50.0000	46.0476	92	6	40	65 - 135

3 - FORM III

WATER LABORATORY CONTROL

SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

V1ILCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab Sample ID: LCSD-40389 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Bromoform	50.0000	54.2533	109		3		40	70 - 130
Isopropylbenzene	50.0000	44.8223	90		10		40	75 - 125
1,1,2,2-Tetrachloroethane	50.0000	51.6312	103		1		40	65 - 130
Bromobenzene	50.0000	47.0729	94		5		40	75 - 125
1,2,3-Trichloropropane	50.0000	51.1598	102		4		40	75 - 125
n-Propylbenzene	50.0000	43.1832	86		10		40	70 - 130
2-Chlorotoluene	50.0000	44.8555	90		6		40	75 - 125
1,3,5-Trimethylbenzene	50.0000	44.3261	89		7		40	75 - 130
4-Chlorotoluene	50.0000	45.7204	91		6		40	75 - 130
tert-Butylbenzene	50.0000	43.9413	88		7		40	70 - 130
1,2,4-Trimethylbenzene	50.0000	44.8765	90		6		40	75 - 130
sec-Butylbenzene	50.0000	42.7690	86		9		40	70 - 125
4-Isopropyltoluene	50.0000	43.3723	87		9		40	75 - 130
1,3-Dichlorobenzene	50.0000	45.7136	91		6		40	75 - 125
1,4-Dichlorobenzene	50.0000	46.0135	92		7		40	75 - 125
n-Butylbenzene	50.0000	43.3488	87		8		40	70 - 135
1,2-Dichlorobenzene	50.0000	46.8240	94		5		40	70 - 120
1,2-Dibromo-3-chloropropan	50.0000	54.3098	109		5		40	50 - 130
1,2,4-Trichlorobenzene	50.0000	47.9014	96		1		40	65 - 135
Hexachlorobutadiene	50.0000	43.6016	87		8		40	50 - 140
1,2,3-Trichlorobenzene	50.0000	47.6461	95		2		40	55 - 140
Naphthalene	50.0000	47.3298	95		8		40	55 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 68 outside limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:

3 - FORM III

WATER LABORATORY CONTROL

SAMPLE RECOVERY

EPA SAMPLE NO.

V1OLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab Sample ID: LCS-40499 LCS Lot No.:

Date Extracted: 12/03/2008 Date Analyzed (1): 12/03/2008

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	40.2250	80		30 - 155
Chloromethane	50.0000	0.0000	43.1941	86		40 - 125
Vinyl chloride	50.0000	0.0000	42.0628	84		50 - 145
Bromomethane	50.0000	0.0000	48.0370	96		30 - 145
Chloroethane	50.0000	0.0000	45.7350	91		60 - 135
Trichlorofluoromethane	50.0000	0.0000	49.9219	100		60 - 145
1,1-Dichloroethene	50.0000	0.0000	45.4729	91		70 - 130
Acetone	50.0000	0.0000	43.5271	87		40 - 140
Iodomethane	50.0000	0.0000	45.2000	90		72 - 121
Carbon disulfide	50.0000	0.0000	55.1471	110		35 - 160
Methylene chloride	50.0000	0.0000	47.0246	94		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	48.5434	97		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	51.3117	103		65 - 125
1,1-Dichloroethane	50.0000	0.0000	47.3636	95		70 - 135
Vinyl acetate	50.0000	0.0000	48.9377	98		38 - 163
2-Butanone	50.0000	0.0000	52.0425	104		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	49.9790	100		70 - 125
2,2-Dichloropropane	50.0000	0.0000	45.8312	92		70 - 135
Bromochloromethane	50.0000	0.0000	54.3450	109		65 - 130
Chloroform	50.0000	0.0000	49.8524	100		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	47.6311	95		65 - 130
1,1-Dichloropropene	50.0000	0.0000	48.0695	96		75 - 130
Carbon tetrachloride	50.0000	0.0000	47.0173	94		65 - 140
1,2-Dichloroethane	50.0000	0.0000	51.5663	103		70 - 130
Benzene	50.0000	0.0000	49.3835	99		80 - 120
Trichloroethene	50.0000	0.0000	51.9684	104		70 - 125
1,2-Dichloropropane	50.0000	0.0000	49.1836	98		75 - 125
Dibromomethane	50.0000	0.0000	53.6470	107		75 - 125
Bromodichloromethane	50.0000	0.0000	50.9285	102		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	50.2646	101		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	53.0034	106		60 - 135
Toluene	50.0000	0.0000	49.9223	100		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	51.6925	103		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	53.8454	108		75 - 125
1,3-Dichloropropane	50.0000	0.0000	50.6700	101		75 - 125
Tetrachloroethene	50.0000	0.0000	53.3560	107		45 - 150
2-Hexanone	50.0000	0.0000	51.1349	102		55 - 130
Dibromochloromethane	50.0000	0.0000	51.9539	104		60 - 135
1,2-Dibromoethane	50.0000	0.0000	52.9015	106		80 - 120
Chlorobenzene	50.0000	0.0000	50.5749	101		80 - 120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	50.4383	101		80 - 130
Ethylbenzene	50.0000	0.0000	49.8335	100		75 - 125
m,p-Xylene	100.0000	0.0000	99.8973	100		75 - 130
o-Xylene	50.0000	0.0000	51.1936	102		80 - 120

3 - FORM III

WATER LABORATORY CONTROL SAMPLE RECOVERY

EPA SAMPLE NO.

V1OLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab Sample ID: LCS-40499 LCS Lot No.:

Date Extracted: 12/03/2008 Date Analyzed (1): 12/03/2008

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Xylene (Total)	150.0000	0.0000	151.0909	101		81 - 121
Styrene	50.0000	0.0000	51.0370	102		65 - 135
Bromoform	50.0000	0.0000	54.5610	109		70 - 130
Isopropylbenzene	50.0000	0.0000	48.3692	97		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	52.4026	105		65 - 130
Bromobenzene	50.0000	0.0000	50.6151	101		75 - 125
1,2,3-Trichloropropane	50.0000	0.0000	50.3688	101		75 - 125
n-Propylbenzene	50.0000	0.0000	48.2167	96		70 - 130
2-Chlorotoluene	50.0000	0.0000	49.3660	99		75 - 125
1,3,5-Trimethylbenzene	50.0000	0.0000	47.3256	95		75 - 130
4-Chlorotoluene	50.0000	0.0000	49.2969	99		75 - 130
tert-Butylbenzene	50.0000	0.0000	46.5917	93		70 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	48.1158	96		75 - 130
sec-Butylbenzene	50.0000	0.0000	46.5584	93		70 - 125
4-Isopropyltoluene	50.0000	0.0000	46.5736	93		75 - 130
1,3-Dichlorobenzene	50.0000	0.0000	48.8484	98		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	49.2988	99		75 - 125
n-Butylbenzene	50.0000	0.0000	46.1267	92		70 - 135
1,2-Dichlorobenzene	50.0000	0.0000	49.6980	99		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	52.8603	106		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	48.1843	96		65 - 135
Hexachlorobutadiene	50.0000	0.0000	45.9148	92		50 - 140
1,2,3-Trichlorobenzene	50.0000	0.0000	46.2814	93		55 - 140
Naphthalene	50.0000	0.0000	45.6926	91		55 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:

3 - FORM III

WATER LABORATORY CONTROL

SAMPLE RECOVERY

EPA SAMPLE NO.

V1PLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab Sample ID: LCS-40500 LCS Lot No.:

Date Extracted: 12/03/2008 Date Analyzed (1): 12/04/2008

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	33.8535	68		30 - 155
Chloromethane	50.0000	0.0000	43.8401	88		40 - 125
Vinyl chloride	50.0000	0.0000	45.0871	90		50 - 145
Bromomethane	50.0000	0.0000	48.6155	97		30 - 145
Chloroethane	50.0000	0.0000	47.7962	96		60 - 135
Trichlorofluoromethane	50.0000	0.0000	52.7888	106		60 - 145
1,1-Dichloroethene	50.0000	0.0000	49.3195	99		70 - 130
Acetone	50.0000	0.0000	43.0642	86		40 - 140
Iodomethane	50.0000	0.0000	49.3109	99		72 - 121
Carbon disulfide	50.0000	0.0000	57.8980	116		35 - 160
Methylene chloride	50.0000	0.0000	46.5599	93		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	49.3383	99		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	47.6743	95		65 - 125
1,1-Dichloroethane	50.0000	0.0000	48.1035	96		70 - 135
Vinyl acetate	50.0000	0.0000	46.2027	92		38 - 163
2-Butanone	50.0000	0.0000	45.8420	92		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	49.6851	99		70 - 125
2,2-Dichloropropane	50.0000	0.0000	41.3823	83		70 - 135
Bromochloromethane	50.0000	0.0000	51.8393	104		65 - 130
Chloroform	50.0000	0.0000	49.6037	99		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	48.5937	97		65 - 130
1,1-Dichloropropene	50.0000	0.0000	49.5887	99		75 - 130
Carbon tetrachloride	50.0000	0.0000	48.3676	97		65 - 140
1,2-Dichloroethane	50.0000	0.0000	49.3489	99		70 - 130
Benzene	50.0000	0.0000	50.1410	100		80 - 120
Trichloroethene	50.0000	0.0000	50.6683	101		70 - 125
1,2-Dichloropropane	50.0000	0.0000	49.2337	98		75 - 125
Dibromomethane	50.0000	0.0000	49.3087	99		75 - 125
Bromodichloromethane	50.0000	0.0000	49.5822	99		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	48.5286	97		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	46.0315	92		60 - 135
Toluene	50.0000	0.0000	51.0017	102		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	49.0696	98		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	49.8841	100		75 - 125
1,3-Dichloropropane	50.0000	0.0000	48.7571	98		75 - 125
Tetrachloroethene	50.0000	0.0000	56.3120	113		45 - 150
2-Hexanone	50.0000	0.0000	45.2843	91		55 - 130
Dibromochloromethane	50.0000	0.0000	48.4136	97		60 - 135
1,2-Dibromoethane	50.0000	0.0000	50.1110	100		80 - 120
Chlorobenzene	50.0000	0.0000	49.9031	100		80 - 120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	50.2808	101		80 - 130
Ethylbenzene	50.0000	0.0000	50.3951	101		75 - 125
m,p-Xylene	100.0000	0.0000	101.6035	102		75 - 130
o-Xylene	50.0000	0.0000	51.1754	102		80 - 120

3 - FORM III

WATER LABORATORY CONTROL

SAMPLE RECOVERY

EPA SAMPLE NO.

V1PLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab Sample ID: LCS-40500 LCS Lot No.:

Date Extracted: 12/03/2008 Date Analyzed (1): 12/04/2008

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Xylene (Total)	150.0000	0.0000	152.7790	102		81 - 121
Styrene	50.0000	0.0000	50.8153	102		65 - 135
Bromoform	50.0000	0.0000	48.7271	97		70 - 130
Isopropylbenzene	50.0000	0.0000	49.5621	99		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	49.3357	99		65 - 130
Bromobenzene	50.0000	0.0000	50.8070	102		75 - 125
1,2,3-Trichloropropane	50.0000	0.0000	44.2440	88		75 - 125
n-Propylbenzene	50.0000	0.0000	49.6332	99		70 - 130
2-Chlorotoluene	50.0000	0.0000	49.3113	99		75 - 125
1,3,5-Trimethylbenzene	50.0000	0.0000	49.9575	100		75 - 130
4-Chlorotoluene	50.0000	0.0000	50.1274	100		75 - 130
tert-Butylbenzene	50.0000	0.0000	49.1981	98		70 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	49.3171	99		75 - 130
sec-Butylbenzene	50.0000	0.0000	48.8014	98		70 - 125
4-Isopropyltoluene	50.0000	0.0000	48.5935	97		75 - 130
1,3-Dichlorobenzene	50.0000	0.0000	49.2711	99		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	50.2533	101		75 - 125
n-Butylbenzene	50.0000	0.0000	47.1297	94		70 - 135
1,2-Dichlorobenzene	50.0000	0.0000	49.0131	98		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	44.2490	88		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	46.7012	93		65 - 135
Hexachlorobutadiene	50.0000	0.0000	47.0422	94		50 - 140
1,2,3-Trichlorobenzene	50.0000	0.0000	45.2166	90		55 - 140
Naphthalene	50.0000	0.0000	40.6015	81		55 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:

3 - FORM III

WATER LABORATORY CONTROL

SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

V1PLCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab Sample ID: LCSD-40500 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	50.0000	35.4624	71		4		40	30 - 155
Chloromethane	50.0000	46.7741	94		7		40	40 - 125
Vinyl chloride	50.0000	48.6696	97		7		40	50 - 145
Bromomethane	50.0000	53.1963	106		9		40	30 - 145
Chloroethane	50.0000	51.7582	104		8		40	60 - 135
Trichlorofluoromethane	50.0000	56.7714	114		7		40	60 - 145
1,1-Dichloroethene	50.0000	53.4714	107		8		40	70 - 130
Acetone	50.0000	42.8040	86		0		40	40 - 140
Iodomethane	50.0000	54.9075	110		11		40	72 - 121
Carbon disulfide	50.0000	40.9341	82		34		40	35 - 160
Methylene chloride	50.0000	50.1031	100		7		40	55 - 140
trans-1,2-Dichloroethene	50.0000	51.4515	103		4		40	60 - 140
Methyl tert-butyl ether	50.0000	49.2407	98		3		40	65 - 125
1,1-Dichloroethane	50.0000	50.9759	102		6		40	70 - 135
Vinyl acetate	50.0000	48.7645	98		6		40	38 - 163
2-Butanone	50.0000	47.2013	94		2		40	30 - 150
cis-1,2-Dichloroethene	50.0000	52.9716	106		7		40	70 - 125
2,2-Dichloropropane	50.0000	44.5283	89		7		40	70 - 135
Bromochloromethane	50.0000	55.1976	110		6		40	65 - 130
Chloroform	50.0000	52.1229	104		5		40	65 - 135
1,1,1-Trichloroethane	50.0000	52.3257	105		8		40	65 - 130
1,1-Dichloropropene	50.0000	51.1948	102		3		40	75 - 130
Carbon tetrachloride	50.0000	51.3463	103		6		40	65 - 140
1,2-Dichloroethane	50.0000	51.7594	104		5		40	70 - 130
Benzene	50.0000	53.4232	107		7		40	80 - 120
Trichloroethene	50.0000	53.7650	108		7		40	70 - 125
1,2-Dichloropropane	50.0000	52.2781	105		7		40	75 - 125
Dibromomethane	50.0000	52.1485	104		5		40	75 - 125
Bromodichloromethane	50.0000	52.5336	105		6		40	75 - 120
cis-1,3-Dichloropropene	50.0000	50.7720	102		5		40	70 - 130
4-Methyl-2-pentanone	50.0000	47.1628	94		2		40	60 - 135
Toluene	50.0000	53.2006	106		4		40	75 - 120
trans-1,3-Dichloropropene	50.0000	51.3251	103		5		40	55 - 140
1,1,2-Trichloroethane	50.0000	50.8346	102		2		40	75 - 125
1,3-Dichloropropane	50.0000	50.2498	100		2		40	75 - 125
Tetrachloroethene	50.0000	59.4933	119		5		40	45 - 150
2-Hexanone	50.0000	45.0275	90		1		40	55 - 130
Dibromochloromethane	50.0000	49.7832	100		3		40	60 - 135
1,2-Dibromoethane	50.0000	51.7603	104		4		40	80 - 120
Chlorobenzene	50.0000	52.2628	105		5		40	80 - 120
1,1,1,2-Tetrachloroethane	50.0000	52.7556	106		5		40	80 - 130
Ethylbenzene	50.0000	52.6281	105		4		40	75 - 125
m,p-Xylene	100.0000	107.0291	107		5		40	75 - 130
o-Xylene	50.0000	52.9670	106		4		40	80 - 120
Xylene (Total)	150.0000	159.9961	107		5		40	81 - 121
Styrene	50.0000	53.8001	108		6		40	65 - 135

SW846

3 - FORM III

WATER LABORATORY CONTROL

SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

V1PLCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab Sample ID: LCSD-40500 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Bromoform	50.0000	50.8403	102		5		40	70 - 130
Isopropylbenzene	50.0000	52.0418	104		5		40	75 - 125
1,1,2,2-Tetrachloroethane	50.0000	50.3780	101		2		40	65 - 130
Bromobenzene	50.0000	52.2030	104		2		40	75 - 125
1,2,3-Trichloropropane	50.0000	44.5125	89		1		40	75 - 125
n-Propylbenzene	50.0000	49.8410	100		1		40	70 - 130
2-Chlorotoluene	50.0000	50.2724	101		2		40	75 - 125
1,3,5-Trimethylbenzene	50.0000	50.1933	100		0		40	75 - 130
4-Chlorotoluene	50.0000	51.3847	103		3		40	75 - 130
tert-Butylbenzene	50.0000	49.0766	98		0		40	70 - 130
1,2,4-Trimethylbenzene	50.0000	50.4589	101		2		40	75 - 130
sec-Butylbenzene	50.0000	49.2948	99		1		40	70 - 125
4-Isopropyltoluene	50.0000	49.2392	98		1		40	75 - 130
1,3-Dichlorobenzene	50.0000	49.9140	100		1		40	75 - 125
1,4-Dichlorobenzene	50.0000	50.2108	100		1		40	75 - 125
n-Butylbenzene	50.0000	48.1005	96		2		40	70 - 135
1,2-Dichlorobenzene	50.0000	50.3723	101		3		40	70 - 120
1,2-Dibromo-3-chloropropan	50.0000	47.7086	95		8		40	50 - 130
1,2,4-Trichlorobenzene	50.0000	48.1949	96		3		40	65 - 135
Hexachlorobutadiene	50.0000	47.1300	94		0		40	50 - 140
1,2,3-Trichlorobenzene	50.0000	47.2109	94		4		40	55 - 140
Naphthalene	50.0000	43.7872	88		8		40	55 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 68 outside limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:

3 - FORM III

WATER LABORATORY CONTROL SAMPLE RECOVERY

EPA SAMPLE NO.

V1QLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab Sample ID: LCS-40526 LCS Lot No.:

Date Extracted: 12/04/2008 Date Analyzed (1): 12/04/2008

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	32.7693	66		30 - 155
Chloromethane	50.0000	0.0000	38.8137	78		40 - 125
Vinyl chloride	50.0000	0.0000	38.7458	77		50 - 145
Bromomethane	50.0000	0.0000	45.4397	91		30 - 145
Chloroethane	50.0000	0.0000	41.5305	83		60 - 135
Trichlorofluoromethane	50.0000	0.0000	44.5944	89		60 - 145
1,1-Dichloroethene	50.0000	0.0000	40.8860	82		70 - 130
Acetone	50.0000	0.0000	47.6375	95		40 - 140
Iodomethane	50.0000	0.0000	42.5011	85		72 - 121
Carbon disulfide	50.0000	0.0000	31.8295	64		35 - 160
Methylene chloride	50.0000	0.0000	34.4036	69		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	44.4746	89		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	48.6467	97		65 - 125
1,1-Dichloroethane	50.0000	0.0000	43.7674	88		70 - 135
Vinyl acetate	50.0000	0.0000	46.2895	93		38 - 163
2-Butanone	50.0000	0.0000	50.8017	102		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	45.4313	91		70 - 125
2,2-Dichloropropane	50.0000	0.0000	41.4489	83		70 - 135
Bromochloromethane	50.0000	0.0000	51.4852	103		65 - 130
Chloroform	50.0000	0.0000	45.6020	91		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	44.5991	89		65 - 130
1,1-Dichloropropene	50.0000	0.0000	42.2117	84		75 - 130
Carbon tetrachloride	50.0000	0.0000	42.8874	86		65 - 140
1,2-Dichloroethane	50.0000	0.0000	48.4268	97		70 - 130
Benzene	50.0000	0.0000	45.0591	90		80 - 120
Trichloroethene	50.0000	0.0000	45.8589	92		70 - 125
1,2-Dichloropropane	50.0000	0.0000	45.0618	90		75 - 125
Dibromomethane	50.0000	0.0000	49.9085	100		75 - 125
Bromodichloromethane	50.0000	0.0000	46.0777	92		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	47.6319	95		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	51.0909	102		60 - 135
Toluene	50.0000	0.0000	46.1027	92		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	48.6917	97		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	49.8376	100		75 - 125
1,3-Dichloropropane	50.0000	0.0000	48.7640	98		75 - 125
Tetrachloroethene	50.0000	0.0000	50.8187	102		45 - 150
2-Hexanone	50.0000	0.0000	51.0329	102		55 - 130
Dibromochloromethane	50.0000	0.0000	49.1325	98		60 - 135
1,2-Dibromoethane	50.0000	0.0000	50.7711	102		80 - 120
Chlorobenzene	50.0000	0.0000	46.7375	93		80 - 120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	48.5583	97		80 - 130
Ethylbenzene	50.0000	0.0000	45.8372	92		75 - 125
m,p-Xylene	100.0000	0.0000	93.0316	93		75 - 130
o-Xylene	50.0000	0.0000	46.9197	94		80 - 120

3 - FORM III

WATER LABORATORY CONTROL
SAMPLE RECOVERY

EPA SAMPLE NO.

V1QLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab Sample ID: LCS-40526 LCS Lot No.:

Date Extracted: 12/04/2008 Date Analyzed (1): 12/04/2008

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Xylene (Total)	150.0000	0.0000	139.9513	93		81 - 121
Styrene	50.0000	0.0000	46.6890	93		65 - 135
Bromoform	50.0000	0.0000	54.5271	109		70 - 130
Isopropylbenzene	50.0000	0.0000	44.9258	90		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	52.2270	104		65 - 130
Bromobenzene	50.0000	0.0000	45.3757	91		75 - 125
1,2,3-Trichloropropane	50.0000	0.0000	50.0116	100		75 - 125
n-Propylbenzene	50.0000	0.0000	43.7883	88		70 - 130
2-Chlorotoluene	50.0000	0.0000	44.1597	88		75 - 125
1,3,5-Trimethylbenzene	50.0000	0.0000	43.8605	88		75 - 130
4-Chlorotoluene	50.0000	0.0000	45.5075	91		75 - 130
tert-Butylbenzene	50.0000	0.0000	43.2221	86		70 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	44.0264	88		75 - 130
sec-Butylbenzene	50.0000	0.0000	41.9608	84		70 - 125
4-Isopropyltoluene	50.0000	0.0000	42.5048	85		75 - 130
1,3-Dichlorobenzene	50.0000	0.0000	45.3453	91		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	45.3866	91		75 - 125
n-Butylbenzene	50.0000	0.0000	40.9114	82		70 - 135
1,2-Dichlorobenzene	50.0000	0.0000	46.6244	93		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	54.4596	109		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	46.3329	93		65 - 135
Hexachlorobutadiene	50.0000	0.0000	40.9178	82		50 - 140
1,2,3-Trichlorobenzene	50.0000	0.0000	47.0722	94		55 - 140
Naphthalene	50.0000	0.0000	48.2548	97		55 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:

4A - FORM IV VOA

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1I

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab File ID: V1K2063.D Lab Sample ID: MB-40389

Instrument ID: V1

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 11/29/2008

Level: (TRACE or LOW/MED) LOW Time Analyzed: 11:38

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V1ILCS	LCS-40389	V1K2065.D	12:37
02	V1ILCSD	LCSD-40389	V1K2066.D	13:06
03	MW-8S	G2223-03A	V1K2081.D	20:20
04	MW-8D	G2223-04A	V1K2082.D	20:49
05	MW-K2	G2223-05A	V1K2083.D	21:18
06	VEW-3	G2223-06A	V1K2084.D	21:47

COMMENTS:

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1I

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-40389

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2063.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1I

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-40389

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2063.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/29/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

4A - FORM IV VOA

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1O

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab File ID: V1K2213.D Lab Sample ID: MB-40499

Instrument ID: V1

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 12/03/2008

Level: (TRACE or LOW/MED) LOW Time Analyzed: 14:28

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V1OLCS	LCS-40499	V1K2214.D	14:57
02	ASW	G2223-01A	V1K2234.D	00:36

COMMENTS:

SW846

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1O

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-40499

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2213.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/03/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	4.8	J
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1O

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-40499

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2213.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/03/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

4A - FORM IV VOA

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1P

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab File ID: V1K2243.D Lab Sample ID: MB-40500

Instrument ID: V1

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 12/04/2008

Level: (TRACE or LOW/MED) LOW Time Analyzed: 03:01

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V1PLCS	LCS-40500	V1K2244.D	03:29
02	V1PLCSD	LCSD-40500	V1K2245.D	03:58
03	Trip Blank	G2223-13A	V1K2247.D	04:56
04	FLUSH MOUNT	G2223-02A	V1K2248.D	05:24
05	VEW-4	G2223-07A	V1K2249.D	05:54
06	VEW-2	G2223-08A	V1K2250.D	06:23
07	MW-K3	G2223-09A	V1K2251.D	06:52
08	MW-15D	G2223-10A	V1K2252.D	07:25
09	MW-15S	G2223-11A	V1K2253.D	07:53
10	VEW-1	G2223-12A	V1K2254.D	08:25
11	ASWDL	G2223-01ADL	V1K2258.D	13:15

COMMENTS:

SW846

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1P

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-40500

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2243.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1P

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-40500

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2243.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

4A - FORM IV VOA

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1Q

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Lab File ID: V1K2263.D Lab Sample ID: MB-40526

Instrument ID: V1

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 12/04/2008

Level: (TRACE or LOW/MED) LOW Time Analyzed: 15:41

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V1QLCS	LCS-40526	V1K2264.D	16:10
02	VEW-1DL	G2223-12ADL	V1K2275.D	21:37

COMMENTS:

SW846

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1Q

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-40526

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2263.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1Q

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG2223

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-40526

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K2263.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/04/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

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