FINAL
SEMIANNUAL SAMPLING REPORT
(June 2006 Sampling Event)

Multi Site G
Operation, Maintenance & Monitoring

ServAll Laundry Site
Bay Shore, Suffolk County, NY
Site 1-52-077

Work Assignment No.
D004445-14

Prepared for:

SUPERFUND STANDBY PROGRAM
New York State
Department of Environmental Conservation
625 Broadway
Albany, New York 12233

October 2006

Prepared by:

Earth Tech Northeast, Inc.
300 Broadacres Drive
Bloomfield, New Jersey

TABLE OF CONTENTS

Chapter **Page**

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

1.0 INTRODUCTION

Past releases from the ServAll Laundry Site in Bay Shore, New York (Site No. 1-52-077) resulted in the contamination of soil and groundwater at the Site and surrounding areas. Earth Tech was tasked with collecting two rounds of semiannual samples from selected monitoring wells as part of a long term monitoring plan. This report presents the results from the first semiannual sampling effort conducted in June 2006.

2.0 SITE DESCRIPTION AND BACKGROUND

The ServAll Laundry site is located at 8 Drayton Avenue, Bay Shore, New York (see Figure 1). ServAll Uniform Rental, Inc. operated as a commercial laundry from 1969 to 1972, and as dry cleaner/laundry from 1972 to 1984. During this time, unknown quantities of wash water overflow containing tetrachloroethene (PCE) and heavy metals were pumped to, and occasionally overflowed from, onsite cesspools. A groundwater contaminant plume of PCE and vinyl chloride has migrated about two miles southeast of the Site. The contaminant plume may be entering Penataquit Creek, which empties into Great Cove. The leading front of the contaminant plume is apparently in close proximity to Awixa Creek. Fifteen monitoring wells were identified for sampling (see Figure 2).

3.0 FIELD ACTIVITIES

The field sampling at the ServAll Laundry Site occurred on June 6 through June 16, 2006. Sampling was conducted in accordance with the Sampling and Analysis Plan (SAP) prepared by Earth Tech, dated April 2006. The SAP is comprised of the Field Sampling Plan (FSP), the Quality Assurance Project Plan (QAPP) and the Safe Work Plan (SWP). All field work was performed in Level D personal protection.

3.1 Well Inventory and Water Level Survey

Prior to the start of the first semiannual groundwater sampling event, an inventory of all known piezometers associated with the Site was performed. Previous records indicated that 47 piezometers were installed at off-site locations. Eighteen wells were identified for the survey. As the exact location of all wells and piezometers was not known prior to the start of field work, every effort was made to locate each well and piezometer. However, only 12 monitoring wells and 24 piezometers were actually located. Once a well or piezometer was identified, its location was photo-documented and measured from fixed points. A handheld GPS unit was also utilized to record the location. Each monitoring well and piezometer located was inventoried to assess its integrity. A list of the monitoring wells is presented in Table 1 and piezometers are included in Table 2 indicating their status.

Water level measurements were also recorded for all wells that could be located. Water level measurements were recorded in the Field Notebook and on the Well Sampling Forms in Appendix A. A summary of groundwater elevations in selected monitoring wells is presented in Table 3. A groundwater contour map was prepared for the June 2006 sampling event and is presented in Figure 3. As shown on the map, groundwater flow is to the south-southeast. This flow direction is similar to that found during previous investigations.

3.2 Groundwater Sampling

Fifteen monitoring wells were identified for long term monitoring at the Site. The selected wells included MW-2, MW-3A, MW-3B, MW-48, MW-5, MW-6A, MW-6B, MW-9, MW-11, MW-12, MW-13,

MW-14, MW-16, MW-23S and MW-23D. Three wells, MW-2, MW-3B and MW-9 could not be located in the field and were determined by the field crew to have been destroyed. Each location was photo-documented and a hand-held GPS unit was used to record the coordinates.

A Waterra HydroLift II pump with black polyethylene tubing was used to purge each monitoring well prior to sampling. Monitoring wells were purged of at least three casing volumes of water prior to sampling. Measurements of pH, specific conductance, temperature and turbidity were recorded on the Well Sampling Forms during purging. Well Sampling Forms are provided in Appendix A. Once the minimum volume of water had been evacuated, a dedicated Teflon bailer was used to collect a groundwater sample. The sample was carefully poured into laboratory supplied containers and placed in an ice-filled cooler. The samples were then transported to Mitkem Laboratory via Federal Express. Proper chain-of-custody procedures and requirements were maintained throughout the sampling event in accordance with the QAPP.

4.0 SAMPLING RESULTS

Groundwater samples were analyzed by Mitkem Laboratory of Warwick, Rhode Island. Samples were analyzed for volatile organic compounds (VOCs) using SW-846 Method 8260B and for target analyte list metals (TAL metals) by SW-846 Method 7470A and Method 6010B for mercury. Data packages consisted of an NYS ASP Category B deliverable. As this is a long term monitoring project, data was not validated. An Earth Tech chemist provided a cursory review of the data packages for completeness. The laboratory Data Summary Packages are in Appendix B. Of the 15 wells selected for sampling, only 12 were found to be intact as noted in Section 3.0. A summary of the detections is presented in Table 4. A summary of the exceedances is also presented on Figure 4. The sampling results are described below.

VOCs were not detected in monitoring well MW-3A. Three metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-3A: chromium was detected at a concentration of 55.8 micrograms per liter (µg/L) (Class GA criterion of 50 µg/L); iron was detected at a concentration of 1,070 µg/L (Class GA criterion of 300 µg/L); and sodium was detected at a concentration of 129,000 µg/L (Class GA criterion of 20,000 µg/L).

VOCs were not detected in monitoring well MW-4. Three metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-4: chromium was detected at a concentration of 534 µ/L (Class GA criterion of 50 µg/L); iron was detected at a concentration of 1,710 µg/L (Class GA criterion of 300 µg/L); and nickel was detected at a concentration of 240 µg/L (Class GA criterion of 100 µg/L).

The only VOC detected in monitoring well MW-5 was cis-1,2-dichloroethene, at an estimated concentration of 3.0 µg/L (Class GA criterion of 5 µg/L). Two metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-5: chromium was detected at a concentration of 80.5 µ/L (Class GA criterion of 50 µg/L); iron was detected at a concentration of 934 µg/L (Class GA criterion of 300 µg/L); and thallium was detected at an estimated concentration of 1.4 µg/L (Class GA criterion of 0.5 µg/L).

VOCs were not detected in monitoring well MW-6A. Six metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-6A: chromium was detected at a concentration of 607 µg/L (Class GA criterion of 50 µg/L); iron was detected at a concentration of 3,780 µg/L (Class GA criterion of 300 µg/L); manganese was detected at a concentration of 7,140 µg/L (Class GA criterion 0f 300 µg/L); sodium was detected at a concentration of 59,600 µg/L (Class GA

criterion of 20,000 µg/L); and thallium was detected at a concentration of 32.3 µg/L (Class GA criterion of 0.5 µg/L).

Three VOCs were detected in monitoring well MW-6B above the Class GA criteria: cis-1,2-dichloroethene was detected at a concentration of 210 µg/L (Class GA criterion of 5 µg/L); trichloroethene (TCE) was detected at a concentration of 85 µg/L (Class GA criterion of 5 µg/L); and PCE was detected at a concentration of 1,100 µg/L (Class GA criterion of 5 µg/L). Two metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-6B: chromium was detected at a concentration of 62.2 µg/L (Class GA criterion of 50 µg/L); and iron was detected at a concentration of 1,950 µg/L (Class GA criterion of 300 µg/L).

PCE was detected at a concentration of 25 µg/L in monitoring well MW-11 above its Class GA criterion of 5 µg/L. Three metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-11: chromium was detected at a concentration of 50.1 µg/L (Class GA criterion of 50 µg/L); iron was detected at a concentration of 1,510 µg/L (Class GA criterion of 300 µg/L); and sodium was detected at a concentration of 23,700 µg/L (Class GA criterion of 20,000 µg/L).

Two VOCs were detected in monitoring well MW-12 above the Class GA criteria: PCE was detected at a concentration of 56 µg/L (Class GA criterion of 5 µg/L) and 1,2-dichlorobenzene was detected at a concentration of 9 µg/L (Class GA criterion of 4.7 µg/L). Six metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-12: chromium was detected at a concentration of 1,130 µg/L (Class GA criterion of 50 µg/L); iron as detected at a concentration of 2,810 µg/L (Class GA criterion 0 f 300 µg/L); manganese was detected at a concentration of 7,270 µg/L (Class GA criterion of 300 µg/L); nickel was detected at a concentration of 1,290 µg/L (Class GA criterion of 100 µg/L); sodium was detected at a concentration of 28,700; and thallium was detected at a concentration of 5 µg/L (Class GA criterion of 0.5 µg/L).

VOCs were not detected in monitoring well MW-13 above the Class GA criteria. Two metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-13: antimony was detected at a concentration of 6.3 µg/L (Class GA criterion of 3 µg/L); sodium was detected at a concentration of 35,700 µg/L (Class GA criterion of 20,000 µg/L); and thallium was detected at an estimated concentration of 1.7 µg/L (Class GA criterion of 0.5 µg/L).

VOCs were not detected in monitoring well MW-14 above the Class GA criteria. Two metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-14: iron was detected at a concentration of 449 µg/L (Class GA criterion of 300 µg/L); sodium was detected at a concentration of 60,500 µg/L (Class GA criterion of 20,000 µg/L); and thallium was detected at an estimated concentration of 1.3 µg/L (Class GA criterion of 0.5 µg/L).

Four VOCs were detected in monitoring well MW-16 above the Class GA criteria: cis-1,2-dichloroethene was detected at a concentration of 15 µg/L (Class GA criterion of 5 µg/L); 1,1,1-trichloroethane was detected at a concentration of 5 µg/L (Class GA criterion of 5 µg/L); TCE was detected at a concentration of 16 µg/L (Class GA criterion of 5 µg/L); and PCE was detected at a concentration of 25 µg/L (Class GA criterion of 5 µg/L). Four metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-16: chromium was detected at a concentration of 1,660 µg/L (Class GA criterion of 50 µg/L); iron as detected at a concentration of 7,270 µg/L (Class GA criterion 0 f 300 µg/L); nickel was detected at a concentration of 125 µg/L (Class GA criterion of 100 µg/L); and sodium was detected at a concentration of 24,500.

Three VOCs were detected in monitoring well MW-23S above the Class GA criteria: cis-1,2-dichloroethene was detected at a concentration of 360 µg/L (Class GA criterion of 5 µg/L); TCE

was detected at a concentration of 220 µg/L (Class GA criterion of 5 µg/L); and PCE was detected at a concentration of 5,200 µg/L (Class GA criterion of 5 µg/L). Three metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-23S: manganese was detected at a concentration of 1,570 µg/L (Class GA criterion of 300 µg/L); sodium was detected at a concentration of 28,700; and thallium was detected at a concentration of 7.8 µg/L (Class GA criterion of 0.5 µg/L).

VOCs were not detected above their respective Class GA criterion in monitoring well MW-23D. Two metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-23D: iron was detected at a concentration of 3,800 µg/L (Class GA criterion of 300 µg/L); and thallium was detected at an estimated concentration of 1.3 µg/L (Class GA criterion of 0.5 µg/L).

4.1 Volatile Organic Compounds

Targeted VOCs were not detected in monitoring wells MW-3A, MW-4, MW-6, and MW-14. All targeted VOCs were reported as either not detected or below their respective NYSDEC Class GA Groundwater Criterion in monitoring wells MW-5, MW-13 and MW-23D.

Five VOCs were detected at concentrations above their respective Class GA criterion in monitoring wells MW-6B, MW-11, MW-12, MW-16 and MW-23S. These exceedances included cis-1,2 dichloroethene, 1,1,1-trichloroethane, TCE, PCE and 1,2 dichlorobenzene.

Concentrations of cis-1,2 dichloroethene (Class GA criterion of 5 µg/L) ranged from an estimated concentration of 3 µg/L at MW-5 and MW-11 to 360 µg/L at MW-23S. 1,1,1-Trichloroethane (Class GA criterion of 5 µg/L) was detected at a concentration of 5 µg/L in monitoring well MW-16. Concentrations of TCE (Class GA criterion 5 µg/L) µg/L at MW-13 to 220 µg/L at MW-23S. Concentrations of PCE (Class GA criterion 5 µg/L) ranged from an estimated 4 µg/L at MW-23D to 5,200 µg/L at MW-23S. 1,2 Dichlorobenzene (Class GA criterion 5 µg/L) was detected in monitoring well MW-12 at a concentration of 9 µg/L.

A summary of historic PCE concentration data for selected monitoring wells is shown on Table 5. The data presented on this table is a compilation of data available for review during the preparation of this report and may not include all groundwater sampling results. PCE concentrations show a significant increase in monitoring wells MW-6A and MW-23S. At MW-6B, PCE concentrations had decreased through the 1990s to a low of 22 µg/L by January 1999. There was an increase noted in July 2000 to 160 µg/L followed by an order of magnitude increase in the most recent (June 2006) sampling event to 1,100 µg/L. Further sampling will be necessary to confirm this finding.

PCE concentrations have also significantly increased in monitoring well MW-23S. Historically, PCE concentrations at this location were less than 30 µg/L and were below the Class GA criterion of 5 µg/L during the May 2004 sampling event. During the June 2006 sampling event, the PCE concentration at this location was 5,200 µg/L. The cause of this increase is not known at this time. Further sampling will be necessary to confirm this finding.

4.2 TAL Metals

Of the 23 TAL metals, six metals were detected at concentrations above their respective Class GA criterion. These exceedances included antimony, chromium, iron, manganese, sodium and thallium.

Antimony was detected in five wells at concentrations ranging from an estimated 1.4 µg/L at MW-23D to 6.3 µg/L at MW-13, the only location where antimony exceeded the Class GA criterion of 3 µg/L. Chromium was detected in all 12 samples. Eight samples exceeded the Class GA criterion of 50 µg/L

with the highest concentration, 1,660 µg/L, at MW-16. Iron was also detected in all 12 samples with the concentration exceeding the Class GA criterion of 300 µg/L in 10 samples. The highest iron concentration was detected in MW-16, 7,270 µg/L. Manganese was detected in all 12 samples. Three samples exceeded the Class GA criterion of 300 µg/L with the highest concentration noted at MW-6A, 7,140 µg/L. Sodium was detected in all 12 samples. Eight samples exceeded the Class GA criterion of 20,000 µg/L with the highest concentration noted at MW-3A, 129,000 µg/L. Thallium was detected at seven locations with three samples exceeding the Class GA criterion of 4 µg/L. The highest thallium concentration was noted in MW-23S, 7.8 µg/L.

5.0 SUMMARY AND RECOMMENDATIONS FOR FUTURE SITE REMEDIATION ACTIVITIES

Concentrations of PCE and its breakdown daughter products (TCE, 1,1,1-trichloroethane, and cis-1,2-dichloroethene were detected in several monitoring wells. Of the five monitoring wells near the Site that were sampled (MW-3, MW-4, MW-5, MW-6A and MW-6B), PCE was only detected in deep monitoring well MW-6B (1,100 µg/L); it was not detected in the other four wells near the Site. Three of the monitoring wells sampled were located approximately halfway between the Site and the Bay Shore Middle School (MW-12, MW-13 and MW-14) along the Southern State Parkway. PCE was detected in two wells MW-12 (17 µg/L) and MW-13 (5 µg/L). PCE was not detected in groundwater at MW-14. Of the two monitoring wells near the Bay Shore Middle School that were sampled (MW-11 and MW-16) PCE was found at concentrations of 56 µg/L and 25 µg/L, respectively. Several daughter products were also detected at MW-16 that had not been detected at other locations closer to the Site. The two most downgradient wells sampled (MW-23S and MW-23D) were located near the Sunrise Highway. PCE was detected in MW-23S at a concentration of 5,200 µg/L along with high concentrations of two daughter products, TCE and cis-1,2-dichloroethene. PCE was detected at an estimated concentration of 4 µg/L in MW-23D.

Several metals were detected above the Class GA criterion in all 12 wells that were sampled during June 2006 event. Three of the metals, iron, manganese and sodium, are naturally occurring elements and will not be discussed further.

Chromium was found in all five near Site wells, MW-3A, MW-4, MW-5, MW-6A and MW-6B. Concentrations ranged from slightly above the 50 µg/L criterion (MW-3A, MW-5 and MW-6B) to an order of magnitude above the criterion at MW-4 and MW-6A. Chromium concentrations in the three wells along the Southern State Parkway ranged from below the criterion at MW-13 and MW-14 to 1,130 µg/L at MW-12.

Nickel was found at concentrations above the Class GA criterion of 100 µg/L in two near Site wells, MW-4 (240 µg/L) and MW-6A (160 µg/L). Nickel was found above the criterion in MW-12 (1,290 µg/L), one of the three monitoring wells along the Southern State Parkway, at more than an order of magnitude above the criterion. Nickel was found slightly above the criterion in one monitoring well at the Bay Shore Middle School, MW-16 (125 µg/L).

Thallium was detected at concentrations above the Class GA criterion of 0.5 µg/L in seven of 12 wells sampled. At four wells (MW-5, MW-13, MW-14 and MW-23D), the concentrations were approximately three times the criterion. Significantly higher concentrations were found at MW-12 (5µg/L), MW-23S (7.8 µg/L) and MW-6A (32.3 µg/L).

Future recommendations for the ServAll Laundry Site are continued monitoring of selected monitoring wells for VOCs and TAL metals. The significant increase in PCE concentration at monitoring wells MW-6B and MEW-23S will be reevaluated during the next sampling event.

TABLE 1
SERVALL LAUNDRY SITE (SITE 1-52-077)
MONITORING WELL LOCATIONS

Well ID	Latitude	Longitude	Comments
MW-1			Behind Servall Building
MW-2			Well appears to be missing
MW-3A			Well appears to be missing
MW-3B	40° 45.29	73° 15.73	West of the building on the north side of Drayton Avenue
MW-4	40° 45.22	73° 15.69	On north side of Frederick Avenue
MW-5	40° 45.22	73° 15.73'	On north side of Frederick Avenue
MW-6A	40° 45.22	73° 15.71	On north side of Frederick Avenue
MW-6B	40° 45.22	73° 15.72	On north side of Frederick Avenue
MW-7			Well appears to be missing
MW-8			Well appears to be missing
MW-9			Well appears to have been paved over or removed
MW-11	40° 44.49	73° 15.12	In grass on field at Bayshore Middle School
MW-12	40° 44.86	73° 15.48	In woods along Southern State Parkway near light pole
MW-13	40° 44.84	73° 15.39	In woods along Southern State Parkway near light pole
MW-14	40° 44.84	73° 15.26	In woods along Southern State Parkway near light pole
MW-16	40° 44.35	73° 15.05	South side of Abrew Street in roadway
MW-23S	40° 44.07	73° 14.92	In roadway on Cul-de-sac on Perkel Street
MW-23D	40° 44.07	73° 14.93	In roadway on Cul-de-sac on Perkel Street

Bolded monitoring wells are severely damaged and require repairs to the road box

TABLE 2
SERVALL LAUNDRY SITE (Site 1-52-077)
PIEZOMETER LOCATIONS

Piezometer	Latitude	Longitude	Found	Comment
PZ-94-1S	N40° 43.326	W73° 13.262		In the road at the west end of 39 Maple Street
PZ-94-2S			No	Overgrown vegetation, might be visible in winter
PZ-94-3D	N40° 42.962	W73° 14.078		Only one lid found in front of 145 Awixa Ave Could be either
PZ-94-3S	N40° 42.962	W73° 14.078	No	piezometer
PZ-4	N40° 45.297	W73° 15.648		In front of 15 Frederick Ave (10 feet west of MW-4)
PZ-94-4D	N40° 42.798	W73° 14.545		Across from marina by vacant lot
PZ-94-4S	N40° 42.798	W73° 14.545		Across from marina by vacant lot
PZ-5	N40° 45.301	W73° 15.695		In front of 9 Frederick Ave
PZ-94-5S			No	Pavement looks new
PZ-94-6S	N40° 43.606	W73° 13.348		West Side of Athasca Rd in front of Arnotts Winter Brothers
PZ-94-7D	N40° 43.499	W73° 13.683		North of entrance to Montfort Spiritual Center driveway
PZ-94-7S	N40° 43.499	W73° 13.683		North of entrance to Montfort Spiritual Center driveway
PZ-94-8D			No	
PZ-94-8S			No	
PZ-94-9D	N40° 43.063	W73° 14.509		In front of 11 Shore Lane
PZ-94-9S	N40° 43.063	W73° 14.508		In front of 11 Shore Lane
PZ-94-11S	N40° 42.942	W73° 15.145		On corner of Garner and Manatuck
PZ-94-12S			No	
PZ-94-13S			No	
PZ-94-14D	N40° 43.586	W73° 14.598		On Aletta Place at the exit of the Southside Hospital
PZ-94-14S	N40° 43.586	W73° 14.598		Employee parking lot
PZ-94-15S			No	
PZ-94-16S	N40° 43.188	W73° 15.352		Across from 26 Community Ave in a four well cluster
PZ-94-17D			No	Side of road is loose gravel and sand
PZ-94-17S			No	Side of road is loose gravel and sand
PZ-94-18S			No	Possibly under sand and puddles
PZ-94-19D			No	
PZ-94-19S			No	Gravel, sand, and overgrown vegetation
PZ-94-20S			No	
PZ-94-21D			No	
PZ-94-21S			No	
PZ-94-22S	N40° 44.287	W73° 14.514		Across from 1 Barry Street between sidewalk and street
PZ-94-23S	N40° 44.096	W73° 14.923		
PZ-94-24S	N40° 43.926	W73° 15.338		In front of high school near 3rd ave and Perkel Street intersection
PZ-94-25S			No	New Pavement
PZ-94-26S			No	New Pavement and nuisance dumping
PZ-94-27D	N40° 42.855	W73° 13.304		In road on north side of road across from 3 Ocean Street
PZ-94-28D			No	
PZ-94-28S			No	
PZ-102R	N40° 45.257	W73° 15.575		25 Feet north of fire hydrant on Stein Drive
PZ-103R			No	
PZ-104R	N50° 45.230	W73° 15.581		6 feet southwest of storm drain inlet on Stein Drive
PZ-105	N40° 45.213	W73° 15.585		4 feet east of stop sign
PZ-106R			No	
PZ-107R			No	
PZ-108	N40° 45.222	W73° 15.638		In front of 17 Walbridge Ave
PZ-109	N40° 45.214	W73° 15.597		Three feet west of driveway

TABLE 3
SERVALL LAUNDRY SITE (SITE 1-52-077)
GROUNDWATER ELEVATIONS

Well #	Reference Elevation	Date	Depth To Water	Water Table Elevation	Comments
MW-3A	64.54	2/12/91		54.20	
		6/6/06	20.68	43.86	June 2006 sampling event
MW-4	63.11	2/12/91		44.34	
		6/16/06	20.34	42.77	June 2006 sampling event
MW-5	64.04	2/12/91		44.60	
		6/15/06	20.98	43.06	June 2006 sampling event
MW-6A	63.87	2/12/91		44.31	
		6/15/06	20.93	42.94	June 2006 sampling event
MW-6B	63.83	2/12/91		44.34	
		6/15/06	20.89	42.94	June 2006 sampling event
MW-11	37.07	2/12/91		28.44	
		6/8/06	8.80	28.27	June 2006 sampling event
MW-12	50.61	2/12/91		37.46	
		6/15/06	14.15	36.46	June 2006 sampling event
MW-13	50.33	2/12/91		36.56	
		6/15/06	18.51	31.82	June 2006 sampling event
MW-14	49.98	2/12/91		35.63	
		6/15/06	15.01	34.97	June 2006 sampling event
MW-16	36.50	2/12/91		24.82	
		6/15/06	10.52	25.98	June 2006 sampling event
MW-23S	24.38	6/8/06	5.25	19.13	June 2006 sampling event
MW-23D	24.45	6/8/06	5.15	19.30	June 2006 sampling event

TABLE 4
SERVALL LAUNDRY SITE (SITE 1-52-077)
SUMMARY OF VOCs AND METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-2		MW-3A		MW-3B		MW-4		MW-5	
Sample ID	Class GA			SMW-3A				SMW-4		SMW-5	
Laboratory ID	Groundwater	Destroyed		E0773-18		Destroyed		E0832-10		E0832-05	
Sample Date	Criteria	6/6/06		6/6/06		6/6/06		6/16/06		6/15/06	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc.	Q	conc.	Q	conc.	Q	conc.	Q	conc.	Q
Volatile Organic Compounds											
1,1-Dichloroethene	5			ND				ND		ND	
Acetone	50			ND				ND		ND	
Methyl tert-butyl ether				ND				ND		ND	
cis-1,2-Dichloroethene	5			ND				ND		3.0	J
1,1,1-Trichloroethane	5			ND				ND		ND	
Trichloroethene	5			ND				ND		ND	
Tetrachloroethene	5			ND				ND		ND	
Chlorobenzene	5			ND				ND		ND	
1,2-Dichlorobenzene	4.7			ND				ND		ND	
Number of TICs				0				0		0	
Total TICs				ND				ND		ND	
TAL Metals											
Aluminum	NC			749				82.5	B	391	
Antimony	3			ND				ND		ND	
Arsenic	25			ND				2.2	B	1.7	B
Barium	1,000			67.3	B			16.7	B	17.9	B
Beryllium	3			ND				ND		ND	
Cadmium	5			ND				0.73	B	2.4	B
Calcium	NC			10,800				13,600		20,700	
Chromium	50			***55.8***				***534***		***80.5***	
Cobalt	NC			2.4	B			1.6	B	1.3	B
Copper	200			13	B			33.6		6.8	B
Iron	300			***1,070***				***1,710***		***934***	
Lead	25			ND				1.6	B	3.6	B
Magnesium	35,000			4,290				3,310		3,420	
Manganese	300			143				181		209	
Nickel	100			23.6	B			***240***		39.1	B
Potassium	NC			2,170				2,710		2,490	
Selenium	10			ND				ND		ND	
Sodium	20,000			***129,000***				13,400		13,400	
Thallium	0.5			ND				ND		***1.4***	***B***
Vanadium	NC			1.4	B			1.4	B	0.89	B
Zinc	2,000			53.7				17.7	B	29.2	B

ND - Not detected
B - Estimated value
D - Dilution
J - Estimated value
BOLD/ITALICS - exceeds criterion

TABLE 4
SERVALL LAUNDRY SITE (SITE 1-52-077)
SUMMARY OF VOCs AND METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-6A	MW-6B	MW-9	MW-11	MW-12
Sample ID	Class GA	SMW-6A	SMW-6B		SMW-11	SMW-12
Laboratory ID	Groundwater	E0832-06	E0832-07	Destroyed	E0773-19	E0832-01
Sample Date	Criteria	6/15/06	6/15/06	6/09/06	6/8/06	6/15/06
Matrix	water	water	water	water	water	water
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Volatile Organic Compounds						
1,1-Dichloroethene	5	ND	ND		ND	ND
Acetone	50	ND	ND		ND	ND
Methyl tert-butyl ether		ND	ND		ND	ND
cis-1,2-Dichloroethene	5	ND	***210 D***		3.0 J	ND
1,1,1-Trichloroethane	5	ND	ND		ND	ND
Trichloroethene	5	ND	***85***		4 J	ND
Tetrachloroethene	5	ND	***1,100 D***		***56***	***17***
Chlorobenzene	5	ND	ND		ND	4 J
1,2-Dichlorobenzene	4.7	ND	ND		ND	***9***
Number of TICs		0	0		1	0
Total TICs		ND	ND		6 J	ND
TAL Metals						
Aluminum	NC	527	2,000		1,440	369
Antimony	3	ND	2.7 B		ND	1.8 B
Arsenic	25	3.5 B	ND		1.7 B	8.2 B
Barium	1,000	72.2 B	19.3 B		46.1 B	67.6 B
Beryllium	3	ND	ND		ND	ND
Cadmium	5	1.5 B	0.75 B		4.4 B	2.8 B
Calcium	NC	33,800	19,600		11,100	17,000
Chromium	50	***607***	***62.2***		***50.1***	***1,130***
Cobalt	NC	11.3 B	2.2 B		2.7 B	24.3 B
Copper	200	16 B	17.5 B		18.5 B	67.9
Iron	300	***3,780***	***1,950***		***1,510***	***2,810***
Lead	25	4.1 B	2.8 B		ND	4.9 B
Magnesium	35,000	5,070	3,430		3,560	3,050
Manganese	300	***7,140***	81.6		30.7 B	***746***
Nickel	100	***160***	46.1 B		22.4 B	***1,290***
Potassium	NC	2,390	2,210		1,940	2,980
Selenium	10	1.7 B	ND		ND	3.1 B
Sodium	20,000	***59,600***	17,800		***23,700***	***62,500***
Thallium	0.5	***32.3***	ND		ND	***5 B***
Vanadium	NC	2.6 B	1.1 B		2.7 B	2.1 B
Zinc	2,000	45.6 B	53.6		80.9	35.2 B

ND - Not detected
B - Estimated value
D - Dilution
J - Estimated value
BOLD/ITALICS - exceeds criterion

TABLE 4
SERVALL LAUNDRY SITE (SITE 1-52-077)
SUMMARY OF VOCs AND METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-13		MW-14		MW-16		MW-23S		MW-23D	
Sample ID	Class GA	SMW-13		SMW-14		SMW-16		SMW-23S		SMW-23D	
Laboratory ID	Groundwater	E0832-02		E0832-03		E0832-04		E0773-20		E0773-21	
Sample Date	Criteria	6/15/06		6/15/06		6/15/06		6/8/06		6/8/06	
Matrix	water	water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc.	Q	conc.	Q	conc.	Q	conc.	Q	conc.	Q
Volatile Organic Compounds											
1,1-Dichloroethene	5	ND		ND		4	J	ND		ND	
Acetone	50	4	J	ND		ND		ND		ND	
Methyl tert-butyl ether		ND		ND		2	J	ND		ND	
cis-1,2-Dichloroethene	5	ND		ND		***15***		***360***	***D***	ND	
1,1,1-Trichloroethane	5	ND		ND		***5***		ND		ND	
Trichloroethene	5	3	J	ND		***16***		***220***	***D***	ND	
Tetrachloroethene	5	***5***		ND		***25***		***5,200***	***D***	4	J
Chlorobenzene	5	ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	4.7	ND		ND		ND		ND		ND	
Number of TICs		0		0		0		2		1	
Total TICs		ND		ND		ND		1,250	NJD	6	J
TAL Metals											
Aluminum	NC	38.5	B	139	B	534		253		7,130	
Antimony	3	***6.3***	B	2.7	B	ND		ND		1.4	B
Arsenic	25	1.7	B	ND		7	B	ND		2.5	B
Barium	1,000	55.5	B	48.6	B	13.6	B	25.6	B	77.8	B
Beryllium	3	ND		ND		ND		ND		0.6	B
Cadmium	5	3.8	B	1.3	B	0.71	B	ND		ND	
Calcium	NC	18,200		7,550		9,750		17,800		14,800	
Chromium	50	12.2	B	49.9		***1,660***		0.66	B	12.2	B
Cobalt	NC	1.3	B	1.3	B	4	B	2	B	5	B
Copper	200	8.3	B	ND		8.6	B	8.5	B	27.2	B
Iron	300	153	B	***449***		***7,270***		133	B	***3,800***	
Lead	25	2.1	B	1.7	B	2.8	B	ND		ND	
Magnesium	35,000	8,570		3,540		4,790		6,830		2,440	
Manganese	300	108		25.6	B	51.8		***1,570***		109	
Nickel	100	12	B	24.3	B	***125***		15	B	7.6	B
Potassium	NC	1,310		1,550		1,040		1,340		3,270	
Selenium	10	ND		1.4	B	2.2	B	ND		ND	
Sodium	20,000	***35,700***		***60,500***		***24,500***		***28,700***		16,200	
Thallium	0.5	***1.7***	***B***	***1.3***	***B***	ND		***7.8***	***B***	***1.3***	***B***
Vanadium	NC	0.6	B	ND		6.4	B	ND		14.5	B
Zinc	2,000	28.9	B	22.2	B	25.9	B	15.2	B	53.8	

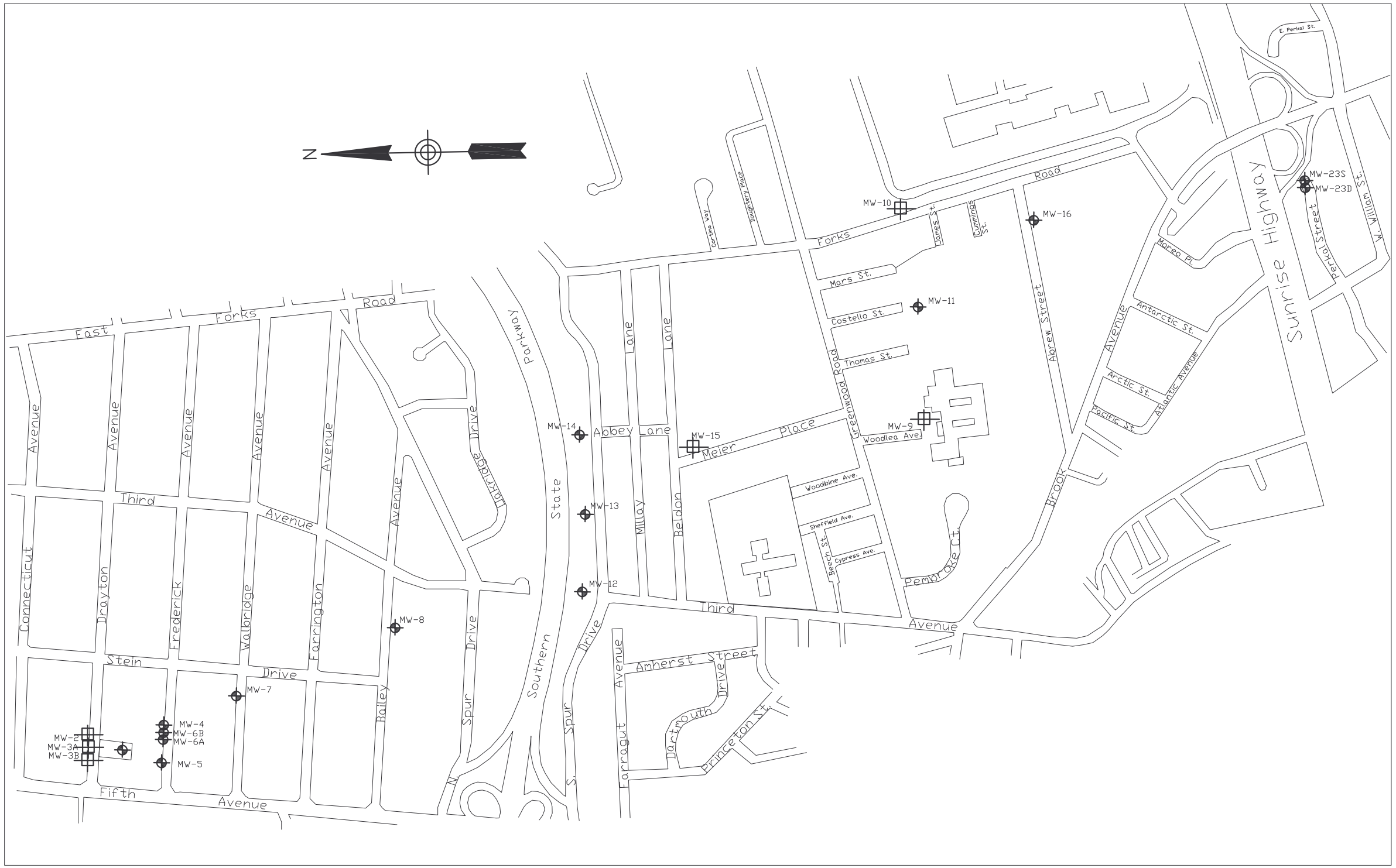
ND - Not detected
B - Estimated value
D - Dilution
J - Estimated value
BOLD/ITALICS - exceeds criterion

TABLE 5
SUMMARY OF HISTORIC TETRACHLOROETHENE CONCENTRATIONS IN SELECTED MONITORING WELLS
SERVALL LAUNDRY SITE (SITE 1-52-077)

	MW-3A	MW-4	MW-5	MW-6A	MW-6B	MW-11	MW-12	MW-13	MW-14	MW-16	MW-23S	MW-23D
June 2006	ND	ND	ND	ND	1,100 D	56	17	5	ND	25	5,200 D	4 J
May 2004	NA	NA	NA	NA	NA	NA	7	0.3 J	ND	410 E	4	0.6 J
July 2000	ND	NA	ND	ND	160	96	820 D	6 J	ND	1,600 D	27	8 J
Jan 1999	NA	ND	3 J	1 J	22 J	290 J	6 J	4 J	ND	NA	29 J	3 J
Jan 1998	ND	4	ND	2	11,000	20	2	ND	ND	450		ND
Dec 1995	0.34 J	ND	NA	ND	8,400 E	800	NA	230	NA	1,700 E	7.8	ND
Mar 1990	ND	ND	ND	100	13,000 DJ	5,900	ND	4,600 JD	ND	960 JD	NA	NA
Feb 1990	ND	ND	ND	48	14,000	8,900	ND	5,800 D	ND	260	NA	NA

Notes
ND - Not detected
NA - Not sampled or data not available
E - Concentration exceeded the QC criterion, no dilution run data found
D - Dilution
J - Estimated concentration
The data presented in this table is a compilation of data available at the time of this report and is not a comprehensive listing of all data collected.
May 2004 - Data is very confusing. It is difficult to establish which well is presented on the Form 1s.
(taken from report.hw152077.2004-05.GW04.pdf)
July 2000 data from H2M Labs, (ServAll data Summary July 2000.pdf)
January 1999 & January 1998 (Harding Lawson, 1999 groundwater Sampling Technical Memorandum (ServAll 1999 gw sampling.pdf)
December 1995 data from Plume Discharge Study (ServAll December 1995.pdf)
February and March 1990 data from E.C. Jordan, RI/FS 1992 (ServAll jan 1992.pdf)

FIGURE 1
Site Location Map
152077 ServAll Laundry
NYSDOT Planimetric Quadrangle(s):
CENTRAL ISLIP, GREENLAWN, BAY SHORE EAST, BAY SHORE WEST



Scale In Feet

0 500 1000

Legend

- Monitoring Well
- Damaged or Missing Monitoring Well

ENVIRONMENTAL / CONSULTING ENGINEERS

EARTH TECH

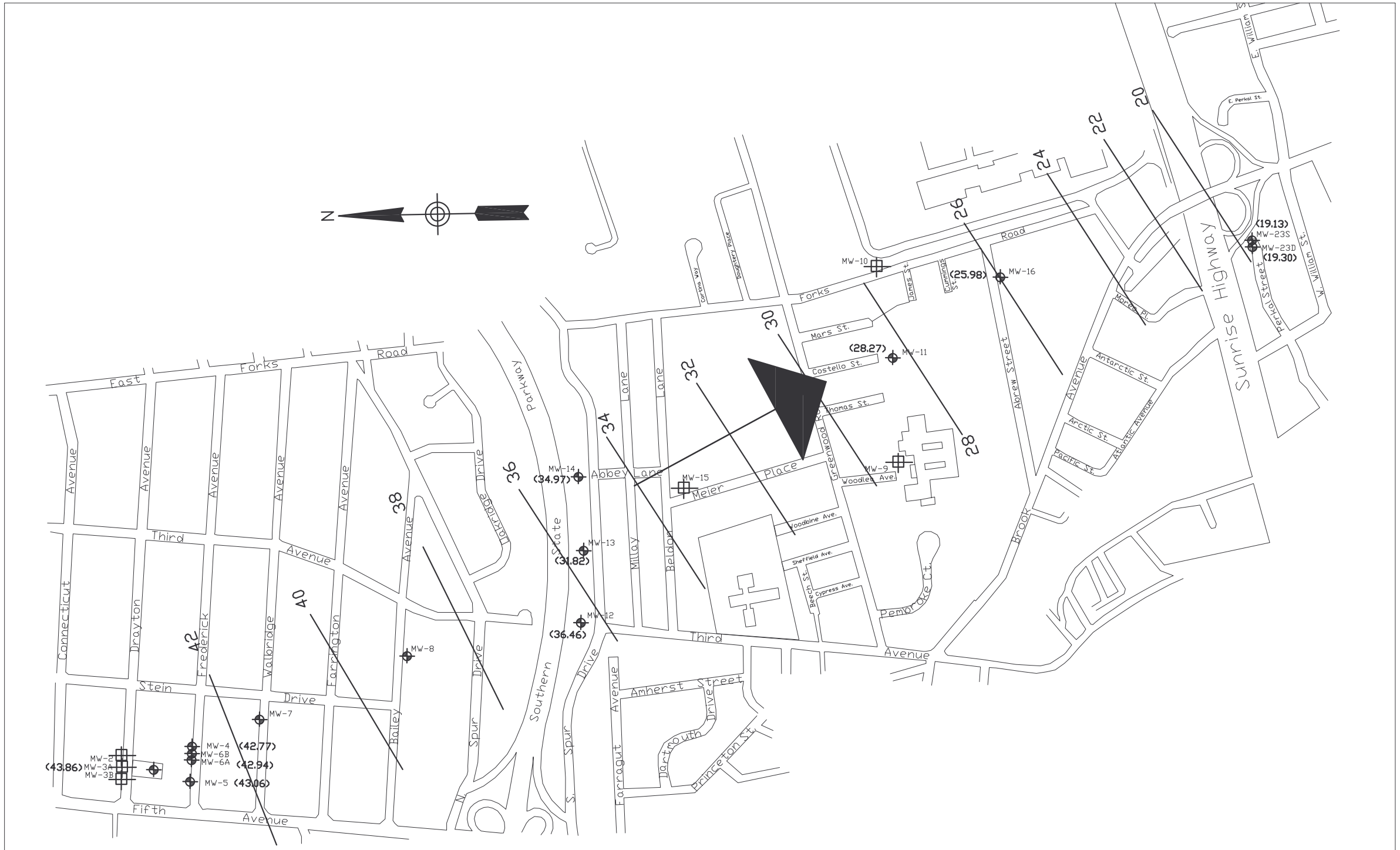
REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT:
Multi Site G
Servall Laundry
West Islip, New York

CLIENT:
New York Department of Environmental Conservation
Albany, New York

DRAWING TITLE:	Site Plan
DRAWN BY:	KDS
CHECKED BY:	PK
SCALE:	As Shown
DATE:	10/19/2006
PROJECT NO.	95900.04
DRAWING NO.	Figure 2

300 BROADACRES DRIVE
BLOOMFIELD, NJ 07003



Scale In Feet
0 500 1000

Legend

- Monitoring Well
- Damaged or Missing Monitoring Well
- (43.86) Groundwater Elevation
- 34 Groundwater Contour Line
- Groundwater Flow Direction

Note:

MW-13 Not used in contours

ENVIRONMENTAL / CONSULTING ENGINEERS

EARTH TECH

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT:
Multi Site G
Servall Laundry
West Islip, New York

CLIENT:
New York Department of Environmental Conservation
Albany, New York

DRAWING TITLE:
Groundwater Contour Map
June 15, 2006

DRAWN BY:	KDS
CHECKED BY:	PK
SCALE:	As Shown
DATE:	10/19/2006
PROJECT NO.	95900.04
DRAWING NO.	Figure 3

300 BROADACRES DRIVE
BLOOMFIELD, NJ 07003

Legend

- Monitoring Well
- Damaged or Missing Monitoring Well

Note:
All results are shown in micrograms per liter (ug/L)

ENVIRONMENTAL / CONSULTING ENGINEERS

EARTH TECH

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT:
Multi Site G
Servall Laundry
West Islip, New York

CLIENT:
New York Department of Environmental Conservation
Albany, New York

DRAWING TITLE:
Summary of VOCs and TAL Metals in Groundwater June 15, 2006

DRAWN BY: KDS
CHECKED BY: PK
SCALE: As Shown
DATE: 10/19/2006
PROJECT NO. 95900.04
DRAWING NO. Figure 4

300 BROADACRES DRIVE
BLOOMFIELD, NJ 07003

APPENDIX A

WELL SAMPLING FORMS

EarthTech

A tyco International Ltd. Company

WELL NO. SMW-3A

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.: 87616 / 04	SHEET: 1 OF 1
LOCATION: ServAll Laundry Site, Bay Shore, NY #1-52-077		DATE WELL STARTED: 6/6/06	DATE WELL COMPLETED: 6/6/06
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Kevin Seise, Jason Klein	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : **9.96** WELL TD: **81.93** PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
	20.68		17.24	259	47.8	7.6	88.3	463	
14:00			15.37	721	3.3	6.29	131	127	Purge Volume 29.88 gal.
									Well box destroyed

Pump Type: Waterra HydroLift pump with black poly tubing and a foot valve

Analytical Parameters: VOCs, TAL metals

EarthTech

A tyco International Ltd. Company

WELL NO. SMW-4

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.: 87616 / 04	SHEET: 1 OF SHEETS: 1
LOCATION: ServAll Laundry Site, Bay Shore, NY #1-52-077		DATE WELL STARTED: 6/16/06	DATE WELL COMPLETED: 6/16/06
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Kevin Seise, Jason Klein	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : **10.32** WELL TD: **83.61** PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
	20.34		16.67	0.136	10.07	6.74	165.5	86.7	
11:20			15.76	0.344	7.98	5.46	215.2	3.42	Purge Volume 30.96 gal.
									Well box destroyed

Pump Type: Centrifugal pump with black poly tubing

Analytical Parameters: VOCs, TAL metals

EarthTech

A tyco International Ltd. Company

WELL NO. SMW-5

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.: 87616 / 04	SHEET: 1 OF SHEETS: 1
LOCATION: ServAll Laundry Site, Bay Shore, NY #1-52-077		DATE WELL STARTED: 6/15/06	DATE WELL COMPLETED: 6/15/06
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Kevin Seise, Jason Klein	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : **10.32** WELL TD: **84.25** PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	20.98		16.75	0.16	9.81	6.6	167.5	60.8	
14:00			16.76	0.192	9.87	6.04	190.8	1.86	Purge Volume 30.96 gal.

Pump Type: Centrifugal pump with black poly tubing

Analytical Parameters: VOCs, TAL metals

EarthTech

A tyco International Ltd. Company

WELL NO. SMW-6A

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.: 87616 / 04	SHEET: 1 OF SHEETS: 1
LOCATION: ServAll Laundry Site, Bay Shore, NY #1-52-077		DATE WELL STARTED: 6/15/06	DATE WELL COMPLETED: 6/15/06
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Kevin Seise, Jason Klein	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : **8.76** WELL TD: **62.40** PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	20.93		15,98	0.461	7.14	6.22	187.2	6.9	
13:25			15.99	0.465	6.72	6.21	188.3	2.13	Purge Volume 20.30 gal.

Pump Type: Centrifugal pump with black poly tubing

Analytical Parameters: VOCs, TAL metals

EarthTech

A tyco International Ltd. Company

WELL NO. SMW-6B

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.: 87616 / 04	SHEET: 1 OF SHEETS: 1
LOCATION: ServAll Laundry Site, Bay Shore, NY #1-52-077		DATE WELL STARTED: 6/15/06	DATE WELL COMPLETED: 6/15/06
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Kevin Seise, Jason Klein	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : **1.74** WELL TD: **31.60** PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	20.89		15.4	0.164	6.64	6.07	184.8	78.8	
13:45			15.74	0.16	6.46	6.03	183.1	8.52	Purge Volume 5.24 gal.

Pump Type: Centrifugal pump with black poly tubing

Analytical Parameters: VOCs, TAL metals

EarthTech

A tyco International Ltd. Company

WELL NO. SMW-11

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.: 87616 / 04	SHEET: 1 OF SHEETS: 1
LOCATION: ServAll Laundry Site, Bay Shore, NY #1-52-077		DATE WELL STARTED: 6/8/06	DATE WELL COMPLETED: 6/8/06
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Kevin Seise, Jason Klein	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : **13.095** WELL TD: **89.04** PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	REMARKS
	8.8		14.25	0.13	8.84	6.24	224.6	2.17	
13:00			13.75	0.139	8.41	6.1	212.6	1.88	Purge Volume 39.28 gal.

Pump Type: Centrifugal pump with black poly tubing

Analytical Parameters: VOCs, TAL metals

EarthTech

A tyco International Ltd. Company

WELL NO. SMW-12

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.: 87616 / 04	SHEET: 1 OF SHEETS: 1
LOCATION: ServAll Laundry Site, Bay Shore, NY #1-52-077		DATE WELL STARTED: 6/15/06	DATE WELL COMPLETED: 6/15/06
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Kevin Seise, Jason Klein	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : **12.28** WELL TD: **89.40** PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	14.15		14.9	0.295	9.39	5.68	183.3	3.87	
9:15			14.33	0.29	9.54	5.61	191.4	1.62	Purge Volume 36.84 gal.
									Duplicate
									MS
									MSD

Pump Type: Centrifugal pump with black poly tubing

Analytical Parameters: VOCs, TAL metals

EarthTech

A tyco International Ltd. Company

WELL NO. SMW-13

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.: 87616 / 04	SHEET: 1 OF SHEETS: 1
LOCATION: ServAll Laundry Site, Bay Shore, NY #1-52-077		DATE WELL STARTED: 6/15/06	DATE WELL COMPLETED: 6/15/06
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Kevin Seise, Jason Klein	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : **12.88** WELL TD: **97.43** PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	18.51		13.83	0.019	11.07	7.04	165.1	56.1	
9:50			14.82	0.307	8.23	5.66	206.1	13.8	Purge Volume 39.28 gal.

Pump Type: Centrifugal pump with black poly tubing

Analytical Parameters: VOCs, TAL metals

EarthTech

A tyco International Ltd. Company

WELL NO. SMW-14

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.: 87616 / 04	SHEET: 1 OF SHEETS: 1
LOCATION: ServAll Laundry Site, Bay Shore, NY #1-52-077		DATE WELL STARTED: 6/15/06	DATE WELL COMPLETED: 6/15/06
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Kevin Seise, Jason Klein	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : **12.80** WELL TD: **93.42** PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	15.01		13.47	0.286	9.85	5.93	195.4	38.6	
11:00			13.78	0.27	8.44	5.74	210.1	27.7	Purge Volume 38.38

Pump Type: Centrifugal pump with black poly tubing

Analytical Parameters: VOCs, TAL metals

EarthTech

A tyco International Ltd. Company

WELL NO. SMW-16

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.: 87616 / 04	SHEET: 1 OF 1
LOCATION: ServAll Laundry Site, Bay Shore, NY #1-52-077		DATE WELL STARTED: 6/15/06	DATE WELL COMPLETED: 6/15/06
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Kevin Seise, Jason Klein	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : **13.62** WELL TD: **94.01** PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	10.52		14.96	0.195	10.65	6.13	167.5	67.8	
11:00			14.56	0.202	9.75	6.03	188.1	1.62	Purge Volume 40.86

Pump Type: Centrifugal pump with black poly tubing

Analytical Parameters: VOCs, TAL metals

EarthTech

A tyco International Ltd. Company

WELL NO. SMW-23S

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.: 87616 / 04	SHEET: 1 OF SHEETS: 1
LOCATION: ServAll Laundry Site, Bay Shore, NY #1-52-077		DATE WELL STARTED: 6/8/06	DATE WELL COMPLETED: 6/8/06
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Kevin Seise, Jason Klein	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : **10.43** WELL TD: **69.19** PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	5.25		16.68	0.052	6.96	6.06	228.9	1.9	
15:45			15.93	0.078	6.78	6.03	224.3	1.62	Purge Volume 31.30

Pump Type: Centrifugal pump with black poly tubing

Analytical Parameters: VOCs, TAL metals

EarthTech

A tyco International Ltd. Company

WELL NO. SMW-23D

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.: 87616 / 04	SHEET: 1 OF SHEETS: 1
LOCATION: ServAll Laundry Site, Bay Shore, NY #1-52-077		DATE WELL STARTED: 6/8/06	DATE WELL COMPLETED: 6/8/06
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Kevin Seise, Jason Klein	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : **13.42** WELL TD: **87.43** PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP	Turbidity (ntu)	
	5.15		15.97	0.164	3.44	5.93	234.1	1.8	
16:00			12.77	0.143	4.38	6.04	220.8	6.4	Purge Volume 40.28

Pump Type: Centrifugal pump with black poly tubing

Analytical Parameters: VOCs, TAL metals

APPENDIX B

LABORATORY DATA SUMMARY PACKAGES (FORM 1S)

APPENDIX B TABLE 1
SERVALL LAUNDRY SITE (SITE 1-52-077)
VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Sample Location	NYSDEC	MW-2		MW-3A		MW-3B		MW-4		MW-5	
Sample ID	Class GA			SMW-3A				SMW-4		SMW-5	
Laboratory ID	Groundwater	Destroyed		E0773-18		Destroyed		E0832-10		E0832-05	
Sample Date	Criteria	6/06/06		6/6/06		6/6/06		6/16/06		6/15/06	
Matrix		water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc.	Q	conc.	Q	conc.	Q	conc.	Q	conc.	Q
Dichlorodifluoromethane				5	U			5	U	5	U
Chloromethane	NC			5	U			5	U	5	U
Vinyl Chloride	2			5	U			5	U	5	U
Bromomethane	5			5	U			5	U	5	U
Chloroethane	50			5	U			5	U	5	U
Trichlorofluoromethane	5			5	U			5	U	5	U
1,1-Dichloroethene	5			5	U			5	U	5	U
Acetone	50			5	U			5	U	5	U
Iodomethane	NC			5	U			5	U	5	U
Carbon Disulfide	50			5	U			5	U	5	U
Methylene Chloride	5			5	U			5	U	5	U
trans-1,2-Dichloroethene	5			5	U			5	U	5	U
Methyl tert-butyl ether	NC			5	U			5	U	5	U
1,1-Dichloroethane	5			5	U			5	U	5	U
Vinyl acetate	NC			5	U			5	U	5	U
2-Butanone	50			5	U			5	U	5	U
cis-1,2-Dichloroethene	5			5	U			5	U	3.0	J
2,2 -Dichloropropane	5			5	U			5	U	5	U
Bromochloromethane	50			5	U			5	U	5	U
Chloroform	7			5	U			5	U	5	U
1,1,1-Trichloroethane	5			5	U			5	U	5	U
1,1-Dichloropropene	5			5	U			5	U	5	U
Carbon Tetrachloride	5			5	U			5	U	5	U
1,2-Dichloroethane	0.6			5	U			5	U	5	U
Benzene	1			5	U			5	U	5	U
Trichloroethene	5			5	U			5	U	5	U
1,2-Dichloropropane	1			5	U			5	U	5	U
Dibromomethane	5			5	U			5	U	5	U
Bromodichloromethane	50			5	U			5	U	5	U
cis-1,3-Dichloropropene	0.4			5	U			5	U	5	U
4-Methyl-2-Pentanone	50			5	U			5	U	5	U
Toluene	5			5	U			5	U	5	U
trans-1,3-Dichloropropene	0.4			5	U			5	U	5	U
1,1,2-Trichloroethane	1			5	U			5	U	5	U
1,3-Dichloropropane	5			5	U			5	U	5	U
Tetrachloroethene	5			5	U			5	U	5	U
2-Hexanone	50			5	U			5	U	5	U
Dibromochloromethane	50			5	U			5	U	5	U
1,2-Dibromoethane	NC			5	U			5	U	5	U
Chlorobenzene	5			5	U			5	U	5	U
1,1,1,2-Tetrachloroethane	5			5	U			5	U	5	U
Ethylbenzene	5			5	U			5	U	5	U

APPENDIX B TABLE 1
SERVALL LAUNDRY SITE (SITE 1-52-077)
VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Sample Location	NYSDEC	MW-2		MW-3A		MW-3B		MW-4		MW-5	
Sample ID	Class GA			SMW-3A				SMW-4		SMW-5	
Laboratory ID	Groundwater	Destroyed		E0773-18		Destroyed		E0832-10		E0832-05	
Sample Date	Criteria	6/06/06		6/6/06		6/6/06		6/16/06		6/15/06	
Matrix		water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc.	Q	conc.	Q	conc.	Q	conc.	Q	conc.	Q
m,p-Xylene	5			5	U			5	U	5	U
o-Xylene	5			5	U			5	U	5	U
Xylene (total)	5			5	U			5	U	5	U
Styrene	5			5	U			5	U	5	U
Bromoform	50			5	U			5	U	5	U
Isoproprylbenzene	5			5	U			5	U	5	U
1,1,2,2-Tetrachloroethane	5			5	U			5	U	5	U
Bromobenzene	5			5	U			5	U	5	U
1,2,3-Trichloropropane	5			5	U			5	U	5	U
n-Propylbenzene	NC			5	U			5	U	5	U
2-Chlorotoluene	5			5	U			5	U	5	U
1,3,5-Trimethylbenzene	5			5	U			5	U	5	U
4-Chlorotoluene	5			5	U			5	U	5	U
tert-Butylbenzene	5			5	U			5	U	5	U
1,2,4-Trimethylbenzene	5			5	U			5	U	5	U
sec-Butylbenzene	5			5	U			5	U	5	U
4-Isopropyltoluene	5			5	U			5	U	5	U
1,3-Dichlorobenzene	5			5	U			5	U	5	U
1,4-Dichlorobenzene	5			5	U			5	U	5	U
n-Butylbenzene	5			5	U			5	U	5	U
1,2-Dichlorobenzene	4.7			5	U			5	U	5	U
1,2-Dibromo-3-chloropropane	0.04			5	U			5	U	5	U
1,2,4-Trichlorobenzene	5			5	U			5	U	5	U
Hexachlorobutadiene	0.5			5	U			5	U	5	U
Naphthalene	10			5	U			5	U	5	U
1,2,3-Trichlorobenzene	5			5	U			5	U	5	U
Number of TICs				0				0		0	
Total TICs				0				0		0	

APPENDIX B TABLE 1
SERVALL LAUNDRY SITE (SITE 1-52-077)
VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Sample Location	NYSDEC	MW-6A		MW-6B		MW-9		MW-11		MW-12	
Sample ID	Class GA	SMW-6A		SMW-6B				SMW-11		SMW-12	
Laboratory ID	Groundwater	E0832-06		E0832-07		Destroyed		E0773-19		E0832-01	
Sample Date	Criteria	6/15/06		6/15/06		6/09/06		6/8/06		6/15/06	
Matrix		water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc.	Q	conc.	Q	conc.	Q	conc.	Q	conc.	Q
Dichlorodifluoromethane		5	U	5	U			5	U	5	U
Chloromethane	NC	5	U	5	U			5	U	5	U
Vinyl Chloride	2	5	U	5	U			5	U	5	U
Bromomethane	5	5	U	5	U			5	U	5	U
Chloroethane	50	5	U	5	U			5	U	5	U
Trichlorofluoromethane	5	5	U	5	U			5	U	5	U
1,1-Dichloroethene	5	5	U	5	U			5	U	5	U
Acetone	50	5	U	5	U			5	U	5	U
Iodomethane	NC	5	U	5	U			5	U	5	U
Carbon Disulfide	50	5	U	5	U			5	U	5	U
Methylene Chloride	5	5	U	5	U			5	U	5	U
trans-1,2-Dichloroethene	5	5	U	5	U			5	U	5	U
Methyl tert-butyl ether	NC	5	U	5	U			5	U	5	U
1,1-Dichloroethane	5	5	U	5	U			5	U	5	U
Vinyl acetate	NC	5	U	5	U			5	U	5	U
2-Butanone	50	5	U	5	U			5	U	5	U
cis-1,2-Dichloroethene	5	5	U	210	D			3	J	5	U
2,2 -Dichloropropane	5	5	U	5	U			5	U	5	U
Bromochloromethane	50	5	U	5	U			5	U	5	U
Chloroform	7	5	U	5	U			5	U	5	U
1,1,1-Trichloroethane	5	5	U	5	U			5	U	5	U
1,1-Dichloropropene	5	5	U	5	U			5	U	5	U
Carbon Tetrachloride	5	5	U	5	U			5	U	5	U
1,2-Dichloroethane	0.6	5	U	5	U			5	U	5	U
Benzene	1	5	U	5	U			5	U	5	U
Trichloroethene	5	5	U	85				4	J	5	U
1,2-Dichloropropane	1	5	U	5	U			5	U	5	U
Dibromomethane	5	5	U	5	U			5	U	5	U
Bromodichloromethane	50	5	U	5	U			5	U	5	U
cis-1,3-Dichloropropene	0.4	5	U	5	U			5	U	5	U
4-Methyl-2-Pentanone	50	5	U	5	U			5	U	5	U
Toluene	5	5	U	5	U			5	U	5	U
trans-1,3-Dichloropropene	0.4	5	U	5	U			5	U	5	U
1,1,2-Trichloroethane	1	5	U	5	U			5	U	5	U
1,3-Dichloropropane	5	5	U	5	U			5	U	5	U
Tetrachloroethene	5	5	U	1,100	D			56		17	
2-Hexanone	50	5	U	5	U			5	U	5	U
Dibromochloromethane	50	5	U	5	U			5	U	5	U
1,2-Dibromoethane	NC	5	U	5	U			5	U	5	U
Chlorobenzene	5	5	U	5	U			5	U	4	J
1,1,1,2-Tetrachloroethane	5	5	U	5	U			5	U	5	U
Ethylbenzene	5	5	U	5	U			5	U	5	U

APPENDIX B TABLE 1
SERVALL LAUNDRY SITE (SITE 1-52-077)
VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Sample Location	NYSDEC	MW-6A	MW-6B	MW-9	MW-11	MW-12
Sample ID	Class GA	SMW-6A	SMW-6B		SMW-11	SMW-12
Laboratory ID	Groundwater	E0832-06	E0832-07	Destroyed	E0773-19	E0832-01
Sample Date	Criteria	6/15/06	6/15/06	6/09/06	6/8/06	6/15/06
Matrix		water	water	water	water	water
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
m,p-Xylene	5	5 U	5 U		5 U	5 U
o-Xylene	5	5 U	5 U		5 U	5 U
Xylene (total)	5	5 U	5 U		5 U	5 U
Styrene	5	5 U	5 U		5 U	5 U
Bromoform	50	5 U	5 U		5 U	5 U
Isoproprylbenzene	5	5 U	5 U		5 U	5 U
1,1,2,2-Tetrachloroethane	5	5 U	5 U		5 U	5 U
Bromobenzene	5	5 U	5 U		5 U	5 U
1,2,3-Trichloropropane	5	5 U	5 U		5 U	5 U
n-Propylbenzene	NC	5 U	5 U		5 U	5 U
2-Chlorotoluene	5	5 U	5 U		5 U	5 U
1,3,5-Trimethylbenzene	5	5 U	5 U		5 U	5 U
4-Chlorotoluene	5	5 U	5 U		5 U	5 U
tert-Butylbenzene	5	5 U	5 U		5 U	5 U
1,2,4-Trimethylbenzene	5	5 U	5 U		5 U	5 U
sec-Butylbenzene	5	5 U	5 U		5 U	5 U
4-Isopropyltoluene	5	5 U	5 U		5 U	5 U
1,3-Dichlorobenzene	5	5 U	5 U		5 U	5 U
1,4-Dichlorobenzene	5	5 U	5 U		5 U	5 U
n-Butylbenzene	5	5 U	5 U		5 U	5 U
1,2-Dichlorobenzene	4.7	5 U	5 U		5 U	9
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U		5 U	5 U
1,2,4-Trichlorobenzene	5	5 U	5 U		5 U	5 U
Hexachlorobutadiene	0.5	5 U	5 U		5 U	5 U
Naphthalene	10	5 U	5 U		5 U	5 U
1,2,3-Trichlorobenzene	5	5 U	5 U		5 U	5 U
Number of TICs		0	0		1	0
Total TICs		0	0		6 J	0

APPENDIX B TABLE 1
SERVALL LAUNDRY SITE (SITE 1-52-077)
VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Sample Location	NYSDEC	MW-13		MW-14		MW-16		MW-23S		MW-23D	
Sample ID	Class GA	SMW-13		SMW-14		SMW-16		SMW-23S		SMW-23D	
Laboratory ID	Groundwater	E0832-02		E0832-03		E0832-04		E0773-20		E0773-21	
Sample Date	Criteria	6/15/06		6/15/06		6/15/06		6/8/06		6/8/06	
Matrix		water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc.	Q	conc.	Q	conc.	Q	conc.	Q	conc.	Q
Dichlorodifluoromethane		5	U	5	U	5	U	5	U	5	U
Chloromethane	NC	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	2	5	U	5	U	5	U	5	U	5	U
Bromomethane	5	5	U	5	U	5	U	5	U	5	U
Chloroethane	50	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	5	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	5	5	U	5	U	4	J	5	U	5	U
Acetone	50	4	J	5	U	5	U	5	U	5	U
Iodomethane	NC	5	U	5	U	5	U	5	U	5	U
Carbon Disulfide	50	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	5	5	U	5	U	5	U	5	U	5	U
trans-1,2-Dichloroethene	5	5	U	5	U	5	U	5	U	5	U
Methyl tert-butyl ether	NC	5	U	5	U	2	J	5	U	5	U
1,1-Dichloroethane	5	5	U	5	U	5	U	5	U	5	U
Vinyl acetate	NC	5	U	5	U	5	U	5	U	5	U
2-Butanone	50	5	U	5	U	5	U	5	U	5	U
cis-1,2-Dichloroethene	5	5	U	5	U	15		360	D	5	U
2,2 -Dichloropropane	5	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	50	5	U	5	U	5	U	5	U	5	U
Chloroform	7	5	U	5	U	5	U	5	U	5	U
1,1,1-Trichloroethane	5	5	U	5	U	5		5	U	5	U
1,1-Dichloropropene	5	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	5	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	0.6	5	U	5	U	5	U	5	U	5	U
Benzene	1	5	U	5	U	5	U	5	U	5	U
Trichloroethene	5	3	J	5	U	16		220	D	5	U
1,2-Dichloropropane	1	5	U	5	U	5	U	5	U	5	U
Dibromomethane	5	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	50	5	U	5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene	0.4	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	50	5	U	5	U	5	U	5	U	5	U
Toluene	5	5	U	5	U	5	U	5	U	5	U
trans-1,3-Dichloropropene	0.4	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	1	5	U	5	U	5	U	5	U	5	U
1,3-Dichloropropane	5	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	5	5		5	U	25		5,200	D	4	J
2-Hexanone	50	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	50	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	NC	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	5	5	U	5	U	5	U	5	U	5	U
1,1,1,2-Tetrachloroethane	5	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	5	5	U	5	U	5	U	5	U	5	U

APPENDIX B TABLE 1
SERVALL LAUNDRY SITE (SITE 1-52-077)
VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Sample Location	NYSDEC	MW-13		MW-14		MW-16		MW-23S		MW-23D	
Sample ID	Class GA	SMW-13		SMW-14		SMW-16		SMW-23S		SMW-23D	
Laboratory ID	Groundwater	E0832-02		E0832-03		E0832-04		E0773-20		E0773-21	
Sample Date	Criteria	6/15/06		6/15/06		6/15/06		6/8/06		6/8/06	
Matrix		water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		conc.	Q	conc.	Q	conc.	Q	conc.	Q	conc.	Q
m,p-Xylene	5	5	U	5	U	5	U	5	U	5	U
o-Xylene	5	5	U	5	U	5	U	5	U	5	U
Xylene (total)	5	5	U	5	U	5	U	5	U	5	U
Styrene	5	5	U	5	U	5	U	5	U	5	U
Bromoform	50	5	U	5	U	5	U	5	U	5	U
Isoproprylbenzene	5	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	5	U	5	U	5	U	5	U	5	U
Bromobenzene	5	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichloropropane	5	5	U	5	U	5	U	5	U	5	U
n-Propylbenzene	NC	5	U	5	U	5	U	5	U	5	U
2-Chlorotoluene	5	5	U	5	U	5	U	5	U	5	U
1,3,5-Trimethylbenzene	5	5	U	5	U	5	U	5	U	5	U
4-Chlorotoluene	5	5	U	5	U	5	U	5	U	5	U
tert-Butylbenzene	5	5	U	5	U	5	U	5	U	5	U
1,2,4-Trimethylbenzene	5	5	U	5	U	5	U	5	U	5	U
sec-Butylbenzene	5	5	U	5	U	5	U	5	U	5	U
4-Isopropyltoluene	5	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U
n-Butylbenzene	5	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	4.7	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-chloropropane	0.04	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U
Hexachlorobutadiene	0.5	5	U	5	U	5	U	5	U	5	U
Naphthalene	10	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U
Number of TICs		0		0		0		2		1	
Total TICs		0		0		0		1,250	NJD	6	J

APPENDIX B TABLE 2
SERVALL LAUNDRY SITE (SITE 1-52-077)
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-2	MW-3A	MW-3B	MW-4	MW-5	MW-6A
Sample ID	Class GA		SMW-3A		SMW-4	SMW-5	SMW-6A
Laboratory ID	Groundwater	Destroyed	E0773-18	Destroyed	E0832-10	E0832-05	E0832-06
Sample Date	Criteria	6/06/06	6/6/06	6/6/06	6/16/06	6/15/06	6/15/06
Matrix	water	water	water	water	water	water	water
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC		749		82.5 B	391.0	527
Antimony	3		1.2 U		1.2 U	1.2 U	1.2 U
Arsenic	25		1.6 U		2.2 B	1.7 B	3.5 B
Barium	1,000		67.3 B		16.7 B	17.9 B	72.2 B
Beryllium	3		0.15 U		0.15 U	0.15 U	0.15 U
Cadmium	10		0.1 U		0.73 B	2.40 B	1.5 B
Calcium	NC		10,800		13,600	20,700	33,800
Chromium	50		55.8		534.0	80.5	607
Cobalt	NC		2.4 B		1.60 B	1.30 B	11.3 B
Copper	200		13.0 B		33.6	6.8 B	16 B
Iron	300		1,070		1,710	934	3780
Lead	25		0.46 U		1.6 B	3.6 B	4.1 B
Magnesium	35,000		4,290		3,310	3,420	5,070
Manganese	300		143		181	209	7140
Mercury	2		0.065 U		0.065 U	0.065 U	0.065 U
Nickel	100		23.6 B		240.0	39.1 B	160
Potassium	NC		2170		2,710	2,490	2,390
Selenium	10		0.98 U		0.98 U	0.98 U	1.7 B
Silver	50		0.91 U		0.91 U	0.91 U	0.91 U
Sodium	20,000		129,000		13,400	13,400	59,600
Thallium	1		1.2 U		1.2 U	1.4 B	32.3
Vanadium	NC		1.4 B		1.4 B	0.89 B	2.60 B
Zinc	2,000		53.7		17.7 B	29.2 B	45.6 B

APPENDIX B TABLE 2
SERVALL LAUNDRY SITE (SITE 1-52-077)
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-6B		MW-9		MW-11		MW-12		MW-13		MW-14	
Sample ID	Class GA	SMW-6B				SMW-11		SMW-12		SMW-13		SMW-14	
Laboratory ID	Groundwater	E0832-07		Destroyed		E0773-19		E0832-01		E0832-02		E0832-03	
Sample Date	Criteria	6/15/06		6/09/06		6/8/06		6/15/06		6/15/06		6/15/06	
Matrix	water	water		water		water		water		water		water	
Units	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		conc.	Q	conc.	Q	conc.	Q	conc.	Q	conc.	Q	conc.	Q
Aluminum	NC	2000				1440		369		38.5	B	139	B
Antimony	3	2.7	B			1.2	U	1.8	B	6.3	B	2.7	B
Arsenic	25	1.6	U			1.7	B	8.2	B	1.7	B	1.6	U
Barium	1,000	19.3	B			46.1	B	67.6	B	55.5	B	48.6	B
Beryllium	3	0.15	U			0.15	U	0.15	U	0.15	U	0.15	U
Cadmium	10	0.75	B			4.4	B	2.8	B	3.8	B	1.3	B
Calcium	NC	19,600				11,100		17,000		18,200		7,550	
Chromium	50	62.20				50.1		1130		12.2	B	49.9	
Cobalt	NC	2.2	B			2.70	B	24.30	B	1.3	B	1.3	B
Copper	200	17.5	B			18.5	B	67.9		8.3	B	6.3	U
Iron	300	1950				1,510		2,810		153	B	449	
Lead	25	2.8	B			0.46	U	4.9	B	2.1	B	1.7	B
Magnesium	35,000	3,430				3,560		3,050		8,570		3,540	
Manganese	300	81.6				30.7	B	746		108		25.6	B
Mercury	2	0.065	U			0.065	U	0.065	U	0.065	U	0.065	U
Nickel	100	46.1	B			22.4	B	1290		12	B	24.3	B
Potassium	NC	2,210				1,940		2,980		1,310		1550.0	
Selenium	10	0.98	U			0.98	U	3.1	B	0.98	U	1.4	B
Silver	50	0.91	U			0.91	U	0.91	U	0.91	U	0.91	U
Sodium	20,000	17800				23,700		62,500		35,700		60500	
Thallium	1	1.2	U			1.2	U	5.0	B	1.7	B	1.3	B
Vanadium	NC	1.10	B			2.7	B	2.1	B	0.6	B	0.47	U
Zinc	2,000	53.6				80.9		35.2	B	28.9	B	22.2	B

APPENDIX B TABLE 2
SERVALL LAUNDRY SITE (SITE 1-52-077)
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-16		MW-23S		MW-23D	
Sample ID	Class GA	SMW-16		SMW-23S		SMW-23D	
Laboratory ID	Groundwater	E0832-04		E0773-20		E0773-21	
Sample Date	Criteria	6/15/06		6/8/06		6/8/06	
Matrix	water	water		water		water	
Units	µg/L	µg/L		µg/L		µg/L	
		conc.	Q	conc.	Q	conc.	Q
Aluminum	NC	534		253.0		7130	
Antimony	3	1.2	U	1.2	U	1.4	B
Arsenic	25	7.0	B	1.6	U	2.5	B
Barium	1,000	13.6	B	25.60	B	77.80	B
Beryllium	3	0.15	U	0.15	U	0.60	B
Cadmium	10	0.71	B	0.10	U	0.10	U
Calcium	NC	9,750		17800		14800	
Chromium	50	1660.0		0.66	B	12.20	B
Cobalt	NC	4.00	B	2.00	B	5.00	B
Copper	200	8.6	B	8.5	B	27.2	B
Iron	300	7,270		133.0	B	3800	
Lead	25	2.8	B	0.46	U	0.46	U
Magnesium	35,000	4,790		6830.0		2440.0	
Manganese	300	51.8		1570		109.0	
Mercury	2	0.065	U	0.065	U	0.065	U
Nickel	100	125.0		15.0	B	7.6	B
Potassium	NC	1,040		1340.0		3270	
Selenium	10	2.2	B	0.98	U	0.98	U
Silver	50	0.91	U	0.91	U	0.91	U
Sodium	20,000	24,500		28700		16200	
Thallium	1	1.2	U	7.8	B	1.3	B
Vanadium	NC	6.40	B	0.47	U	14.50	B
Zinc	2,000	25.9	B	15.2	B	53.8	

MITKEM CORPORATION

* Data Summary Pack *

Mitkem Corporation

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

Project Name : Multi Site – Dzus and Servall

SDG : E0773

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
MW-23A	E0773-01				SW6010B_W	
MW-23A	E0773-01				SW7470A	
MW-23B	E0773-02				SW6010B_W	
MW-23B	E0773-02				SW7470A	
MW-15A	E0773-03				SW6010B_W	
MW-15A	E0773-03				SW7470A	
MW-15B	E0773-04				SW6010B_W	
MW-15B	E0773-04				SW7470A	
MW-1	E0773-05				SW6010B_W	
MW-1	E0773-05				SW7470A	
MW-18	E0773-06				SW6010B_W	
MW-18	E0773-06				SW7470A	
MW-3	E0773-07				SW6010B_W	
MW-3	E0773-07				SW7470A	
MW-9B	E0773-08				SW6010B_W	
MW-9B	E0773-08				SW7470A	
MW-9	E0773-09				SW6010B_W	
MW-9	E0773-09				SW7470A	
MW-2	E0773-10				SW6010B_W	
MW-2	E0773-10				SW7470A	
MW-22A	E0773-11				SW6010B_W	
MW-22A	E0773-11				SW7470A	
MW-22B	E0773-12				SW6010B_W	
MW-22B	E0773-12				SW7470A	
MW-13A	E0773-13				SW6010B_W	
MW-13A	E0773-13				SW7470A	
MW-13B	E0773-14				SW6010B_W	
MW-13B	E0773-14				SW7470A	
DUP	E0773-15				SW6010B_W	
DUP	E0773-15				SW7470A	
SMW-3A	E0773-18	SW8260B_W			SW6010B_W	
SMW-3A	E0773-18				SW7470A	
SMW-11	E0773-19	SW8260B_W			SW6010B_W	
SMW-11	E0773-19				SW7470A	
SMW-23S	E0773-20	SW8260B_W			SW6010B_W	
SMW-23S	E0773-20				SW7470A	
SMW23D	E0773-21	SW8260B_W			SW6010B_W	
SMW23D	E0773-21				SW7470A	

Mitkem Corporation

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

Project Name : Multi Site – Dzus and Servall

SDG : E0773

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260B_W					
E0773-18B	AQ	06/06/2006	06/09/2006	NA	06/14/2006
E0773-19B	AQ	06/08/2006	06/09/2006	NA	06/14/2006
E0773-20B	AQ	06/08/2006	06/09/2006	NA	06/14/2006
E0773-20BDL	AQ	06/08/2006	06/09/2006	NA	06/18/2006
E0773-21B	AQ	06/08/2006	06/09/2006	NA	06/15/2006

Mitkem Corporation

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

Project Name : Multi Site – Dzus and Servall

SDG : E0773

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260B_W					
E0773-18B	AQ	SW8260B_W	NA	LOW	1
E0773-19B	AQ	SW8260B_W	NA	LOW	1
E0773-20B	AQ	SW8260B_W	NA	LOW	1
E0773-20BDL	AQ	SW8260B_W	NA	LOW	40
E0773-21B	AQ	SW8260B_W	NA	LOW	1

Mitkem Corporation

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

Project Name : Multi Site – Dzus and Servall

SDG : E0773

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SW6010B_W				
E0773-01A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-02A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-03A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-04A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-05A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-06A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-07A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-08A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-09A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-10A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-11A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-12A	AQ	SW6010B_W	06/09/2006	06/21/2006
E0773-12ADUP	AQ	SW6010B_W	06/09/2006	06/21/2006
E0773-12AMS	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-13A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-14A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-15A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-18A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-19A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-20A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-20ADUP	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-20AMS	AQ	SW6010B_W	06/09/2006	06/19/2006
E0773-21A	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-21ADUP	AQ	SW6010B_W	06/09/2006	06/20/2006
E0773-21AMS	AQ	SW6010B_W	06/09/2006	06/19/2006
SW7470A				
E0773-01A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-02A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-03A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-04A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-05A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-06A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-07A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-08A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-09A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-10A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-11A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-12A	AQ	SW7470A	06/09/2006	06/20/2006
E0773-12ADUP	AQ	SW7470A	06/09/2006	06/20/2006
E0773-12AMS	AQ	SW7470A	06/09/2006	06/20/2006
E0773-13A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-14A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-15A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-18A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-19A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-20A	AQ	SW7470A	06/09/2006	06/19/2006
E0773-21A	AQ	SW7470A	06/09/2006	06/19/2006

Report of Laboratory Analyses for Earth Tech Northeast, Inc.

Client Project: Multi-site G, Dzus and Servall

Mitkem Work Order ID: E0773

July 12, 2006

Prepared For:

Earth Tech Northeast, Inc.
300 Broadacres Drive
Bloomfield, NJ 07003
Attn: Mr. Allen Burton

Prepared By:

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

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to Earth Tech Northeast Inc.'s Multi-site G, Dzus and Servall, project. Under this deliverable, analysis results are presented for twenty-one aqueous samples that were received on June 9, 2006. Analyses were performed per specifications in the project's contract and the chain of custody forms, following discussions with the client. Following the narrative is the Mitkem Work Order for cross-referencing client sample ID with laboratory sample ID.

The analyses were performed according to NYSDEC ASP protocols (October 1995 update) and reported per NYSDEC ASP requirement for Category B 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.

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.

2. Volatile Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample/lab control sample duplicate: spike recoveries were within the QC limits with the exception of high recovery of vinyl chloride and chloroethane in the V6KLCS and high

recovery of chloroethane and low recovery of trichlorofluoromethane and chloroform in V6LLCS. Replicate RPDs were within the QC limits.

Sample analysis: due to the high concentration of target analytes, sample SMW-23S was re-analyzed at 40x dilution. No other unusual observation was made for the analysis.

3. Metals Analysis:

Lab control sample: spike recoveries were within the QC limits.

Matrix spike: matrix spike was performed on samples MW-22B, SMW-23S and SMW23D. Spike recoveries were within the QC limits.

Duplicate: duplicate analysis was performed on samples MW-22B, SMW-23S and SMW23D. Replicate RPDs were within the QC limits.

Sample analysis: serial dilution was performed on samples MW-22B, SMW-23S and SMW23D. Percent differences were within the QC limits with the exception of aluminum, iron and magnesium for sample SMW23D. Aluminum, iron and magnesium are qualified with an "E" on the data report forms. No other unusual observation was made for the analysis.

The pages in this report have been numbered consecutively, starting from this narrative 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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hardcopy data package.

Agnes Ng
CLP Project Manager
07/12/06

Mitkem Corporation

19/Jun/06 14:56

WorkOrder: E0773

Client ID: EARTH_NJ
Project: Multi Site
Location: DZUS AND SERVALL
Comments: N/A

Case:
SDG:
PO: 152033/152077

Report Level: ASP-B
EDD: CLF
HC Due: 06/30/06
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E0773-01A	MW-23A	06/07/2006 09:30	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-02A	MW-23B	06/07/2006 09:40	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-03A	MW-15A	06/07/2006 11:42	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-04A	MW-15B	06/07/2006 11:15	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-05A	MW-1	06/08/2006 12:00	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-06A	MW-18	06/08/2006 11:15	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-07A	MW-3	06/08/2006 09:20	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2

Client Rep: Agnes R Ng

Client ID: EARTH_NJ
Project: Multi Site
Location: DZUS AND SERVALL
Comments: N/A

Case:
SDG:
PO: 152033/152077

Report Level: ASP-B
EDD: CLF
HC Due: 06/30/06
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E0773-07A	MW-3	06/08/2006 09:20	06/09/2006	Aqueous	SW7470A	TAL	☐	☐	☐	M2
E0773-08A	MW-9B	06/08/2006 09:10	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-09A	MW-9	06/08/2006 08:50	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-10A	MW-2	06/07/2006 14:35	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-11A	MW-22A	06/07/2006 09:50	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-12A	MW-22B	06/07/2006 10:00	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☑	☑	M2
					SW7470A	TAL	☐	☑	☐	M2
E0773-13A	MW-13A	06/08/2006 07:50	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2

Client Rep: Agnes R Ng

Client ID: EARTH_NJ
Project: Multi Site
Location: DZUS AND SERVALL
Comments: N/A

Case:
SDG:
PO: 152033/152077

Report Level: ASP-B
EDD: CLF
HC Due: 06/30/06
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E0773-14A	MW-13B	06/08/2006 08:04	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-15A	DUP	06/08/2006 09:50	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-16A	MS	06/07/2006 10:00	06/09/2006	Aqueous	SW6010B_W	TAL	☑	☐	☑	M2
					SW7470A	TAL	☑	☐	☐	M2
E0773-17A	MSD	06/07/2006 10:00	06/09/2006	Aqueous	SW6010B_W	TAL	☑	☐	☑	M2
					SW7470A	TAL	☑	☐	☐	M2
E0773-18A	SMW-3A	06/06/2006 14:00	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-18B	SMW-3A	06/06/2006 14:00	06/09/2006	Aqueous	SW8260B_W		☐	☐	☐	VOA
E0773-19A	SMW-11	06/08/2006 13:00	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2

Client Rep: Agnes R Ng

Mitkem Corporation

19/Jun/06 14:56

WorkOrder: E0773

Client ID: EARTH_NJ
Project: Multi Site
Location: DZUS AND SERVALL
Comments: N/A

Case:
SDG:
PO: 152033/152077

Report Level: ASP-B
EDD: CLF
HC Due: 06/30/06
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E0773-19A	SMW-11	06/08/2006 13:00	06/09/2006	Aqueous	SW7470A	TAL	☐	☐	☐	M2
E0773-19B	SMW-11	06/08/2006 13:00	06/09/2006	Aqueous	SW8260B_W		☐	☐	☐	VOA
E0773-20A	SMW-23S	06/08/2006 15:45	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-20B	SMW-23S	06/08/2006 15:45	06/09/2006	Aqueous	SW8260B_W		☐	☐	☐	VOA
E0773-21A	SMW23D	06/08/2006 16:00	06/09/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
E0773-21B	SMW23D	06/08/2006 16:00	06/09/2006	Aqueous	SW8260B_W		☐	☐	☐	VOA

Client Rep: Agnes R Ng

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-11

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-19B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3487

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	3	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	4	J
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-11

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-19B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3487

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	56	
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMW-11

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-19B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3487

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

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

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

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	12.41	6	J
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-23S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-20B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3488

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	410	E
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	250	E
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-23S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-20B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3488

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	3200	E
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMW-23S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-20B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3488

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

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

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-23SDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-20BDL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3537

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/18/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 40.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl Chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	200	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
67-64-1	Acetone	200	U
74-88-4	Iodomethane	200	U
75-15-0	Carbon Disulfide	200	U
75-09-2	Methylene Chloride	200	U
156-60-5	trans-1,2-Dichloroethene	200	U
1634-04-4	Methyl tert-butyl ether	200	U
75-34-3	1,1-Dichloroethane	200	U
108-05-4	Vinyl acetate	200	U
78-93-3	2-Butanone	200	U
156-59-2	cis-1,2-Dichloroethene	360	D
590-20-7	2,2-Dichloropropane	200	U
74-97-5	Bromochloromethane	200	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
563-58-6	1,1-Dichloropropene	200	U
56-23-5	Carbon Tetrachloride	200	U
107-06-2	1,2-Dichloroethane	200	U
71-43-2	Benzene	200	U
79-01-6	Trichloroethene	220	D
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	200	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-23SDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-20BDL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3537

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/18/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 40.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	200	U
127-18-4	Tetrachloroethene	5200	D
591-78-6	2-Hexanone	200	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
----------	m,p-Xylene	200	U
95-47-6	o-Xylene	200	U
1330-20-7	Xylene (Total)	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	200	U
98-82-8	Isopropylbenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
108-86-1	Bromobenzene	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
108-67-8	1,3,5-Trimethylbenzene	200	U
106-43-4	4-Chlorotoluene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	200	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	200	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMW-23SDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-20BDL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3537

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/18/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 40.0

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

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	11.12	250	JD
2.	138-86-3	LIMONENE	12.13	1000	NJD
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-3A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-18B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3486

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-3A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-18B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3486

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMW-3A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-18B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3486

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

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

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW23D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-21B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3511

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/15/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW23D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-21B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3511

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/15/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	4	J
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMW23D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-21B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3511

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. _____ Date Analyzed: 06/15/06

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

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

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	9.81	6	J
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6KLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: LCS-23563

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3473

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/14/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	43	
74-87-3	Chloromethane	46	
75-01-4	Vinyl Chloride	57	
74-83-9	Bromomethane	57	
75-00-3	Chloroethane	63	
75-69-4	Trichlorofluoromethane	64	
75-35-4	1,1-Dichloroethene	46	
67-64-1	Acetone	46	
74-88-4	Iodomethane	50	
75-15-0	Carbon Disulfide	46	
75-09-2	Methylene Chloride	45	
156-60-5	trans-1,2-Dichloroethene	46	
1634-04-4	Methyl tert-butyl ether	55	
75-34-3	1,1-Dichloroethane	45	
108-05-4	Vinyl acetate	50	
78-93-3	2-Butanone	52	
156-59-2	cis-1,2-Dichloroethene	48	
590-20-7	2,2-Dichloropropane	45	
74-97-5	Bromochloromethane	51	
67-66-3	Chloroform	46	
71-55-6	1,1,1-Trichloroethane	47	
563-58-6	1,1-Dichloropropene	46	
56-23-5	Carbon Tetrachloride	48	
107-06-2	1,2-Dichloroethane	52	
71-43-2	Benzene	48	
79-01-6	Trichloroethene	47	
78-87-5	1,2-Dichloropropane	47	
74-95-3	Dibromomethane	52	
75-27-4	Bromodichloromethane	50	
10061-01-5	cis-1,3-Dichloropropene	49	
108-10-1	4-Methyl-2-pentanone	50	
108-88-3	Toluene	47	
10061-02-6	trans-1,3-Dichloropropene	49	
79-00-5	1,1,2-Trichloroethane	53	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6KLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: LCS-23563

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3473

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/14/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	50	
127-18-4	Tetrachloroethene	48	
591-78-6	2-Hexanone	49	
124-48-1	Dibromochloromethane	51	
106-93-4	1,2-Dibromoethane	50	
108-90-7	Chlorobenzene	48	
630-20-6	1,1,1,2-Tetrachloroethane	49	
100-41-4	Ethylbenzene	47	
----------	m,p-Xylene	94	
95-47-6	o-Xylene	46	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	48	
75-25-2	Bromoform	52	
98-82-8	Isopropylbenzene	47	
79-34-5	1,1,2,2-Tetrachloroethane	52	
108-86-1	Bromobenzene	48	
96-18-4	1,2,3-Trichloropropane	56	
103-65-1	n-Propylbenzene	46	
95-49-8	2-Chlorotoluene	47	
108-67-8	1,3,5-Trimethylbenzene	47	
106-43-4	4-Chlorotoluene	46	
98-06-6	tert-Butylbenzene	47	
95-63-6	1,2,4-Trimethylbenzene	48	
135-98-8	sec-Butylbenzene	46	
99-87-6	4-Isopropyltoluene	46	
541-73-1	1,3-Dichlorobenzene	47	
106-46-7	1,4-Dichlorobenzene	49	
104-51-8	n-Butylbenzene	45	
95-50-1	1,2-Dichlorobenzene	49	
96-12-8	1,2-Dibromo-3-chloropropane	46	
120-82-1	1,2,4-Trichlorobenzene	42	
87-68-3	Hexachlorobutadiene	43	
91-20-3	Naphthalene	42	
87-61-6	1,2,3-Trichlorobenzene	38	

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

V6LLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: LCS-23536

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3503

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/15/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	48	
74-87-3	Chloromethane	48	
75-01-4	Vinyl Chloride	56	
74-83-9	Bromomethane	59	
75-00-3	Chloroethane	64	
75-69-4	Trichlorofluoromethane	28	
75-35-4	1,1-Dichloroethene	46	
67-64-1	Acetone	43	
74-88-4	Iodomethane	52	
75-15-0	Carbon Disulfide	46	
75-09-2	Methylene Chloride	47	
156-60-5	trans-1,2-Dichloroethene	46	
1634-04-4	Methyl tert-butyl ether	54	
75-34-3	1,1-Dichloroethane	47	
108-05-4	Vinyl acetate	49	
78-93-3	2-Butanone	49	
156-59-2	cis-1,2-Dichloroethene	49	
590-20-7	2,2-Dichloropropane	46	
74-97-5	Bromochloromethane	52	
67-66-3	Chloroform	42	
71-55-6	1,1,1-Trichloroethane	46	
563-58-6	1,1-Dichloropropene	50	
56-23-5	Carbon Tetrachloride	49	
107-06-2	1,2-Dichloroethane	51	
71-43-2	Benzene	48	
79-01-6	Trichloroethene	48	
78-87-5	1,2-Dichloropropane	48	
74-95-3	Dibromomethane	52	
75-27-4	Bromodichloromethane	50	
10061-01-5	cis-1,3-Dichloropropene	48	
108-10-1	4-Methyl-2-pentanone	47	
108-88-3	Toluene	47	
10061-02-6	trans-1,3-Dichloropropene	47	
79-00-5	1,1,2-Trichloroethane	51	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6LLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: LCS-23536

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3503

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/15/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	49	
127-18-4	Tetrachloroethene	50	
591-78-6	2-Hexanone	44	
124-48-1	Dibromochloromethane	50	
106-93-4	1,2-Dibromoethane	51	
108-90-7	Chlorobenzene	49	
630-20-6	1,1,1,2-Tetrachloroethane	50	
100-41-4	Ethylbenzene	51	
----------	m,p-Xylene	98	
95-47-6	o-Xylene	48	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	49	
75-25-2	Bromoform	52	
98-82-8	Isopropylbenzene	48	
79-34-5	1,1,2,2-Tetrachloroethane	50	
108-86-1	Bromobenzene	50	
96-18-4	1,2,3-Trichloropropane	54	
103-65-1	n-Propylbenzene	46	
95-49-8	2-Chlorotoluene	48	
108-67-8	1,3,5-Trimethylbenzene	48	
106-43-4	4-Chlorotoluene	46	
98-06-6	tert-Butylbenzene	48	
95-63-6	1,2,4-Trimethylbenzene	48	
135-98-8	sec-Butylbenzene	48	
99-87-6	4-Isopropyltoluene	46	
541-73-1	1,3-Dichlorobenzene	48	
106-46-7	1,4-Dichlorobenzene	49	
104-51-8	n-Butylbenzene	44	
95-50-1	1,2-Dichlorobenzene	49	
96-12-8	1,2-Dibromo-3-chloropropane	45	
120-82-1	1,2,4-Trichlorobenzene	41	
87-68-3	Hexachlorobutadiene	41	
91-20-3	Naphthalene	38	
87-61-6	1,2,3-Trichlorobenzene	36	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6MLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: LCS-24249

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3533

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/18/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	40	
74-87-3	Chloromethane	38	
75-01-4	Vinyl Chloride	45	
74-83-9	Bromomethane	46	
75-00-3	Chloroethane	52	
75-69-4	Trichlorofluoromethane	60	
75-35-4	1,1-Dichloroethene	42	
67-64-1	Acetone	48	
74-88-4	Iodomethane	46	
75-15-0	Carbon Disulfide	38	
75-09-2	Methylene Chloride	46	
156-60-5	trans-1,2-Dichloroethene	45	
1634-04-4	Methyl tert-butyl ether	48	
75-34-3	1,1-Dichloroethane	47	
108-05-4	Vinyl acetate	46	
78-93-3	2-Butanone	48	
156-59-2	cis-1,2-Dichloroethene	47	
590-20-7	2,2-Dichloropropane	46	
74-97-5	Bromochloromethane	49	
67-66-3	Chloroform	46	
71-55-6	1,1,1-Trichloroethane	47	
563-58-6	1,1-Dichloropropene	50	
56-23-5	Carbon Tetrachloride	47	
107-06-2	1,2-Dichloroethane	49	
71-43-2	Benzene	46	
79-01-6	Trichloroethene	48	
78-87-5	1,2-Dichloropropane	47	
74-95-3	Dibromomethane	48	
75-27-4	Bromodichloromethane	48	
10061-01-5	cis-1,3-Dichloropropene	48	
108-10-1	4-Methyl-2-pentanone	49	
108-88-3	Toluene	47	
10061-02-6	trans-1,3-Dichloropropene	48	
79-00-5	1,1,2-Trichloroethane	53	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6MLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: LCS-24249

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3533

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/18/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	48	
127-18-4	Tetrachloroethene	47	
591-78-6	2-Hexanone	46	
124-48-1	Dibromochloromethane	50	
106-93-4	1,2-Dibromoethane	48	
108-90-7	Chlorobenzene	47	
630-20-6	1,1,1,2-Tetrachloroethane	48	
100-41-4	Ethylbenzene	47	
----------	m,p-Xylene	96	
95-47-6	o-Xylene	48	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	48	
75-25-2	Bromoform	50	
98-82-8	Isopropylbenzene	48	
79-34-5	1,1,2,2-Tetrachloroethane	50	
108-86-1	Bromobenzene	49	
96-18-4	1,2,3-Trichloropropane	52	
103-65-1	n-Propylbenzene	46	
95-49-8	2-Chlorotoluene	48	
108-67-8	1,3,5-Trimethylbenzene	48	
106-43-4	4-Chlorotoluene	47	
98-06-6	tert-Butylbenzene	48	
95-63-6	1,2,4-Trimethylbenzene	48	
135-98-8	sec-Butylbenzene	46	
99-87-6	4-Isopropyltoluene	46	
541-73-1	1,3-Dichlorobenzene	48	
106-46-7	1,4-Dichlorobenzene	50	
104-51-8	n-Butylbenzene	46	
95-50-1	1,2-Dichlorobenzene	50	
96-12-8	1,2-Dibromo-3-chloropropane	47	
120-82-1	1,2,4-Trichlorobenzene	42	
87-68-3	Hexachlorobutadiene	43	
91-20-3	Naphthalene	40	
87-61-6	1,2,3-Trichlorobenzene	38	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6MLCSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: LCSD-24249

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3534

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/18/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	36	
74-87-3	Chloromethane	38	
75-01-4	Vinyl Chloride	46	
74-83-9	Bromomethane	46	
75-00-3	Chloroethane	49	
75-69-4	Trichlorofluoromethane	60	
75-35-4	1,1-Dichloroethene	41	
67-64-1	Acetone	48	
74-88-4	Iodomethane	46	
75-15-0	Carbon Disulfide	37	
75-09-2	Methylene Chloride	47	
156-60-5	trans-1,2-Dichloroethene	45	
1634-04-4	Methyl tert-butyl ether	50	
75-34-3	1,1-Dichloroethane	45	
108-05-4	Vinyl acetate	47	
78-93-3	2-Butanone	50	
156-59-2	cis-1,2-Dichloroethene	48	
590-20-7	2,2-Dichloropropane	46	
74-97-5	Bromochloromethane	49	
67-66-3	Chloroform	46	
71-55-6	1,1,1-Trichloroethane	47	
563-58-6	1,1-Dichloropropene	48	
56-23-5	Carbon Tetrachloride	48	
107-06-2	1,2-Dichloroethane	50	
71-43-2	Benzene	47	
79-01-6	Trichloroethene	48	
78-87-5	1,2-Dichloropropane	49	
74-95-3	Dibromomethane	50	
75-27-4	Bromodichloromethane	50	
10061-01-5	cis-1,3-Dichloropropene	49	
108-10-1	4-Methyl-2-pentanone	50	
108-88-3	Toluene	47	
10061-02-6	trans-1,3-Dichloropropene	48	
79-00-5	1,1,2-Trichloroethane	52	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6MLCSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: LCSD-24249

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3534

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/18/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	49	
127-18-4	Tetrachloroethene	48	
591-78-6	2-Hexanone	48	
124-48-1	Dibromochloromethane	50	
106-93-4	1,2-Dibromoethane	48	
108-90-7	Chlorobenzene	48	
630-20-6	1,1,1,2-Tetrachloroethane	49	
100-41-4	Ethylbenzene	48	
----------	m,p-Xylene	95	
95-47-6	o-Xylene	49	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	49	
75-25-2	Bromoform	51	
98-82-8	Isopropylbenzene	48	
79-34-5	1,1,2,2-Tetrachloroethane	54	
108-86-1	Bromobenzene	51	
96-18-4	1,2,3-Trichloropropane	55	
103-65-1	n-Propylbenzene	47	
95-49-8	2-Chlorotoluene	48	
108-67-8	1,3,5-Trimethylbenzene	49	
106-43-4	4-Chlorotoluene	48	
98-06-6	tert-Butylbenzene	49	
95-63-6	1,2,4-Trimethylbenzene	49	
135-98-8	sec-Butylbenzene	48	
99-87-6	4-Isopropyltoluene	48	
541-73-1	1,3-Dichlorobenzene	51	
106-46-7	1,4-Dichlorobenzene	51	
104-51-8	n-Butylbenzene	48	
95-50-1	1,2-Dichlorobenzene	51	
96-12-8	1,2-Dibromo-3-chloropropane	48	
120-82-1	1,2,4-Trichlorobenzene	46	
87-68-3	Hexachlorobutadiene	45	
91-20-3	Naphthalene	43	
87-61-6	1,2,3-Trichlorobenzene	42	

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-11

Lab Name: Mitkem Corporation Contract: 152033/15

Lab Code: MITKEM Case No. SAS No.: SDG No.: ME0773

Matrix (soil/water): WATER Lab Sample ID: E0773-19

Level (low/med): MED Date Received: 06/09/06

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1440			P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	1.7	B		P
7440-39-3	Barium	46.1	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	4.4	B		P
7440-70-2	Calcium	11100			P
7440-47-3	Chromium	50.1			P
7440-48-4	Cobalt	2.7	B		P
7440-50-8	Copper	18.5	B		P
7439-89-6	Iron	1510			P
7439-92-1	Lead	0.46	U		P
7439-95-4	Magnesium	3560			P
7439-96-5	Manganese	30.7	B		P
7440-02-0	Nickel	22.4	B		P
7440-09-7	Potassium	1940			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	23700			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	2.7	B		P
7440-66-6	Zinc	80.9			P
7439-97-6	Mercury	0.065	U		CV

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-23S

Lab Name: Mitkem Corporation Contract: 152033/15

Lab Code: MITKEM Case No. SAS No.: SDG No.: ME0773

Matrix (soil/water): WATER Lab Sample ID: E0773-20

Level (low/med): MED Date Received: 06/09/06

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	253			P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	25.6	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.10	U		P
7440-70-2	Calcium	17800			P
7440-47-3	Chromium	0.66	B		P
7440-48-4	Cobalt	2.0	B		P
7440-50-8	Copper	8.5	B		P
7439-89-6	Iron	133	B		P
7439-92-1	Lead	0.46	U		P
7439-95-4	Magnesium	6830			P
7439-96-5	Manganese	1570			P
7440-02-0	Nickel	15.0	B		P
7440-09-7	Potassium	1340			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	28700			P
7440-28-0	Thallium	7.8	B		P
7440-62-2	Vanadium	0.47	U		P
7440-66-6	Zinc	15.2	B		P
7439-97-6	Mercury	0.065	U		CV

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-3A

Lab Name: Mitkem Corporation Contract: 152033/15

Lab Code: MITKEM Case No. SAS No.: SDG No.: ME0773

Matrix (soil/water): WATER Lab Sample ID: E0773-18

Level (low/med): MED Date Received: 06/09/06

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	749			P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	67.3	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.10	U		P
7440-70-2	Calcium	10800			P
7440-47-3	Chromium	55.8			P
7440-48-4	Cobalt	2.4	B		P
7440-50-8	Copper	13.0	B		P
7439-89-6	Iron	1070			P
7439-92-1	Lead	0.46	U		P
7439-95-4	Magnesium	4290			P
7439-96-5	Manganese	143			P
7440-02-0	Nickel	23.6	B		P
7440-09-7	Potassium	2170			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	129000			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	1.4	B		P
7440-66-6	Zinc	53.7			P
7439-97-6	Mercury	0.065	U		CV

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW23D

Lab Name: Mitkem Corporation Contract: 152033/15

Lab Code: MITKEM Case No. SAS No.: SDG No.: ME0773

Matrix (soil/water): WATER Lab Sample ID: E0773-21

Level (low/med): MED Date Received: 06/09/06

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7130		E	P
7440-36-0	Antimony	1.4	B		P
7440-38-2	Arsenic	2.5	B		P
7440-39-3	Barium	77.8	B		P
7440-41-7	Beryllium	0.60	B		P
7440-43-9	Cadmium	0.10	U		P
7440-70-2	Calcium	14800			P
7440-47-3	Chromium	12.2	B		P
7440-48-4	Cobalt	5.0	B		P
7440-50-8	Copper	27.2	B		P
7439-89-6	Iron	3800		E	P
7439-92-1	Lead	0.46	U		P
7439-95-4	Magnesium	2440		E	P
7439-96-5	Manganese	109			P
7440-02-0	Nickel	7.6	B		P
7440-09-7	Potassium	3270			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	16200			P
7440-28-0	Thallium	1.3	B		P
7440-62-2	Vanadium	14.5	B		P
7440-66-6	Zinc	53.8			P
7439-97-6	Mercury	0.065	U		CV

Comments:

MITKEM CORPORATION

"Environmental Testing For The New Millennium"

July 24, 2006

Earth Tech Northeast, Inc.
300 Broadacres Drive
Bloomfield, NJ 07003
Attn: Mr. Allen Burton

RE: Client Project: Multi-Site G, Servall
Lab Project #: E0832

Dear Mr. Burton:

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,

Agnes R. Ng
CLP Project Manager

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

Mitkem Corporation

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

Project Name : Multi Site – Servall

SDG : E0832

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
SMW-12	E0832-01	SW8260B_W			SW6010B_W	
SMW-12	E0832-01				SW7470A	
SMW-13	E0832-02	SW8260B_W			SW6010B_W	
SMW-13	E0832-02				SW7470A	
SMW-14	E0832-03	SW8260B_W			SW6010B_W	
SMW-14	E0832-03				SW7470A	
SMW-16	E0832-04	SW8260B_W			SW6010B_W	
SMW-16	E0832-04				SW7470A	
SMW-5	E0832-05	SW8260B_W			SW6010B_W	
SMW-5	E0832-05				SW7470A	
SMW-6A	E0832-06	SW8260B_W			SW6010B_W	
SMW-6A	E0832-06				SW7470A	
SMW-6B	E0832-07	SW8260B_W			SW6010B_W	
SMW-6B	E0832-07				SW7470A	
DUP	E0832-08	SW8260B_W			SW6010B_W	
DUP	E0832-08				SW7470A	
SMW-4	E0832-10	SW8260B_W			SW6010B_W	
SMW-4	E0832-10				SW7470A	

Mitkem Corporation

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

Project Name : Multi Site – Servall

SDG : E0832

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260B_W					
E0832-01B	AQ	6/15/2006	6/19/2006	NA	6/29/2006
E0832-01BMS	AQ	6/15/2006	6/19/2006	NA	6/29/2006
E0832-01BMSD	AQ	6/15/2006	6/19/2006	NA	6/29/2006
E0832-02B	AQ	6/15/2006	6/19/2006	NA	6/29/2006
E0832-03B	AQ	6/15/2006	6/19/2006	NA	6/29/2006
E0832-04B	AQ	6/15/2006	6/19/2006	NA	6/29/2006
E0832-05B	AQ	6/15/2006	6/19/2006	NA	6/29/2006
E0832-06B	AQ	6/15/2006	6/19/2006	NA	6/29/2006
E0832-07B	AQ	6/15/2006	6/19/2006	NA	6/29/2006
E0832-07BDL	AQ	6/15/2006	6/19/2006	NA	6/29/2006
E0832-08B	AQ	6/15/2006	6/19/2006	NA	6/29/2006
E0832-10B	AQ	6/16/2006	6/19/2006	NA	6/29/2006

Mitkem Corporation

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

Project Name : Multi Site – Servall

SDG : E0832

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260B_W					
E0832-01B	AQ	SW8260B_W	NA	LOW	1
E0832-01BMS	AQ	SW8260B_W	NA	LOW	1
E0832-01BMSD	AQ	SW8260B_W	NA	LOW	1
E0832-02B	AQ	SW8260B_W	NA	LOW	1
E0832-03B	AQ	SW8260B_W	NA	LOW	1
E0832-04B	AQ	SW8260B_W	NA	LOW	1
E0832-05B	AQ	SW8260B_W	NA	LOW	1
E0832-06B	AQ	SW8260B_W	NA	LOW	1
E0832-07B	AQ	SW8260B_W	NA	LOW	1
E0832-07BDL	AQ	SW8260B_W	NA	LOW	10
E0832-08B	AQ	SW8260B_W	NA	LOW	1
E0832-10B	AQ	SW8260B_W	NA	LOW	1

Mitkem Corporation

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

Project Name : Multi Site – Servall

SDG : E0832

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SW6010B_W				
E0832-01A	AQ	SW6010B_W	6/19/2006	6/30/2006
E0832-01ADUP	AQ	SW6010B_W	6/19/2006	6/30/2006
E0832-01AMS	AQ	SW6010B_W	6/19/2006	6/28/2006
E0832-02A	AQ	SW6010B_W	6/19/2006	6/30/2006
E0832-03A	AQ	SW6010B_W	6/19/2006	6/30/2006
E0832-04A	AQ	SW6010B_W	6/19/2006	6/30/2006
E0832-05A	AQ	SW6010B_W	6/19/2006	6/30/2006
E0832-06A	AQ	SW6010B_W	6/19/2006	6/30/2006
E0832-07A	AQ	SW6010B_W	6/19/2006	6/30/2006
E0832-08A	AQ	SW6010B_W	6/19/2006	6/30/2006
E0832-10A	AQ	SW6010B_W	6/19/2006	6/30/2006
SW7470A				
E0832-01A	AQ	SW7470A	6/19/2006	6/30/2006
E0832-01ADUP	AQ	SW7470A	6/19/2006	6/30/2006
E0832-01AMS	AQ	SW7470A	6/19/2006	6/30/2006
E0832-02A	AQ	SW7470A	6/19/2006	6/30/2006
E0832-03A	AQ	SW7470A	6/19/2006	6/30/2006
E0832-04A	AQ	SW7470A	6/19/2006	6/30/2006
E0832-05A	AQ	SW7470A	6/19/2006	6/30/2006
E0832-06A	AQ	SW7470A	6/19/2006	6/30/2006
E0832-07A	AQ	SW7470A	6/19/2006	6/30/2006
E0832-08A	AQ	SW7470A	6/19/2006	6/30/2006
E0832-10A	AQ	SW7470A	6/19/2006	6/30/2006

Report of Laboratory Analyses for Earth Tech Northeast, Inc.

Client Project: Multi-site G, Servall

Mitkem Work Order ID: E0832

July 24, 2006

Prepared For:

Earth Tech Northeast, Inc.
300 Broadacres Drive
Bloomfield, NJ 07003
Attn: Mr. Allen Burton

Prepared By:

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

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to Earth Tech Northeast Inc.'s Multi-site G, Servall, project. Under this deliverable, analysis results are presented for ten aqueous samples that were received on June 19, 2006. Analyses were performed per specifications in the project's contract and the chain of custody forms, following discussions with the client. Following the narrative is the Mitkem Work Order for cross-referencing client sample ID with laboratory sample ID.

The analyses were performed according to NYSDEC ASP protocols (October 1995 update) and reported per NYSDEC ASP requirement for Category B 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.

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.

2. Volatile Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample/lab control sample duplicate: spike recoveries were within the QC limits with the exception of low recovery of trans-1,2-dichloroethene and methyl tert-butyl ether in V5ALCS and high recovery of chloroethane, methylene chloride, 1,2-dichloropropane and

bromodichloromethane in V5BLCS. Replicate RPDs were within the QC limits with the exception of methylene chloride in V5BLCS/V5BLCSD.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample SMW-12. Spike recoveries and replicate RPDs were within the QC limits.

Sample analysis: due to the high concentration of target analytes, sample SMW-6B was re-analyzed at 10x dilution. Please note that the trip blank was received in a 500mL plastic bottle. The trip blank was not analyzed. No other unusual observation was made for the analysis.

3. Metals Analysis:

Lab control sample: spike recoveries were within the QC limits.

Matrix spike: matrix spike was performed on sample SMW-12. Spike recoveries were within the QC limits.

Duplicate: duplicate analysis was performed on sample SMW-12. Replicate RPDs were within the QC limits with the exception of iron. Iron is flagged with an "*" on the data report forms.

Sample analysis: serial dilution was performed on sample SMW-12. Percent differences were within the QC limits. No other unusual observation was made for the analysis.

The pages in this report have been numbered consecutively, starting from this narrative 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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hardcopy data package.

Agnes Ng
CLP Project Manager
07/24/06

Mitkem Corporation

20/Jun/06 18:33

WorkOrder: E0832

Client ID: EARTH_NJ
Project: Multi Site
Location: SERVALL
Comments: N/A

Case:
SDG:
PO: 152077

Report Level: ASP-B
EDD: CLF
HC Due: 07/10/06
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E0832-01A	SMW-12	06/15/2006 09:15	06/19/2006	Aqueous	SW6010B_W	TAL	☐	☑	☑	M1
					SW7470A	TAL	☐	☑	☐	M1
E0832-01B	SMW-12	06/15/2006 09:15	06/19/2006	Aqueous	SW8260B_W		☐	☑	☐	VOA
E0832-02A	SMW-13	06/15/2006 09:50	06/19/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M1
					SW7470A	TAL	☐	☐	☐	M1
E0832-02B	SMW-13	06/15/2006 09:50	06/19/2006	Aqueous	SW8260B_W		☐	☐	☐	VOA
E0832-03A	SMW-14	06/15/2006 11:00	06/19/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M1
					SW7470A	TAL	☐	☐	☐	M1
E0832-03B	SMW-14	06/15/2006 11:00	06/19/2006	Aqueous	SW8260B_W		☐	☐	☐	VOA
E0832-04A	SMW-16	06/15/2006 11:50	06/19/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M1
					SW7470A	TAL	☐	☐	☐	M1
E0832-04B	SMW-16	06/15/2006 11:50	06/19/2006	Aqueous	SW8260B_W		☐	☐	☐	VOA

Client Rep: Agnes R Ng

Mitkem Corporation

20/Jun/06 18:33

WorkOrder: E0832

Client ID: EARTH_NJ
Project: Multi Site
Location: SERVALL
Comments: N/A

Case:
SDG:
PO: 152077

Report Level: ASP-B
EDD: CLF
HC Due: 07/10/06
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E0832-05A	SMW-5	06/15/2006 14:00	06/19/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M1
					SW7470A	TAL	☐	☐	☐	M1
E0832-05B	SMW-5	06/15/2006 14:00	06/19/2006	Aqueous	SW8260B_W		☐	☐	☐	VOA
E0832-06A	SMW-6A	06/15/2006 13:25	06/19/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M1
					SW7470A	TAL	☐	☐	☐	M1
E0832-06B	SMW-6A	06/15/2006 13:25	06/19/2006	Aqueous	SW8260B_W		☐	☐	☐	VOA
E0832-07A	SMW-6B	06/15/2006 13:45	06/19/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M1
					SW7470A	TAL	☐	☐	☐	M1
E0832-07B	SMW-6B	06/15/2006 13:45	06/19/2006	Aqueous	SW8260B_W		☐	☐	☐	VOA
E0832-08A	DUP	06/15/2006 09:15	06/19/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M1
					SW7470A	TAL	☐	☐	☐	M1

Client Rep: Agnes R Ng

Mitkem Corporation

20/Jun/06 18:33

WorkOrder: E0832

Client ID: EARTH_NJ
Project: Multi Site
Location: SERVALL
Comments: N/A

Case:
SDG:
PO: 152077

Report Level: ASP-B
EDD: CLF
HC Due: 07/10/06
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E0832-08B	DUP	06/15/2006 09:15	06/19/2006	Aqueous	SW8260B_W		☐	☐	☐	VOA
E0832-09A	TRIP BLANK	06/16/2006 00:00	06/19/2006	Aqueous	SW8260B_W		☑	☐	☐	VOA
E0832-10A	SMW-4	06/16/2006 11:20	06/19/2006	Aqueous	SW6010B_W	TAL	☐	☐	☑	M1
					SW7470A	TAL	☐	☐	☐	M1
E0832-10B	SMW-4	06/16/2006 11:20	06/19/2006	Aqueous	SW8260B_W		☐	☐	☐	VOA

Client Rep: Agnes R Ng

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-08B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8293

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-08B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8293

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	14	
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	2	J
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-08B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8293

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-12

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-01B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8290

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-12

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-01B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8290

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	17	
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	4	J
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	9	
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMW-12

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-01B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8290

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-12MS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-01BMS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8291

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	49	
74-87-3	Chloromethane	50	
75-01-4	Vinyl Chloride	50	
74-83-9	Bromomethane	55	
75-00-3	Chloroethane	55	
75-69-4	Trichlorofluoromethane	56	
75-35-4	1,1-Dichloroethene	53	
67-64-1	Acetone	40	
74-88-4	Iodomethane	53	
75-15-0	Carbon Disulfide	52	
75-09-2	Methylene Chloride	49	
156-60-5	trans-1,2-Dichloroethene	55	
1634-04-4	Methyl tert-butyl ether	56	
75-34-3	1,1-Dichloroethane	54	
108-05-4	Vinyl acetate	54	
78-93-3	2-Butanone	51	
156-59-2	cis-1,2-Dichloroethene	52	
590-20-7	2,2-Dichloropropane	53	
74-97-5	Bromochloromethane	54	
67-66-3	Chloroform	50	
71-55-6	1,1,1-Trichloroethane	53	
563-58-6	1,1-Dichloropropene	52	
56-23-5	Carbon Tetrachloride	53	
107-06-2	1,2-Dichloroethane	56	
71-43-2	Benzene	54	
79-01-6	Trichloroethene	52	
78-87-5	1,2-Dichloropropane	55	
74-95-3	Dibromomethane	55	
75-27-4	Bromodichloromethane	53	
10061-01-5	cis-1,3-Dichloropropene	52	
108-10-1	4-Methyl-2-pentanone	54	
108-88-3	Toluene	54	
10061-02-6	trans-1,3-Dichloropropene	53	
79-00-5	1,1,2-Trichloroethane	54	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-12MS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-01BMS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8291

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	52	
127-18-4	Tetrachloroethene	64	
591-78-6	2-Hexanone	50	
124-48-1	Dibromochloromethane	51	
106-93-4	1,2-Dibromoethane	50	
108-90-7	Chlorobenzene	53	
630-20-6	1,1,1,2-Tetrachloroethane	51	
100-41-4	Ethylbenzene	51	
----------	m,p-Xylene	100	
95-47-6	o-Xylene	52	
1330-20-7	Xylene (Total)	160	
100-42-5	Styrene	52	
75-25-2	Bromoform	50	
98-82-8	Isopropylbenzene	52	
79-34-5	1,1,2,2-Tetrachloroethane	54	
108-86-1	Bromobenzene	51	
96-18-4	1,2,3-Trichloropropane	52	
103-65-1	n-Propylbenzene	52	
95-49-8	2-Chlorotoluene	52	
108-67-8	1,3,5-Trimethylbenzene	53	
106-43-4	4-Chlorotoluene	54	
98-06-6	tert-Butylbenzene	50	
95-63-6	1,2,4-Trimethylbenzene	53	
135-98-8	sec-Butylbenzene	52	
99-87-6	4-Isopropyltoluene	54	
541-73-1	1,3-Dichlorobenzene	52	
106-46-7	1,4-Dichlorobenzene	52	
104-51-8	n-Butylbenzene	53	
95-50-1	1,2-Dichlorobenzene	58	
96-12-8	1,2-Dibromo-3-chloropropane	53	
120-82-1	1,2,4-Trichlorobenzene	47	
87-68-3	Hexachlorobutadiene	47	
91-20-3	Naphthalene	47	
87-61-6	1,2,3-Trichlorobenzene	47	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-12MSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-01BMSD

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8292

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	44	
74-87-3	Chloromethane	45	
75-01-4	Vinyl Chloride	49	
74-83-9	Bromomethane	50	
75-00-3	Chloroethane	54	
75-69-4	Trichlorofluoromethane	52	
75-35-4	1,1-Dichloroethene	49	
67-64-1	Acetone	36	
74-88-4	Iodomethane	49	
75-15-0	Carbon Disulfide	48	
75-09-2	Methylene Chloride	41	
156-60-5	trans-1,2-Dichloroethene	51	
1634-04-4	Methyl tert-butyl ether	53	
75-34-3	1,1-Dichloroethane	50	
108-05-4	Vinyl acetate	50	
78-93-3	2-Butanone	48	
156-59-2	cis-1,2-Dichloroethene	48	
590-20-7	2,2-Dichloropropane	48	
74-97-5	Bromochloromethane	49	
67-66-3	Chloroform	46	
71-55-6	1,1,1-Trichloroethane	50	
563-58-6	1,1-Dichloropropene	48	
56-23-5	Carbon Tetrachloride	48	
107-06-2	1,2-Dichloroethane	50	
71-43-2	Benzene	48	
79-01-6	Trichloroethene	49	
78-87-5	1,2-Dichloropropane	50	
74-95-3	Dibromomethane	50	
75-27-4	Bromodichloromethane	50	
10061-01-5	cis-1,3-Dichloropropene	48	
108-10-1	4-Methyl-2-pentanone	50	
108-88-3	Toluene	51	
10061-02-6	trans-1,3-Dichloropropene	48	
79-00-5	1,1,2-Trichloroethane	50	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-12MSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-01BMSD

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8292

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	49	
127-18-4	Tetrachloroethene	63	
591-78-6	2-Hexanone	47	
124-48-1	Dibromochloromethane	48	
106-93-4	1,2-Dibromoethane	48	
108-90-7	Chlorobenzene	49	
630-20-6	1,1,1,2-Tetrachloroethane	47	
100-41-4	Ethylbenzene	48	
----------	m,p-Xylene	100	
95-47-6	o-Xylene	49	
1330-20-7	Xylene (Total)	150	
100-42-5	Styrene	50	
75-25-2	Bromoform	46	
98-82-8	Isopropylbenzene	49	
79-34-5	1,1,2,2-Tetrachloroethane	50	
108-86-1	Bromobenzene	48	
96-18-4	1,2,3-Trichloropropane	49	
103-65-1	n-Propylbenzene	48	
95-49-8	2-Chlorotoluene	48	
108-67-8	1,3,5-Trimethylbenzene	49	
106-43-4	4-Chlorotoluene	49	
98-06-6	tert-Butylbenzene	48	
95-63-6	1,2,4-Trimethylbenzene	50	
135-98-8	sec-Butylbenzene	50	
99-87-6	4-Isopropyltoluene	50	
541-73-1	1,3-Dichlorobenzene	49	
106-46-7	1,4-Dichlorobenzene	48	
104-51-8	n-Butylbenzene	50	
95-50-1	1,2-Dichlorobenzene	53	
96-12-8	1,2-Dibromo-3-chloropropane	52	
120-82-1	1,2,4-Trichlorobenzene	46	
87-68-3	Hexachlorobutadiene	44	
91-20-3	Naphthalene	46	
87-61-6	1,2,3-Trichlorobenzene	44	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-13

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-02B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8266

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	4	J
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	3	J
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-13

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-02B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8266

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMW-13

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-02B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8266

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-14

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-03B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8267

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-14

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-03B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8267

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SMW-14

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-03B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8267

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-16

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-04B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8268

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	4	J
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	2	J
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	15	
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	16	
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-16

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-04B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8268

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	25	
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMW-16

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-04B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8268

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-10B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8273

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-10B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8273

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SMW-4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-10B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8273

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-05B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8269

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	3	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-05B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8269

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMW-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-05B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8269

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-6A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-06B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8270

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-6A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-06B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8270

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMW-6A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-06B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8270

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-6B

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-07B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8271

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	270	E
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	85	
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-6B

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-07B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8271

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	1200	E
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMW-6B

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-07B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8271

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SMW-6BDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-07BDL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8298

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	50	U
74-87-3	Chloromethane	50	U
75-01-4	Vinyl Chloride	50	U
74-83-9	Bromomethane	50	U
75-00-3	Chloroethane	50	U
75-69-4	Trichlorofluoromethane	50	U
75-35-4	1,1-Dichloroethene	50	U
67-64-1	Acetone	50	U
74-88-4	Iodomethane	50	U
75-15-0	Carbon Disulfide	50	U
75-09-2	Methylene Chloride	50	U
156-60-5	trans-1,2-Dichloroethene	50	U
1634-04-4	Methyl tert-butyl ether	50	U
75-34-3	1,1-Dichloroethane	50	U
108-05-4	Vinyl acetate	50	U
78-93-3	2-Butanone	50	U
156-59-2	cis-1,2-Dichloroethene	210	D
590-20-7	2,2-Dichloropropane	50	U
74-97-5	Bromochloromethane	50	U
67-66-3	Chloroform	50	U
71-55-6	1,1,1-Trichloroethane	50	U
563-58-6	1,1-Dichloropropene	50	U
56-23-5	Carbon Tetrachloride	50	U
107-06-2	1,2-Dichloroethane	50	U
71-43-2	Benzene	50	U
79-01-6	Trichloroethene	68	D
78-87-5	1,2-Dichloropropane	50	U
74-95-3	Dibromomethane	50	U
75-27-4	Bromodichloromethane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
108-10-1	4-Methyl-2-pentanone	50	U
108-88-3	Toluene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
79-00-5	1,1,2-Trichloroethane	50	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMW-6BDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-07BDL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8298

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	50	U
127-18-4	Tetrachloroethene	1100	D
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	50	U
106-93-4	1,2-Dibromoethane	50	U
108-90-7	Chlorobenzene	50	U
630-20-6	1,1,1,2-Tetrachloroethane	50	U
100-41-4	Ethylbenzene	50	U
----------	m,p-Xylene	50	U
95-47-6	o-Xylene	50	U
1330-20-7	Xylene (Total)	50	U
100-42-5	Styrene	50	U
75-25-2	Bromoform	50	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-86-1	Bromobenzene	50	U
96-18-4	1,2,3-Trichloropropane	50	U
103-65-1	n-Propylbenzene	50	U
95-49-8	2-Chlorotoluene	50	U
108-67-8	1,3,5-Trimethylbenzene	50	U
106-43-4	4-Chlorotoluene	50	U
98-06-6	tert-Butylbenzene	50	U
95-63-6	1,2,4-Trimethylbenzene	50	U
135-98-8	sec-Butylbenzene	50	U
99-87-6	4-Isopropyltoluene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
104-51-8	n-Butylbenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
96-12-8	1,2-Dibromo-3-chloropropane	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
91-20-3	Naphthalene	50	U
87-61-6	1,2,3-Trichlorobenzene	50	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMW-6BDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-07BDL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8298

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. _____ Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V5ALCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: LCS-24396

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8254

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	44	
74-87-3	Chloromethane	43	
75-01-4	Vinyl Chloride	44	
74-83-9	Bromomethane	47	
75-00-3	Chloroethane	48	
75-69-4	Trichlorofluoromethane	47	
75-35-4	1,1-Dichloroethene	44	
67-64-1	Acetone	37	
74-88-4	Iodomethane	46	
75-15-0	Carbon Disulfide	45	
75-09-2	Methylene Chloride	38	
156-60-5	trans-1,2-Dichloroethene	35	
1634-04-4	Methyl tert-butyl ether	37	
75-34-3	1,1-Dichloroethane	46	
108-05-4	Vinyl acetate	48	
78-93-3	2-Butanone	46	
156-59-2	cis-1,2-Dichloroethene	45	
590-20-7	2,2-Dichloropropane	46	
74-97-5	Bromochloromethane	46	
67-66-3	Chloroform	45	
71-55-6	1,1,1-Trichloroethane	45	
563-58-6	1,1-Dichloropropene	45	
56-23-5	Carbon Tetrachloride	45	
107-06-2	1,2-Dichloroethane	47	
71-43-2	Benzene	46	
79-01-6	Trichloroethene	46	
78-87-5	1,2-Dichloropropane	47	
74-95-3	Dibromomethane	47	
75-27-4	Bromodichloromethane	47	
10061-01-5	cis-1,3-Dichloropropene	46	
108-10-1	4-Methyl-2-pentanone	46	
108-88-3	Toluene	46	
10061-02-6	trans-1,3-Dichloropropene	47	
79-00-5	1,1,2-Trichloroethane	46	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V5ALCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: LCS-24396

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8254

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	47	
127-18-4	Tetrachloroethene	45	
591-78-6	2-Hexanone	46	
124-48-1	Dibromochloromethane	47	
106-93-4	1,2-Dibromoethane	46	
108-90-7	Chlorobenzene	46	
630-20-6	1,1,1,2-Tetrachloroethane	46	
100-41-4	Ethylbenzene	46	
----------	m,p-Xylene	92	
95-47-6	o-Xylene	48	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	49	
75-25-2	Bromoform	46	
98-82-8	Isopropylbenzene	47	
79-34-5	1,1,2,2-Tetrachloroethane	47	
108-86-1	Bromobenzene	46	
96-18-4	1,2,3-Trichloropropane	47	
103-65-1	n-Propylbenzene	46	
95-49-8	2-Chlorotoluene	47	
108-67-8	1,3,5-Trimethylbenzene	47	
106-43-4	4-Chlorotoluene	47	
98-06-6	tert-Butylbenzene	46	
95-63-6	1,2,4-Trimethylbenzene	47	
135-98-8	sec-Butylbenzene	46	
99-87-6	4-Isopropyltoluene	47	
541-73-1	1,3-Dichlorobenzene	45	
106-46-7	1,4-Dichlorobenzene	46	
104-51-8	n-Butylbenzene	47	
95-50-1	1,2-Dichlorobenzene	47	
96-12-8	1,2-Dibromo-3-chloropropane	47	
120-82-1	1,2,4-Trichlorobenzene	44	
87-68-3	Hexachlorobutadiene	42	
91-20-3	Naphthalene	40	
87-61-6	1,2,3-Trichlorobenzene	42	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V5ALCSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: LCSD-24396

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8255

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	47	
74-87-3	Chloromethane	49	
75-01-4	Vinyl Chloride	49	
74-83-9	Bromomethane	54	
75-00-3	Chloroethane	54	
75-69-4	Trichlorofluoromethane	52	
75-35-4	1,1-Dichloroethene	47	
67-64-1	Acetone	39	
74-88-4	Iodomethane	52	
75-15-0	Carbon Disulfide	49	
75-09-2	Methylene Chloride	45	
156-60-5	trans-1,2-Dichloroethene	40	
1634-04-4	Methyl tert-butyl ether	44	
75-34-3	1,1-Dichloroethane	53	
108-05-4	Vinyl acetate	56	
78-93-3	2-Butanone	53	
156-59-2	cis-1,2-Dichloroethene	52	
590-20-7	2,2-Dichloropropane	48	
74-97-5	Bromochloromethane	54	
67-66-3	Chloroform	51	
71-55-6	1,1,1-Trichloroethane	50	
563-58-6	1,1-Dichloropropene	49	
56-23-5	Carbon Tetrachloride	50	
107-06-2	1,2-Dichloroethane	56	
71-43-2	Benzene	52	
79-01-6	Trichloroethene	51	
78-87-5	1,2-Dichloropropane	53	
74-95-3	Dibromomethane	55	
75-27-4	Bromodichloromethane	54	
10061-01-5	cis-1,3-Dichloropropene	54	
108-10-1	4-Methyl-2-pentanone	57	
108-88-3	Toluene	52	
10061-02-6	trans-1,3-Dichloropropene	54	
79-00-5	1,1,2-Trichloroethane	55	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V5ALCSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: LCSD-24396

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8255

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	54	
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	50	
630-20-6	1,1,1,2-Tetrachloroethane	50	
100-41-4	Ethylbenzene	48	
----------	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	51	
98-82-8	Isopropylbenzene	48	
79-34-5	1,1,2,2-Tetrachloroethane	55	
108-86-1	Bromobenzene	50	
96-18-4	1,2,3-Trichloropropane	55	
103-65-1	n-Propylbenzene	49	
95-49-8	2-Chlorotoluene	50	
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	51	
135-98-8	sec-Butylbenzene	50	
99-87-6	4-Isopropyltoluene	50	
541-73-1	1,3-Dichlorobenzene	50	
106-46-7	1,4-Dichlorobenzene	49	
104-51-8	n-Butylbenzene	49	
95-50-1	1,2-Dichlorobenzene	50	
96-12-8	1,2-Dibromo-3-chloropropane	53	
120-82-1	1,2,4-Trichlorobenzene	47	
87-68-3	Hexachlorobutadiene	46	
91-20-3	Naphthalene	47	
87-61-6	1,2,3-Trichlorobenzene	47	

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

V5BLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: LCS-24458

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8284

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	50	
74-87-3	Chloromethane	59	
75-01-4	Vinyl Chloride	55	
74-83-9	Bromomethane	61	
75-00-3	Chloroethane	61	
75-69-4	Trichlorofluoromethane	60	
75-35-4	1,1-Dichloroethene	60	
67-64-1	Acetone	42	
74-88-4	Iodomethane	61	
75-15-0	Carbon Disulfide	63	
75-09-2	Methylene Chloride	71	
156-60-5	trans-1,2-Dichloroethene	60	
1634-04-4	Methyl tert-butyl ether	58	
75-34-3	1,1-Dichloroethane	57	
108-05-4	Vinyl acetate	57	
78-93-3	2-Butanone	55	
156-59-2	cis-1,2-Dichloroethene	55	
590-20-7	2,2-Dichloropropane	56	
74-97-5	Bromochloromethane	58	
67-66-3	Chloroform	54	
71-55-6	1,1,1-Trichloroethane	57	
563-58-6	1,1-Dichloropropene	55	
56-23-5	Carbon Tetrachloride	57	
107-06-2	1,2-Dichloroethane	59	
71-43-2	Benzene	57	
79-01-6	Trichloroethene	54	
78-87-5	1,2-Dichloropropane	59	
74-95-3	Dibromomethane	60	
75-27-4	Bromodichloromethane	59	
10061-01-5	cis-1,3-Dichloropropene	57	
108-10-1	4-Methyl-2-pentanone	56	
108-88-3	Toluene	58	
10061-02-6	trans-1,3-Dichloropropene	56	
79-00-5	1,1,2-Trichloroethane	58	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V5BLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: LCS-24458

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8284

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	56	
127-18-4	Tetrachloroethene	53	
591-78-6	2-Hexanone	51	
124-48-1	Dibromochloromethane	55	
106-93-4	1,2-Dibromoethane	53	
108-90-7	Chlorobenzene	55	
630-20-6	1,1,1,2-Tetrachloroethane	54	
100-41-4	Ethylbenzene	55	
----------	m,p-Xylene	110	
95-47-6	o-Xylene	56	
1330-20-7	Xylene (Total)	170	
100-42-5	Styrene	56	
75-25-2	Bromoform	52	
98-82-8	Isopropylbenzene	55	
79-34-5	1,1,2,2-Tetrachloroethane	54	
108-86-1	Bromobenzene	51	
96-18-4	1,2,3-Trichloropropane	56	
103-65-1	n-Propylbenzene	52	
95-49-8	2-Chlorotoluene	53	
108-67-8	1,3,5-Trimethylbenzene	53	
106-43-4	4-Chlorotoluene	53	
98-06-6	tert-Butylbenzene	57	
95-63-6	1,2,4-Trimethylbenzene	54	
135-98-8	sec-Butylbenzene	53	
99-87-6	4-Isopropyltoluene	54	
541-73-1	1,3-Dichlorobenzene	52	
106-46-7	1,4-Dichlorobenzene	53	
104-51-8	n-Butylbenzene	52	
95-50-1	1,2-Dichlorobenzene	54	
96-12-8	1,2-Dibromo-3-chloropropane	53	
120-82-1	1,2,4-Trichlorobenzene	48	
87-68-3	Hexachlorobutadiene	48	
91-20-3	Naphthalene	45	
87-61-6	1,2,3-Trichlorobenzene	47	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V5BLCSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: LCSD-24458

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8285

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	44	
74-87-3	Chloromethane	47	
75-01-4	Vinyl Chloride	48	
74-83-9	Bromomethane	55	
75-00-3	Chloroethane	54	
75-69-4	Trichlorofluoromethane	51	
75-35-4	1,1-Dichloroethene	48	
67-64-1	Acetone	39	
74-88-4	Iodomethane	50	
75-15-0	Carbon Disulfide	49	
75-09-2	Methylene Chloride	43	
156-60-5	trans-1,2-Dichloroethene	52	
1634-04-4	Methyl tert-butyl ether	52	
75-34-3	1,1-Dichloroethane	50	
108-05-4	Vinyl acetate	50	
78-93-3	2-Butanone	50	
156-59-2	cis-1,2-Dichloroethene	48	
590-20-7	2,2-Dichloropropane	49	
74-97-5	Bromochloromethane	50	
67-66-3	Chloroform	47	
71-55-6	1,1,1-Trichloroethane	50	
563-58-6	1,1-Dichloropropene	47	
56-23-5	Carbon Tetrachloride	49	
107-06-2	1,2-Dichloroethane	52	
71-43-2	Benzene	49	
79-01-6	Trichloroethene	48	
78-87-5	1,2-Dichloropropane	51	
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	50	
108-88-3	Toluene	50	
10061-02-6	trans-1,3-Dichloropropene	50	
79-00-5	1,1,2-Trichloroethane	49	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V5BLCSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: LCSD-24458

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8285

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/29/06

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	51	
127-18-4	Tetrachloroethene	47	
591-78-6	2-Hexanone	46	
124-48-1	Dibromochloromethane	49	
106-93-4	1,2-Dibromoethane	48	
108-90-7	Chlorobenzene	49	
630-20-6	1,1,1,2-Tetrachloroethane	48	
100-41-4	Ethylbenzene	48	
----------	m,p-Xylene	98	
95-47-6	o-Xylene	49	
1330-20-7	Xylene (Total)	150	
100-42-5	Styrene	49	
75-25-2	Bromoform	47	
98-82-8	Isopropylbenzene	48	
79-34-5	1,1,2,2-Tetrachloroethane	50	
108-86-1	Bromobenzene	47	
96-18-4	1,2,3-Trichloropropane	50	
103-65-1	n-Propylbenzene	47	
95-49-8	2-Chlorotoluene	47	
108-67-8	1,3,5-Trimethylbenzene	49	
106-43-4	4-Chlorotoluene	49	
98-06-6	tert-Butylbenzene	47	
95-63-6	1,2,4-Trimethylbenzene	49	
135-98-8	sec-Butylbenzene	48	
99-87-6	4-Isopropyltoluene	48	
541-73-1	1,3-Dichlorobenzene	47	
106-46-7	1,4-Dichlorobenzene	48	
104-51-8	n-Butylbenzene	48	
95-50-1	1,2-Dichlorobenzene	48	
96-12-8	1,2-Dibromo-3-chloropropane	50	
120-82-1	1,2,4-Trichlorobenzene	44	
87-68-3	Hexachlorobutadiene	44	
91-20-3	Naphthalene	45	
87-61-6	1,2,3-Trichlorobenzene	45	

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

DUP

Lab Name: Mitkem Corporation Contract: 152077

Lab Code: MITKEM Case No. SAS No.: SDG No.: ME0832

Matrix (soil/water): WATER Lab Sample ID: E0832-08

Level (low/med): MED Date Received: 06/19/06

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	278			P
7440-36-0	Antimony	1.7	B		P
7440-38-2	Arsenic	4.0	B		P
7440-39-3	Barium	53.5	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	1.6	B		P
7440-70-2	Calcium	13500			P
7440-47-3	Chromium	910			P
7440-48-4	Cobalt	18.5	B		P
7440-50-8	Copper	45.6			P
7439-89-6	Iron	2410		*	P
7439-92-1	Lead	3.0	B		P
7439-95-4	Magnesium	2460			P
7439-96-5	Manganese	592			P
7440-02-0	Nickel	992			P
7440-09-7	Potassium	2420			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	49600			P
7440-28-0	Thallium	2.9	B		P
7440-62-2	Vanadium	1.7	B		P
7440-66-6	Zinc	25.0	B		P
7439-97-6	Mercury	0.065	U		CV

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-12

Lab Name: Mitkem Corporation Contract: 152077

Lab Code: MITKEM Case No. SAS No.: SDG No.: ME0832

Matrix (soil/water): WATER Lab Sample ID: E0832-01

Level (low/med): MED Date Received: 06/19/06

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	369			P
7440-36-0	Antimony	1.8	B		P
7440-38-2	Arsenic	8.2	B		P
7440-39-3	Barium	67.6	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	2.8	B		P
7440-70-2	Calcium	17000			P
7440-47-3	Chromium	1130			P
7440-48-4	Cobalt	24.3	B		P
7440-50-8	Copper	67.9			P
7439-89-6	Iron	2810		*	P
7439-92-1	Lead	4.9	B		P
7439-95-4	Magnesium	3050			P
7439-96-5	Manganese	746			P
7440-02-0	Nickel	1290			P
7440-09-7	Potassium	2980			P
7782-49-2	Selenium	3.1	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	62500			P
7440-28-0	Thallium	5.0	B		P
7440-62-2	Vanadium	2.1	B		P
7440-66-6	Zinc	35.2	B		P
7439-97-6	Mercury	0.065	U		CV

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-13

Lab Name: Mitkem Corporation Contract: 152077

Lab Code: MITKEM Case No. SAS No.: SDG No.: ME0832

Matrix (soil/water): WATER Lab Sample ID: E0832-02

Level (low/med): MED Date Received: 06/19/06

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	38.5	B		P
7440-36-0	Antimony	6.3	B		P
7440-38-2	Arsenic	1.7	B		P
7440-39-3	Barium	55.5	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	3.8	B		P
7440-70-2	Calcium	18200			P
7440-47-3	Chromium	12.2	B		P
7440-48-4	Cobalt	1.3	B		P
7440-50-8	Copper	8.3	B		P
7439-89-6	Iron	153	B	*	P
7439-92-1	Lead	2.1	B		P
7439-95-4	Magnesium	8570			P
7439-96-5	Manganese	108			P
7440-02-0	Nickel	12.0	B		P
7440-09-7	Potassium	1310			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	35700			P
7440-28-0	Thallium	1.7	B		P
7440-62-2	Vanadium	0.60	B		P
7440-66-6	Zinc	28.9	B		P
7439-97-6	Mercury	0.065	U		CV

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-14

Lab Name: Mitkem Corporation Contract: 152077

Lab Code: MITKEM Case No. SAS No.: SDG No.: ME0832

Matrix (soil/water): WATER Lab Sample ID: E0832-03

Level (low/med): MED Date Received: 06/19/06

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	139	B		P
7440-36-0	Antimony	2.7	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	48.6	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	1.3	B		P
7440-70-2	Calcium	7550			P
7440-47-3	Chromium	49.9			P
7440-48-4	Cobalt	1.3	B		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	449		*	P
7439-92-1	Lead	1.7	B		P
7439-95-4	Magnesium	3540			P
7439-96-5	Manganese	25.6	B		P
7440-02-0	Nickel	24.3	B		P
7440-09-7	Potassium	1550			P
7782-49-2	Selenium	1.4	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	60500			P
7440-28-0	Thallium	1.3	B		P
7440-62-2	Vanadium	0.47	U		P
7440-66-6	Zinc	22.2	B		P
7439-97-6	Mercury	0.065	U		CV

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-16

Lab Name: Mitkem Corporation Contract: 152077

Lab Code: MITKEM Case No. SAS No.: SDG No.: ME0832

Matrix (soil/water): WATER Lab Sample ID: E0832-04

Level (low/med): MED Date Received: 06/19/06

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	534			P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	7.0	B		P
7440-39-3	Barium	13.6	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.71	B		P
7440-70-2	Calcium	9750			P
7440-47-3	Chromium	1660			P
7440-48-4	Cobalt	4.0	B		P
7440-50-8	Copper	8.6	B		P
7439-89-6	Iron	7270		*	P
7439-92-1	Lead	2.8	B		P
7439-95-4	Magnesium	4790			P
7439-96-5	Manganese	51.8			P
7440-02-0	Nickel	125			P
7440-09-7	Potassium	1040			P
7782-49-2	Selenium	2.2	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	24500			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	6.4	B		P
7440-66-6	Zinc	25.9	B		P
7439-97-6	Mercury	0.065	U		CV

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-4

Lab Name: Mitkem Corporation Contract: 152077

Lab Code: MITKEM Case No. SAS No.: SDG No.: ME0832

Matrix (soil/water): WATER Lab Sample ID: E0832-10

Level (low/med): MED Date Received: 06/19/06

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	82.5	B		P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	2.2	B		P
7440-39-3	Barium	16.7	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.73	B		P
7440-70-2	Calcium	13600			P
7440-47-3	Chromium	534			P
7440-48-4	Cobalt	1.6	B		P
7440-50-8	Copper	33.6			P
7439-89-6	Iron	1710		*	P
7439-92-1	Lead	1.6	B		P
7439-95-4	Magnesium	3310			P
7439-96-5	Manganese	181			P
7440-02-0	Nickel	240			P
7440-09-7	Potassium	2710			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	13400			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	1.4	B		P
7440-66-6	Zinc	17.7	B		P
7439-97-6	Mercury	0.065	U		CV

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-5

Lab Name: Mitkem Corporation Contract: 152077

Lab Code: MITKEM Case No. SAS No.: SDG No.: ME0832

Matrix (soil/water): WATER Lab Sample ID: E0832-05

Level (low/med): MED Date Received: 06/19/06

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	391			P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	1.7	B		P
7440-39-3	Barium	17.9	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	2.4	B		P
7440-70-2	Calcium	20700			P
7440-47-3	Chromium	80.5			P
7440-48-4	Cobalt	1.3	B		P
7440-50-8	Copper	6.8	B		P
7439-89-6	Iron	934		*	P
7439-92-1	Lead	3.6	B		P
7439-95-4	Magnesium	3420			P
7439-96-5	Manganese	209			P
7440-02-0	Nickel	39.1	B		P
7440-09-7	Potassium	2490			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	13400			P
7440-28-0	Thallium	1.4	B		P
7440-62-2	Vanadium	0.89	B		P
7440-66-6	Zinc	29.2	B		P
7439-97-6	Mercury	0.065	U		CV

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-6A

Lab Name: Mitkem Corporation Contract: 152077

Lab Code: MITKEM Case No. SAS No.: SDG No.: ME0832

Matrix (soil/water): WATER Lab Sample ID: E0832-06

Level (low/med): MED Date Received: 06/19/06

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	527			P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	3.5	B		P
7440-39-3	Barium	72.2	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	1.5	B		P
7440-70-2	Calcium	33800			P
7440-47-3	Chromium	607			P
7440-48-4	Cobalt	11.3	B		P
7440-50-8	Copper	16.0	B		P
7439-89-6	Iron	3780		*	P
7439-92-1	Lead	4.1	B		P
7439-95-4	Magnesium	5070			P
7439-96-5	Manganese	7140			P
7440-02-0	Nickel	160			P
7440-09-7	Potassium	2390			P
7782-49-2	Selenium	1.7	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	59600			P
7440-28-0	Thallium	32.3			P
7440-62-2	Vanadium	2.6	B		P
7440-66-6	Zinc	45.6	B		P
7439-97-6	Mercury	0.065	U		CV

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-6B

Lab Name: Mitkem Corporation Contract: 152077

Lab Code: MITKEM Case No. SAS No.: SDG No.: ME0832

Matrix (soil/water): WATER Lab Sample ID: E0832-07

Level (low/med): MED Date Received: 06/19/06

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2000			P
7440-36-0	Antimony	2.7	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	19.3	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.75	B		P
7440-70-2	Calcium	19600			P
7440-47-3	Chromium	62.2			P
7440-48-4	Cobalt	2.2	B		P
7440-50-8	Copper	17.5	B		P
7439-89-6	Iron	1950		*	P
7439-92-1	Lead	2.8	B		P
7439-95-4	Magnesium	3430			P
7439-96-5	Manganese	81.6			P
7440-02-0	Nickel	46.1	B		P
7440-09-7	Potassium	2210			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	17800			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	1.1	B		P
7440-66-6	Zinc	53.6			P
7439-97-6	Mercury	0.065	U		CV

Comments: