FINAL SEMIANNUAL SAMPLING REPORT (September 2006 Sampling Event)

Multi Site G
Operation, Maintenance & Monitoring

SMS Instruments Site Deer Park, Suffolk County, NY Site 1-52-026

Work Assignment No. D004445-14

Prepared for:



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

December 2006

Prepared by:

Earth Tech Northeast, Inc. 300 Broadacres Drive Bloomfield, New Jersey 07003

TABLE OF CONTENTS

Chapt	er		Page
1.0	INTRO	DDUCTION	1
2.0	BACK	GROUND INFORMATION AND SITE CHRONOLOGY	1
	2.1	USEPA/REAC SOIL BORING ADVANCEMENT AND SVE/AIR SPARGE WELL INSTALLATION ACTIVITIES (AUGUST 2004)	2
	2.2	USEPA/EARTH TECH GW P&T SYSTEM EVALUATION SAMPLING (AUGUST 31, 2005)	3
	2.3	PHOSTER™ SYSTEM	3
		2.3.1 Technology Description	3
		2.3.2 Technology Selection Rationale	4
		2.3.3 Evaluation of PHOSter TM Sampling Results	4
		2.3.4 PHOSter TM System Effectiveness Evaluation	
3.0	FIELD	ACTIVITIES	5
4.0	SAMP	LING RESULTS	5
	4.1	VOLATILE ORGANIC COMPOUNDS	6
	4.2	SEMIVOLATILE ORGANIC COMPOUNDS	6
	4.3	TAL METALS	6
5.0		MARY AND RECOMMENDATIONS FOR FUTURE SITE REMEDIATION	7

LIST OF TABLES

- 1. February and September 2006 Semiannual Groundwater Sampling, Volatile Organic Compounds, Detections Only
- 2. February and September 2006 Semiannual Groundwater Sampling, Semivolatile Organic Compounds, Detections Only
- 3. February and September 2006 Semiannual Groundwater Sampling, Target Analyte List Metals, Detections Only

LIST OF FIGURES

- 1 Site Location Map
- 2 Monitoring Well Location Map
- 3 Summary of Volatile Organic Compounds in Groundwater September 2006
- 4 Summary of Semivolatile Organic Compounds in Groundwater September 2006
- 5 Summary of TAL Metals in Groundwater September 2006

LIST OF APPENDICES

- A Well Sampling Forms September 2006
- B Laboratory Data Summary Packages (Form Is)

1.0 INTRODUCTION

The SMS Instruments site was evaluated in 2003 as part of the Pump and Treat Optimization initiative from US Environmental Protection Agency (USEPA) headquarters which provided recommendations to enhance remedial and cost effectiveness. In July 2003, GeoTrans, Inc. (GeoTrans), on behalf of the USEPA, conducted a site visit to perform the optimization evaluation of the active Groundwater Pump and Treat system. The results of the evaluation were included in a Remediation System Evaluation (RSE) report (GeoTrans, December, 2003). The RSE report recommended developing an exit strategy and provided three potential approaches for consideration.

Site activities from 2004 to 2005 have been performed based on the recommendations provided by the RSE report. In 2005, the Site was transferred from USEPA to the New York State Department of Environmental Conservation (NYSDEC). This semiannual sampling report summarizes the SMS Instruments Site remediation activities that occurred since the transfer.

2.0 BACKGROUND INFORMATION AND SITE CHRONOLOGY

The SMS Instruments Superfund site is located at 120 Marcus Boulevard in Deer Park, Suffolk County, New York (Figure 1). The site was listed on the National Priority List (NPL) in 1986. The Site consists of a 34,000 square foot building located on a 1.5-acre lot that is surrounded by other light industrial facilities. A recharge basin is located adjacent to the Site to the east. Facility operations occurred between 1967 and 1990 and primarily involved overhauling of military aircraft components. These activities consisted of cleaning, painting, degreasing, refurbishing, metal machining, and testing components. The current uses include the manufacturing of wooden kitchen utensils. Site contamination was first discovered in 1980 when the Suffolk County Department of Health Services sampled a leaching pool on the south side of the facility. USEPA completed a remedial investigation/feasibility study (RI/FS) in 1989, and investigative and remedial activities have included pumping out the leaching pond and backfilling it, removal of an underground storage tank (which was used to store jet fuel), and operation of a soil vapor extraction system (SVE). The SVE system was operated from 1992 to 1994, near the former leaching pool and the former UST areas to remediate soils. Wastewater was historically discharged into a leaching pool at the site, which, subsequently contaminated soils and groundwater beneath the site. In addition, the leaking UST also contaminated soils and groundwater beneath the site. A Groundwater Pump and Treat (GW P&T) system, which includes an air stripper to treat contaminated groundwater, was constructed and began operation in 1994.

Soil sampling conducted after the operation of the SVE system reflected that the soil remedy reduced contamination and was effective in reducing potential exposure to contaminated soil vapor. The groundwater contamination has decreased substantially since activation of the GW P&T system. However, after several years of operation, the influent concentrations had decreased substantially, the contaminant removal cost per pound had increased dramatically, and the system was no longer seen as accelerating site cleanup. Furthermore, the system was failing to achieve the ultimate groundwater cleanup goals (e.g., the maximum contaminant levels [MCLs]). Therefore, In July 2003, GeoTrans, on behalf of the USEPA, conducted a site visit to perform an evaluation of the active Groundwater Pump and Treat system. The results of the evaluation were included in a Remediation System Evaluation (RSE) (GeoTrans, 2003). The RSE report recommended developing an exit strategy, and provided three potential approaches for consideration. One of the three recommended approaches, the most aggressive approach, was to conduct a pilot study on an alternative technology and determine if that alternative technology, or another approach, should replace the P&T system. The RSE report indicated various alternative technologies are available for reducing mass of volatile organic compounds (VOCs), including air sparging, bioaugmentation, and chemical oxidation. The USEPA considered this approach the most

viable of the three recommended approaches in the RSE report. The intent of aggressively addressing the remaining soil contamination was to reduce contaminant concentrations in the soil and reduce the potential for future contamination of the groundwater, thereby reducing both the cost and time required to remediate the site.

Following USEPA's selection of this recommendation from the RSE report, in May of 2004, the USEPA Remedial Action Branch sent a request for field support at the SMS Instruments Site. The request involved two phases: additional field characterization of a former UST area through use of a geoprobe down to the water table, and a second phase to assess and implement additional remedial technologies to address remaining source areas, such as air sparging with SVE and/or bioremedial-enhancing injections. In an effort to field characterize the former UST area and obtain data needed for the selection of a pilot alternative approach, 25 soil borings were advanced and installation of SVE and air sparge wells were performed in August 2004 by ERT and the Response Engineering and Analytical Contract (REAC) contractor (Lockheed Martin Technology Services [Lockheed Martin]). Further details of the August 2004 ERT/REAC activities are included in section 2.1 of this report.

Based on an evaluation of the data generated by ERT/REAC, the USEPA Remedial Project Manager (RPM) and the USEPA Removal On-Scene Coordinator (OSC) concluded the installation of a PHOSterTM bioremediation system would be the most appropriate and cost effective technology for the time frame of operation. In April of 2005, under the Emergency and Rapid Response Services (ERRS) contract, Earth Tech Northeast, Inc. (Earth Tech) procured a PHOSterTM system and the system was later installed and activated on site in May 2005. Further details of the PHOSterTM system are included in Section 2.3 of this report.

The USEPA operated the GW P&T system at the Site until July 15, 2005 when the Site was turned over to NYSDEC. Based on sampling conducted by CDM for the USEPA in June 2005 and effluent samples collected by Earth Tech in August 2005, Earth Tech determined that the GW P&T system was no longer removing significant quantities of contaminants, and VOC concentrations in the influent were below detection limits (at 5 ppb). In a letter to NYSDEC dated October 6, 2005, Earth Tech recommended that the groundwater treatment system be de-activated. NYSDEC concurred with this recommendation in a letter dated October 21, 2005 (Attachment A).

2.1 USEPA/REAC Soil Boring Advancement and SVE/Air Sparge Well Installation Activities (August 2004)

In July 2004, EPA-ERT/REAC provided the necessary field support to characterize the remaining source area and preliminary cost projections to implement sparging/bioremediation operations. A Geoprobe was used to advance 25 soil borings to collect 46 subsurface soil samples which were analyzed with a field GC for benzene, toluene, ethylbenzene, and xylenes (BTEX); and three samples were also analyzed for VOCs. The highest BTEX/VOC concentrations were detected in samples collected in the vicinity of the drywell and groundwater extraction well EXW-3. These soil samples were collected within the smear zone [between 24 and 28 feet below ground surface (ft bgs)]. The highest concentrations of BTEX were found in the drywell sample collected at 24 ft bgs with a total concentration of 170,580 micrograms per kilogram (μ g/kg). The highest VOC results were obtained from the drywell location at 24 feet bgs with a total VOC concentration of 408,100 μ g/kg. Vadose zone and in the groundwater table sample data indicated the contamination was contained within the smear zone. Complete details of the soil boring event are included in the Site Investigation Report (Technical Memorandum) (REAC / Lockheed Martin, August, 2005.

Following a review of these results, it was determined that bioremedial enhancement required further evaluation beyond the USEPA's Remedial Action Branch's required timeframe for transfer of the site to

the NYSDEC. Therefore, in November 2004, USEPA's Removal Action Branch along with ERT/REAC were able to provide continual field support to install the necessary piping for the bioremediation system. However, it was determined that purchasing or rental of the bioremediation system was beyond the scope of their existing contract. Therefore, in May 2005, Earth Tech, EPA Region II ERRS contractor, procured and installed a PHOSterTM bioremediation system at the Site. Further details of the bioremediation system are included in Section 2.3 of this report.

The system performance was evaluated in June 2006 with a soil sampling program designed to collect subsurface soil samples for chemical testing and methanotrophs. The results of this evaluation were presented in the Final PHOSterTM System Soil Sampling Report (June 2006 Sampling Event) (Earth Tech, October 2006). The report concluded that the system was removing VOCs from the soil column; however, pockets of contamination still remained. The report recommended that the system continue to operate for another six months at which time the performance would again be evaluated.

2.2 USEPA/Earth Tech GW P&T System Evaluation Sampling (August 31, 2005)

In an effort to evaluate the current status of the GW P&T system, on August 31, 2005, three groundwater samples (including one field duplicate) were shipped to Mitkem Corporation for VOC analysis by USEPA Method 624, along with three air samples (also including one field duplicate), which were shipped to Con-Test Analytical Laboratory for total organic analysis.

The groundwater samples were collected after a minimum of five gallons was purged from the sample ports located within the treatment system. Samples were collected from the influent (INFLUENT) and effluent (EFFLUENT, as well as duplicate sample EFFLUENT-A) of the treatment system for volatile organics analysis.

The air samples were collected using Summa canisters for a period of two minutes per sample. Samples were collected from post air stripper (POST AIR STRIPPER, along with a field duplicate POST AIR STRIPPER-A) and post carbon (POST CARBON) of the treatment system for total organics analysis. Further details of the August 31, 2005 sampling activities are detailed in a Sampling Trip report dated August 31, 2005.

Results of the GW P&T system evaluation sampling performed on August 31, 2005 indicated no contamination was being treated by the Groundwater Pump and Treat system, and contaminants were not detected (at a detection limit of 5 ppb) in the influent. Therefore, on October 6, 2005 Earth Tech recommended the shut-down of the SMS groundwater pump and treatment plant and in a letter dated October 21, 2005 the NYSDEC approved the temporary shutdown of the groundwater treatment plant. The NYSDEC letter also indicated that groundwater sampling will continue to determine if any significant rebound occurs. If no rebound is observed after a reasonable period of time, the treatment system will be permanently shut down and dismantled.

2.3 PHOSterTM System

2.3.1 Technology Description

The Enhanced In-Situ Bioremediation Process is a biostimulation technology developed by the US Department of Energy (DOE) at the Westinghouse Savannah River Plant site in Aiken, S.C. DOE refers to their phosphate injection technology as PHOSterTM and has licensed the process to Earth Tech. Earth Tech is utilizing the process to deliver a gaseous phase mixture of air, nutrients, and methane to contaminated soils at the SMS site. These enhancements are delivered to groundwater via injection wells to stimulate and accelerate the growth of existing microbial populations, especially methanotrophs. This

type of aerobic bacteria has the ability to metabolize methane and produce enzymes capable of degrading chlorinated solvents and their degradation products to non-hazardous constituents. The primary components of Earth Tech's treatment system consist of injection wells, air injection equipment, groundwater monitoring wells, and soil vapor monitoring points. Figure 5 shows a plan view of the treatment area, the injection wells, and monitoring points. The injection wells are designed to deliver air, gaseous-phase nutrients, and methane to groundwater and the vadose zone in the underlying soils.

The SMS system consists of a 5 horsepower rotary screw compressor that is capable of delivering 15 to 30 pounds per square inch (psi) and approximately 10 to 100 standard cubic feet per hour (scfh) to a pressure rated steel tank. Air from the main line is diverted to the injection wells (screened 30 to 50 ft bgs). The monitoring wells and soil vapor monitoring points were installed upgradient, downgradient and cross-gradient relative to the injection well location to delineate the zone of influence and to monitor groundwater within and outside the zone of influence. The soil vapor monitoring points can be designed to release or capture vapors that may build up in the overburden. The monitoring wells were constructed in a manner to allow them to be converted to either injection wells or soil vapor extraction points.

The SMS injection system consists of air, nutrient, and methane injection equipment (all housed in a temporary building or shed). A compressor serves as the air source, and includes a condensate tank ("trap") with a drain, an air line, coalescing filters and pressure regulators and valves. Methane and nitrous oxide provide the source of carbon and nitrogen, respectively. Both are provided in standard gas cylinders and are piped into the main air line using regulators and flow meters. Triethyl phosphate (TEP), the phosphorus source, is stored as a liquid in a pressure-rated steel tank. Air from the main line is diverted through the tank to volatilize the TEP for subsurface delivery. The air, nitrous oxide, and TEP are injected continuously while the methane is injected on a pulsed schedule. The methane is closely monitored just prior to injecting into subsurface wells to ensure that the injection concentration does not exceed 4% by volume, thus avoiding the methane lower explosive limit (LEL) of 5%.

2.3.2 Technology Selection Rationale

The PHOSterTM technology was chosen for this site for a number of reasons. Contamination concentrations in the groundwater are at very low asymptotic levels and it was felt that the pump and treat system was no longer capable of removing a sufficient mass of contamination to justify operation. A system of groundwater and vadose zone wells were already in place that would be suitable for economically installing this technology. Soil and groundwater sampling results indicated existing biological activity was slowly degrading the contaminants. The site geology and hydrogeology was also ideal for this technology. The PHOSterTM technology has demonstrated ability to stimulate bacterial activity, promote the destruction of contaminants and act as a polishing technology for removal low levels of contamination often encountered in the final stages of site remediation.

2.3.3 Evaluation of PHOSterTM Sampling Results

Air samples are tested from on-site monitoring wells two times per month by Earth Tech staff scientists. The air is monitored for methane and CO_2 in percent with a CES-LANDTECH GEMTM 500 portable gas analyzer. A MultiRAE meter is used to analyze for CO, O_2 and H_2S . A MultiRAE PID is used to monitor for VOCs.

The results of these sampling events will be included in the next PHOSterTM System report. The data indicate that organic vapors in the monitoring wells have in general been decreasing steadily since the installation of the PHOSterTM system. Methane concentrations have been somewhat variable but that is attributed to the fact that methane is being added in pulse doses to stimulate biological activity in the soil. The presence of methane in variable concentrations depending upon the timing of sampling events was

expected and is desirable as an indication of the proper function of the system. Other parameters, such as O_2 and CO_2 , indicate that biological activity has increased. The O_2 levels have decreased, indicating increased aerobic biological activity that requires oxygen, and the CO_2 levels have increased, also indicating biological activity has been stimulated.

2.3.4 PHOSterTM System Effectiveness Evaluation

On June 28 and 29, 2006, Earth Tech advanced six soil borings and collected subsurface soil samples for analysis of VOCs, semivolatile organic compounds (SVOCs), pospholipid fatty acids (PLFA) and methanotrophs. The results were presented in the Final PHOSterTM System Soil Sampling Report dated October 2006. The results indicated that contaminant concentrations were decreasing; however, soil samples collected near the former dry well had contaminant concentrations exceeding applicable cleanup criteria. Based on the analytical results, Earth Tech recommended that the system continue to operate for an additional six months, at which time another round of soil samples would be collected and evaluated.

3.0 FIELD ACTIVITIES

In accordance with the December 2005 Sampling and Analysis Plan (Earth Tech, December 2005) developed for the SMS Instruments Site, Earth Tech conducted the second of two groundwater sampling events in September 2006. The first round of groundwater samples was collected in February 2006, under NYSDEC Work Assignment #D003821-41. This section describes and presents the results of the groundwater sampling event that took place on September 11 through 15, 2006.

Prior to sampling each well, a depth to water measurement was taken using a water level indicator, which was washed in a Liquinox bath and rinsed with distilled water before each use. Each monitoring well was purged of three well volumes with a submersible pump. The pump was decontaminated between each monitoring well by a liquinox bath followed by a distilled water rinse.

After purging, temperature, conductivity, pH, and turbidity measurements were recorded on the field observation logs. Water samples were obtained with new dedicated Teflon bailers. All groundwater samples were collected in bottles provided by the laboratory. Samples were packed on ice, and submitted with a completed chain-of-custody (COC) to Mitkem Laboratories, Inc. (Warwick, RI). Each sample was analyzed for VOCs by SW-846 Method 8260B, (SVOCs) by Method 8270C, and target analyte list (TAL) metals by Method 6010, and mercury by Method 7470.

The locations of these wells are presented in Figure 1, an aerial photograph of the site. A total of 20 monitoring wells were sampled during this sampling event. The pumps in the two extraction wells, EW-1 and EW-2, would not function during the sampling event. After consultation with the NYSDEC Project Manager, the decision was made to not sample these two wells during this event.

4.0 SAMPLING RESULTS

The laboratory analytical results for the VOCs, SVOCs and TAL metals analyses and the related COC's are included as Tables 1, 2, and 3 of this report, respectively. Twenty monitoring wells were sampled during the September 2006 event. Extraction wells EW-1 and EW-2 were not sampled during the September event as the pumps could not be started. In addition, the New York State Ambient Water Quality Standards and Guidance Values for groundwater are shown on each table. Any compound detected at a concentration at or above the applicable standard or guidance value is in bold/italics font.

4.1 Volatile Organic Compounds

VOCs results are shown on Table 1 of this report. The VOC results are also summarized on Figure 3.

EW-1 and EW-2 were not sampled during the September 2006 sampling event.

No VOCs were detected in monitoring wells MW-2, MW-3, MW-4, MW-5, MW-8, MW-9, MW-11, MW-12, MW-13D, MW-14 and MW-15 during the September 2006 sampling round.

Several VOCs, including methyl tert-butyl ether (MTBE), 1,1-dichloroethane, 1,1,1-trichloroethane, chlorobenzene, ethylbenzene, 1,3,5-trimethylbenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, naphthalene, and 1,2,3-trichlorobenzene were detected in several monitoring wells at concentrations below their Class GA criteria.

Hexachlorobutadiene was detected in three monitoring wells, MW-6D, MW-16D, and MW-17, at estimated concentrations of 1 to 2 μ g/L, which exceeds the Class GA standard of 0.5 μ g/L.

Total xylenes was detected in monitoring well MW-6S at a concentration of 5 μ g/L, which equals the Class GA criterion of 5 μ g/L.

1,2,4-Trimethylbenzene was also detected in monitoring well MW-6S at a concentration of 6 μ g/L, which exceeds the Class GA criterion of 5 μ g/L.

4.2 Semivolatile Organic Compounds

SVOC results are shown on Table 2 of this report. The SVOC results are also summarized on Figure 4.

No target SVOCs were detected in monitoring wells MW-4, MW-7, MW-8, MW-11, MW-13, MW-13D, MW-15, MW-16D, MW-16M, and MW-16S.

Several SVOCs, including 1,4-dichlorobenzene, naphthalene, phenanthrene, di-n-butyl phthalate, fluoranthene, pyrene, and bis(2-ethylhexyl)phthalate, were detected in several wells at concentrations below the applicable Class GA criterion.

Benzo(b)fluoranthene was detected in monitoring well MW-6S at an estimated concentration of 1 μ g/L, which exceeds the Class GA guidance value of 0.002 μ g/L.

4.3 TAL Metals

Results for TAL metals are shown on Table 3 of this report. The metals data is also summarized on Figure 5. All 23 TAL metals were detected in one or more of the 20 monitoring wells sampled during the September 2006 event. Exceedances of the Class GA criterion were noted for iron, manganese, sodium and zinc in several monitoring wells; as these four metals are common elements in groundwater, they will not be discussed further.

The cadmium concentrations in monitoring wells MW-13D (72.8 $\mu g/L$) and MW-16D (11.8 $\mu g/L$) exceeded the Class GA standard of 10 $\mu g/L$.

The chromium concentrations in monitoring wells MW-15 (275 μ g/L) and MW-16S (117 μ g/L) exceeded the Class GA total chromium standard of 50 μ g/L.

The lead concentration in monitoring well MW-2 (128 µg/L) exceeded the Class GA standard of 25 µg/L.

The thallium concentrations in monitoring wells MW-6S (1.8 μ g/L), MW-11 (2.9 (μ g/L), MW-12 (2.4 μ g/L), MW-13 (4 μ g/L), MW-14 (2.6 μ g/L) and MW-16M (1.5 μ g/L) exceeded the Class GA guidance value of 0.5 μ g/L.

5.0 SUMMARY AND RECOMMENDATIONS FOR FUTURE SITE REMEDIATION ACTIVITIES

During the February 2006 sampling event (Round 1) there were only two VOCs exceedances – chlorobenzene at EW-1 and 1,1-dichloroethane at MW-1. EW-1 was not sampled during Round 2 (September 2006) due to problems with the pump, so there is not information for comparison. During Round 2, there were three compounds that exceeded the criterion – total xylenes at MW-6S, 1,2,4-trimethylbenzene at MW-6S, and hexachlorobutadiene at MW-6D, MW-16D and MW-17. The concentrations of these three compounds were reported as not detected in Round 1 and exhibited slight increases in concentration during the Round 2, and are now at concentrations slightly above the applicable Class GA groundwater criteria. Hexachlorobutadiene was not historically associated with the Site. The VOCs hits noted at MW-6S during the September 2006 sampling may be a result of the soil sampling performed for the PHOSterTM system in June 2006. Collecting soil samples from below the groundwater table may have remobilized contaminants that were adsorbed on soil particles.

No significant rebound of VOC concentrations has been noted in the two rounds of groundwater samples collected at the Site since the Pump and Treat System was temporarily shut down in October 2005. The Final Semiannual Sampling Report for the February 2006 sampling event (Earth Tech, October 2006) recommended that if no further rebound of contaminant concentrations were noted in the next sampling event (detailed in this report), the Pump and Treat System could be dismantled.

During Round 1 there were several exceedances of SVOCs, most of which were in wells MW-6D and MW-6S. The six compounds which exceeded criteria in Round 1 at MW-6D were reported as not detected during Round 2. Of the two exceedances noted at MW-6S during Round 1 (chrysene and benzo(b)fluoranthene), chrysene was reported as not detected and benzo(b)fluoranthene remained above the criterion in Round 2.

The metals data indicate that lead concentrations remain above the criterion at MW-2. Cadmium concentrations remain above the criterion at MW-13D and WM-16D. Chromium exceedances were also noted at MW-15 and MW-16S during Round 2, but not during Round 1. Thallium concentrations remain above the guidance value in several wells. Metals contamination was not a concern and therefore was not part of the remedial action.

Earth Tech recommends the following for the SMS Instruments Site:

- Continued operation of the PHOSterTM bioremediation system;
- Collection of soil borings in the areas of known soil impact via direct-push soil sampling methods for the evaluation of current soil conditions in the area of concern and the effectiveness of the PHOSterTM bioremediation system after six months;
- The proposed new work assignment calls for a maximum of three additional groundwater sampling events at SMS. Groundwater sampling should continue for the next scheduled event to provide groundwater information while the PHOSterTM system is in operation and continued monitoring after the PHOSterTM system is shut down to monitor for potential rebound; and
- Dismantlement of the groundwater Pump and Treat System at the Site.

TABLE 1
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	EW-1		EW-1		EW-2		EW-2		MW-1		MW-1	MW-2		MW-2		MW-3		MW-3
Sample ID	Class GA	SMS-EW	-1	SMS-EW	-1	SMS-EV	V - 2	SMS-EW	<i>I</i> -2	SMS-MW	<i>l</i> -1	SMS-MW-1	SMS-MW-	2	SMS-MV	V-2	SMS-MV	V-3	SMS-MW-3
Laboratory ID	Groundwater	E0136-20	λ			E0203-0	3C			E0153-03	3A	E1376-16A	E0136-03A	Ą	E1376-1	7A	E0153-0	5A	E1376-12A
Sample Date	Criteria	2/9/06				2/23/0	6			2/10/06	i	09-12-06	2/7/06		09-12-0	06	2/10/06	3	09-12-06
Matrix	water	water		water		water		water		water		water	water		water		water		water
Units	μg/L	μg/L		μg/L		μg/L		μg/L		μg/L		μg/L	μg/L		μg/L		μg/L		μg/L
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc Q	conc	Q	conc	Q	conc	Q	conc Q
Methyl tert-butyl ether	NC	ND		NA		NI		N/		NE		ND	ND		NE		NI		ND
1,1-Dichloroethane	5	ND		NA		N		N/		14.0		4 J	ND		NE		NI		ND
1,1,1-Trichloroethane	5	ND		NA		N		N/		ND		ND	ND		NE		NE		ND
Chlorobenzene	5	32.0		NA		NI		N/		NE)	ND	ND		NE)	NI		ND
Ethylbenzene	5	1.0		NA		NI)	N/		NE		ND	ND		NE		NI		ND
m,p-Xylene	NC	5.0		NA		NI		N/		NE)	ND	ND		NE		NI		ND
Xylene (Total)	5	5.0		NA		NI		N/		NE		ND	ND		NE		NI		ND
1,3,5-Trimethylbenzene	5	ND		NA		NI		N/		ND		ND	ND		NE		NE		ND
1,2,4-Trimethylbenzene	5	ND		NA		N)	N/	4	ND		ND	ND		NE		NE		ND
1,4-Dichlorobenzene	5	ND		NA		NI)	N/	4	ND)	ND	ND		NE		NE)	ND
1,2,4-Trichlorobenzene	5	ND		NA		NI)	N/		ND		ND	ND		NE)	NE		ND
Hexachlorobutadiene	0.5	ND		NA		NI)	N/	4	ND)	ND	ND		NE		NE)	ND
Naphthalene	10	ND)	NA		NI)	N/	4	ND)	ND	ND		NE)	NE)	ND
1,2,3-Trichlorobenzene	5	ND)	NA		NΙ)	N/	4	ND)	ND	ND		NE)	NE)	ND
Number of TICs		0)	NA			0)	C)	0	0))	0
Total TICs		ND		NA		NI	-	N/	-	ND		ND	ND		NE	-	NE	-	ND

ND - Not Detected

J - Estimated value

Bold/Italics - Exceeds criterion

TABLE 1
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-4		MW-4		MW-5		MW-5		MW-6D)	MW-6D	MW-6S	MW-6	S	MW-7		MW-7
Sample ID	Class GA	SMS-MW	<i>I</i> -4	SMS-MV	V-4	SMS-MV	٧-5	SMS-MV	V-5	SMS-MW	/-6D	SMS-MW-6D	SMS-MW-6S	SMS-M	W-6S	SMS-MV	N-7	SMS-MW-7
Laboratory ID	Groundwater	E0153-01	ΙA	E1376-1	4A	E0136-1	9A	E1376-0	3A	E0136-17	7A	E1376-05A	E0136-13A	E1376-0)1A	E0153-0	7A	E1376-07A
Sample Date	Criteria	2/9/06		09-12-	06	2/9/06		09-11-0	06	2/9/06		09-11-06	2/8/06	09-11-	-06	2/10/0	6	09-11-06
Matrix	water	water		water		water		water		water		water	water	water		water		water
Units	μg/L	μg/L		μg/L		μg/L		μg/L		μg/L		μg/L	μg/L	μg/L		μg/L		μg/L
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc Q	conc Q	conc	Q	conc	Q	conc Q
Methyl tert-butyl ether	NC	ND		NE		NI		NE		ND		ND	ND	N		NI		ND
1,1-Dichloroethane	5	NE		NE		NI		NE		ND		ND	ND	N			0 J	3 J
1,1,1-Trichloroethane	5	ND		NE		NE		NE		ND		ND	ND	N		NI		1 J
Chlorobenzene	5	NE)	NE		NI)	NE)	ND)	ND	1.0 J	N		NI		ND
Ethylbenzene	5	ND		NE		NI		NE		ND		ND	ND		2 J	NI		ND
m,p-Xylene	NC	NE		NE		NI		NE		ND		ND	ND		5	NI		ND
Xylene (Total)	5	NE		NE		NI		NE		ND		ND	ND		5	NI		ND
1,3,5-Trimethylbenzene	5	ND		NE		NE)	NE)	ND		ND	ND		3 J	NI		ND
1,2,4-Trimethylbenzene	5	ND)	NE		NE)	NE)	ND)	ND	ND		6	NI	D	ND
1,4-Dichlorobenzene	5	ND)	NE		NE)	NE)	ND)	ND	ND		2 J	NI	D	ND
1,2,4-Trichlorobenzene	5	ND)	NE		NE		NE		ND		1 J	ND	N		NI		ND
Hexachlorobutadiene	0.5	ND)	NE		NE)	NE)	ND)	2 J	ND	N	D	NI	D	ND
Naphthalene	10	ND)	NE)	NE)	NE)	ND)	ND	ND		1 J	NI	D	ND
1,2,3-Trichlorobenzene	5	ND)	NE)	NE)	NE)	ND)	2 J	ND	N	D	NI	D	ND
Number of TICs		O)	()	())	0)	0	0		0		0	0
Total TICs		ND)	NE)	NE)	NE)	ND)	ND	ND	NI	D	NI	<u> </u>	ND

ND - Not Detected

J - Estimated value

Bold/Italics - Exceeds criterion

TABLE 1
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-8		MW-8		MW-9		MW-9		MW-11		MW-11	MW-12	MW-12	2	MW-13	3	MW-13	,
Sample ID	Class GA	SMS-MW	'-8	SMS-MV	V-8	SMS-MV	٧-9	SMS-MV	V-9	SMS-MV	V-11	SMS-MW-11	SMS-MW-12	SMS-MV	V-12	SMS-MV	V-13	SMS-MW	<i>l</i> -13
Laboratory ID	Groundwater	E0136-01	Α	E1376-0	2A	E0136-0	2A	E1376-1	5A	E0136-0	5A	E1400-06A	E0136-06A	E1400-0	5A	E0136-0	7A	E1400-01	1A
Sample Date	Criteria	2/7/06		09-11-0	06	2/7/06		09-12-	06	2/8/06		09-13-06	2/8/06	09-13-	06	2/8/06		09-13-0)6
Matrix	water	water		water		water		water		water		water	water	water		water		water	
Units	μg/L	μg/L		μg/L		μg/L		μg/L		μg/L		μg/L	μg/L	μg/L		μg/L		μg/L	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc Q	conc Q	conc	Q	conc	Q	conc	Q
							_		_		_				_				_
Methyl tert-butyl ether	NC	ND		NE		NI		NI		NE		ND	ND	NI			0 J	NE	
1,1-Dichloroethane	5	ND		NE		NI		NI		NE		ND	ND	NI		NI		NE	
1,1,1-Trichloroethane	5	ND		NE		NE		NI		ND		ND	ND	NI		NE		NE	
Chlorobenzene	5	ND		NE		NI		NI		NE		ND	ND	NI		NI			2 J
Ethylbenzene	5	ND		NE		NI		NI		NE		ND	ND	NI		NI		NE	
m,p-Xylene	NC	ND		NE		NI		N		NE		ND	ND	NI		NI		NE	
Xylene (Total)	5	ND		NE		N		NI		NE		ND	ND	NI		NI		NE	
1,3,5-Trimethylbenzene	5	ND		NE		NE		N		ND		ND	ND	NI		NE		NE	
1,2,4-Trimethylbenzene	5	ND		NE		NE		N		NE		ND	ND	NI		NE		NE	
1,4-Dichlorobenzene	5	ND		NE		NE)	NI)	ND)	ND	ND	NI)	NE)	NE	
1,2,4-Trichlorobenzene	5	ND		NE		NE		NI		ND		ND	ND	NI		NE		NE	
Hexachlorobutadiene	0.5	ND		NE		NE)	NI		ND)	ND	ND	NI)	NE)	NE	
Naphthalene	10	ND		NE)	NE)	NI)	ND)	ND	ND	NI)	NE)	NE)
1,2,3-Trichlorobenzene	5	ND		NE)	NE)	NI)	ND)	ND	ND	NI)	NE)	NE)
Number of TICs		0		C)	()	()	C)	0	0		0	(0	(0
Total TICs		ND		ND)	NE)	NE)	NE)	ND	ND	N)	NE)	NE)

ND - Not Detected

J - Estimated value

Bold/Italics - Exceeds criterion

TABLE 1
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-13D	MW-13	BD	MW-14	4	MW-14	ļ	MW-15	5	MW-15	MW-16D	MW-16D	N	/W-16N	Λ	MW-16M
Sample ID	Class GA	SMS-MW-13	D SMS-MV	V-13E	SMS-MV	N-14	SMS-MV	V-14	SMS-MV	V-15	SMS-MW-15	SMS-MW-16D	SMS-MW-1	6DSI	SMS-MW-	16M	SMS-MW-16M
Laboratory ID	Groundwater	E0136-09A	E1400-0	2A	E0136-0)8A	E1400-0	7A	E0136-1	1A	E1376-11A	E0136-16A	E1400-03A	E	:0136-15 <i>A</i>	A	E1376-10A
Sample Date	Criteria	2/8/06	09-13-0	06	2/8/06		09-13-0	26	2/8/06		09-12-06	2/9/06	09-13-06	2	2/9/06		09-12-06
Matrix	water	water	water		water		water		water		water	water	water	W	vater		water
Units	μg/L	μg/L	μg/L		μg/L		μg/L		μg/L		μg/L	μg/L	μg/L	μ	ıg/L		μg/L
		conc (conc	Q	conc	Q	conc	Q	conc	Q	conc Q	conc Q	conc C) c	onc	Q	conc Q
Methyl tert-butyl ether	NC	ND	NE		NI		NE		NE		ND	ND	1 J		ND		2 J
1,1-Dichloroethane	5	ND	NE		NI		NE		NE		ND	ND	ND		ND		ND
1,1,1-Trichloroethane	5	ND	NE		NE		NE		NE		ND	ND	ND		ND		ND
Chlorobenzene	5	ND	NE		NI		NE		NE		ND	ND	ND		ND		ND
Ethylbenzene	5	ND	NE		NI		NE		NE		ND	ND	ND		ND		ND
m,p-Xylene	NC	ND	NE		NI	D	NE		NE		ND	ND	ND		ND		ND
Xylene (Total)	5	ND	NE		NI	D	NE)	NE		ND	ND	ND		ND)	ND
1,3,5-Trimethylbenzene	5	ND	NE		NE)	NE)	NE)	ND	ND	ND		ND		ND
1,2,4-Trimethylbenzene	5	ND	NE		NE)	NE		NE		ND	ND	ND		ND		ND
1,4-Dichlorobenzene	5	ND	NE		NE)	NE)	ND)	ND	ND	ND		ND		ND
1,2,4-Trichlorobenzene	5	ND	NE		NE)	NE)	ND)	ND	ND	ND		ND		ND
Hexachlorobutadiene	0.5	ND	NE)	NE)	NE)	ND)	ND	ND	1 .	<i>'</i>	ND		ND
Naphthalene	10	ND	NE)	NE)	NE)	NE)	ND	ND	ND		ND		ND
1,2,3-Trichlorobenzene	5	ND	NE)	NE)	NE)	ND)	ND	ND	ND		ND		ND
Number of TICs		0		1		0		1		1	0	0	0		0		0
Total TICs		ND	NE		NE		NE		NE		ND	ND	ND		ND		ND

ND - Not Detected

J - Estimated value

Bold/Italics - Exceeds criterion

TABLE 1
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-16S	MW-16S	MW-17	MW-17
Sample ID	Class GA	SMS-MW-16S	SMS-MW-16S	SMS-MW-17	SMS-MW-17
Laboratory ID	Groundwater	E0136-12A	E1376-09A	E0136-18A	E1376-04A
Sample Date	Criteria	2/9/06	09-12-06	2/9/06	09-11-06
Matrix	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L
		conc Q	conc Q	conc Q	conc Q
Methyl tert-butyl ether	NC	ND	2 J	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND
m,p-Xylene	NC	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	2 J
Naphthalene	10	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	1 J
Number of TICs		0	0	0	0
Total TICs		ND	ND	ND	ND

ND - Not Detected

J - Estimated value

Bold/Italics - Exceeds criterion

TABLE 2
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	EW-1	EW-1	EW-2	EW-2	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3
Sample ID	Class GA	SMS-EW-01	SMS-EW-01	SMS-EW-2	SMS-EW-2	SMS-MW-1	SMS-MW-1	SMS-MW-2	SMS-MW-2	SMS-MW-3	SMS-MW-3
Laboratory ID	Groundwater	E0136-20B		E0203-03C		E0153-03B	E1376-16B	E0136-03C	E1376-17B	E0153-05B	E1376-12B
Sample Date	Criteria	2/9/06		2/23/06		2/10/06	09-12-06	2/7/06	09-12-06	2/10/06	09-12-06
Matrix	water	water	water	water	water	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
1,3-Dichlorobenzene	5	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	4.7	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	50	83.0 B	NA	1.0 J	NA	21.0	1 J	2.0 J	2 J	2.0 J	2 J
Benzo(b)fluoranthene	0.002	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.002	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	5	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Number of TICs		2	0	0	0	3	3	2	0	3	1
Total TICs		322 J	NA	ND	ND	111 J	32 J	634 J	ND	323 J	7 J

ND - Not Detected

J - Estimated value

Bold/Italics - Exceeds criterion

D - Dilution

TABLE 2
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-4	MW-4	MW-5	MW-5	MW-6D	MW-6D	MW-6S	MW-6S	MW-7	MW-7
Sample ID	Class GA	SMS-MW-4	SMS-MW-4	SMS-MW-5	SMS-MW-5	SMS-MW-6D	SMS-MW-6D	SMS-MW-6S	SMS-MW-6S	SMS-MW-7	SMS-MW-7
Laboratory ID	Groundwater	E0153-01B	E1376-14B	E0136-19B	E1376-03B	E0136-17B	E1376-05B	E0136-13C	E1376-01B	E0203-01A	E1376-07B
Sample Date	Criteria	2/9/06	09-12-06	2/9/06	09-11-06	2/9/06	09-11-06	2/8/06	09-11-06	2/23/06	09-11-06
Matrix	water	water	water	water	water	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
		conc Q	conc Q	conc Q		conc Q	conc Q				
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	1.0 J	ND	ND	ND
1,4-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND	2.0 J	1 J	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	1.0 J	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	2.0 J	2 J	1.0 J	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	2.0 J	2 J	1.0 J	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	5.0 J	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	1.0 J	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	2.0 J	ND	1.0 J	ND	ND	ND
bis(2-Ethylhexyl)phthalate	50	ND	ND	ND	1 J	5.0 JB		6.0 JB	4 J	11.0	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	2.0 J	ND	1.0 J	1 J	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	1.0 J	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.002	ND	ND	ND	ND	2.0 J	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND	ND	1.0 J	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	5	ND	ND	ND	ND	2.0 J	ND	1.0 J	ND	ND	ND
Number of TICs		1	0	2	0	10	0	19	11	6.0	0
Total TICs		9 J	ND	353 J	ND	963 J	ND	845 J	57 J	53 J	ND

ND - Not Detected

J - Estimated value

Bold/Italics - Exceeds criterion

D - Dilution

TABLE 2
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-8	MW-8	MW-9	MW-9	MW-11	MW-11	MW-12	MW-12	MW-13	MW-13
Sample ID	Class GA	SMS-MW-8	SMS-MW-8	SMS-MW-9	SMS-MW-9	SMS-MW-11	SMS-MW-11	SMS-MW-12	SMS-MW-12	SMS-MW-13	SMS-MW-13
Laboratory ID	Groundwater	E0136-01C	E1376-02B	E0136-02C	E1376-15B	E0136-05C	E1400-06B	E0136-06C	E1400-05B	E0136-07C	E1400-01B
Sample Date	Criteria	2/7/06	09-11-06	2/7/06	09-12-06	2/8/06	09-13-06	2/8/06	09-13-06	2/8/06	09-13-06
Matrix	water	water	water	water	water	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
		conc Q									
1,3-Dichlorobenzene	5	ND									
1,4-Dichlorobenzene	4.7	ND									
Isophorone	50	ND									
2,4-Dimethylphenol	50	ND									
Naphthalene	10	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND									
Di-n-butyl phthalate	50	ND									
Fluoranthene	50	ND									
Pyrene	50	ND									
Butylbenzyl phthalate	50	ND									
Benzo(a)anthracene	0.002	ND									
Chrysene	0.002	ND									
bis(2-Ethylhexyl)phthalate	50	2.0 J	ND	2.0 J	3 J	ND	ND	ND	1 J	ND	ND
Benzo(b)fluoranthene	0.002	ND									
Benzo(k)fluoranthene	0.002	ND									
Benzo(a)pyrene	0.002	ND									
Indeno(1,2,3-cd)pyrene	0.002	ND									
Benzo(g,h,i)perylene	5	ND									
Number of TICs		9	0	8	4	3	0	4	0	4	1
Total TICs		53 J	ND	198 J	26 J	552 J	ND	229 J	ND	290 J	8 J

ND - Not Detected

J - Estimated value

Bold/Italics - Exceeds criterion

D - Dilution

TABLE 2
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-13D	MW-13D	MW-14	MW-14	MW-15	MW-15	MW-16D	MW-16D
Sample ID	Class GA	SMS-MW-13D	SMS-MW-13D	SMS-MW-14	SMS-MW-14	SMS-MW-15	SMS-MW-15	SMS-MW-16D	SMS-MW-16D
Laboratory ID	Groundwater	E0136-09C	E1400-02B	E0136-08C	E1400-07B	E0136-11C	E1376-11B	E0136-16B	E1400-03B
Sample Date	Criteria	2/8/06	09-13-06	2/8/06	09-13-06	2/8/06	09-12-06	2/9/06	09-13-06
Matrix	water	water	water	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	2.0 J	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	50	ND	ND	ND	2 J	ND	ND	190 DB	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	5	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		3	0	2	0	1	0	2	0
Total TICs		256 J	ND	171 J	ND	7 J	ND	140 J	ND

ND - Not Detected

J - Estimated value

Bold/Italics - Exceeds criterion

D - Dilution

TABLE 2
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-16M	MW-16M	MW-16S	MW-16S	MW-17	MW-17
Sample ID	Class GA	SMS-MW-16M	SMS-MW-16M	SMS-MW-16S	SMS-MW-16S	SMS-MW-17	SMS-MW-17
Laboratory ID	Groundwater	E0136-15B	E1376-10B	E0136-12C	E1376-09B	E0136-18B	E1453-01A
Sample Date	Criteria	2/9/06	09-12-06	2/8/06	09-12-06	2/9/06	09-21-06
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
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	50	2.0 JB	ND	ND	ND	ND	1 J
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.002	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	5	ND	ND	ND	ND	ND	ND
Number of TICs		4	0	3	1	2	5
Total TICs		329 J	ND	188 J	23 J	102 J	30 J

ND - Not Detected

J - Estimated value

Bold/Italics - Exceeds criterion

D - Dilution

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	EW-1	EW-1	EW-2	EW-2	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3
Sample ID	Class GA	SMS-EW-1	SMS-EW-1	SMS-EW-2	SMS-EW-2	SMS-MW-1	SMS-MW-1	SMS-MW-2	SMS-MW-2	SMS-MW-3	SMS-MW-3
Laboratory ID	Groundwater	E0136-20B		E0203-03		E0153-03C	E1376-16C	E0136-03B	E1376-17C	E0153-05C	E1376-12C
Sample Date	Criteria	2/9/06		2/23/06		2/10/06	09-12-06	2/7/06	09-12-06	2/10/06	09-12-06
Matrix	water	water	water	water	water	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
			conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q		conc Q
Aluminum	NC	28.8 BE	NA	77 B	NA	236 E	319	1,930 E	6,060	886 E	1,860
Antimony	3	ND	NA	4 B	NA	3.3 B	ND	2.2 B	ND	2.3 B	ND
Arsenic	25	ND	NA	2 B	NA	3.5 B	ND	2.6 B	4.4 B	2.2 B	3 B
Barium	1,000	34.1 B	NA	88 B	NA	48.7 B	71.5 B	28.2 B	63.2 B	72.7 B	49.8 B
Beryllium	3	ND	NA	0 B	NA	ND	ND	ND	0.27 B	ND	ND
Cadmium	10	1.0 B	NA	ND	NA	0.7 B	0.19 B	4.1 B	3.2 B	1.6 B	1 B
Calcium	NC	13,300 E	NA	22,400	NA	24,000	19,500	13,100 E	18,300	32,500	25,000
Chromium	50	3.4 B	NA	8 B	NA	9.6 B	2.7 B	12.1 B	16.9 B	15.4 B	10.6 B
Cobalt	NC	4.4 BE	NA	1 B	NA	2.5 B	1.2 B	2.4 BE	3.7 B	3.6 B	2.2 B
Copper	200	8.9 B	NA	5 B	NA	16.8 B	ND	43.0	35.6	29.8 B	21.6 B
Iron	300	3,650 NE	NA	2,670	NA	<i>30,000</i> E	12,500	28,100 NE	25,100	26,700 E	20,400
Lead	25	0.9 B	NA	4 B	NA	3.2 B	0.95 B	135	128	6.8 B	4.3 B
Magnesium	35,000	2,000 E	NA	3,780	NA	4,610 E	3,370	3,380 E	4,660	4,790 E	3,630
Manganese	300	684 E	NA	200	NA	226 E	126	221 E	715	399 E	502
Mercury	2	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Nickel	NC	4.3 B	NA	9 B	NA	13.9 B	4.8 B	13.6 B	14 B	18.5 B	8.5 B
Potassium	NC	2,810	NA	9,610	NA	7,940	9,380	4,210	6,750	10,300	7,410
Selenium	10	3.3 B	NA	2 B	NA	ND	ND	5.1 B	ND	ND	ND
Silver	50	ND	NA	2 B	NA	ND	ND	ND	ND	1.6 B	ND
Sodium	20,000	17,300 E	NA	18,400	NA	28,400	27,200	8,240 E	16,500	16,900	20,000
Thallium	0.5	4.3 B	NA	3 B	NA	ND	ND	1.2 B	ND	ND	ND
Vanadium	NC	0.9 B	NA	ND	NA	1.3 B	0.85 B	11.1 B	18.8 B	3.5 B	5.2 B
Zinc	300	53 E	NA	126	NA	55	87	<i>4,620</i> E	2,720	66	53

Notes: B - Estimated value

Bold/Italics - Exceeds criterion

E - result is estimated due to interference or exceedance of the calibrated range

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location NYSDEC MW-4 MW-4 MW-5 MW-5 MW-6D MW-6D MW-6S MW-6S MW-7 MW-7 Sample ID Class GA SMS-MW-4 SMS-MW-5 SMS-MW-5 SMS-MW-6D SMS-MW-6S SMS-MW-7 SMS-MW-4 SMS-MW-6D SMS-MW-6S SMS-MW-7 Laboratory ID Groundwater E0153-01C E1376-14C E0136-19C E1376-03C E0136-17C E1376-05C E0136-13B E1376-01C E0153-07C E1376-07C 2/9/06 09-12-06 2/9/06 09-11-06 2/9/06 2/8/06 09-11-06 2/10/06 09-11-06 Sample Date Criteria 09-11-06 water water water water water water Matrix water water water water water Units μg/L μg/L μg/L μg/L μg/L µg/L μg/L μg/L μg/L μg/L μg/L O Ω Q conc Q O Q conc O conc conc conc O conc conc O conc conc O conc Aluminum NC 139 BE 114 B 284 E 1140 2.340 E 197 B 2.740 E 2790 161 BE 816 **3.5** B **4.7** B 2.5 B 2.3 B Antimony 3 1.7 B 2 B 2.3 B 2.0 B ND ND ND 6.9 B 5.5 B 5.1 B 5.8 B 3.3 B Arsenic 25 ND 1.7 B 8.1 B 4.0 B Barium 1.000 31.8 B 26 B 22.3 B 39.2 B 52.1 B 60 B 44.2 B 52.4 B 30.2 B 39.3 B 0.16 B Beryllium 3 ND ND ND ND ND ND 0.2 B 0.45 B 0.2 B Cadmium 0.5 B ND 3.4 B 4.1 B 0.37 B 3.3 B 1.4 B 2.2 B 1.7 B 10 5.8 Calcium NC 16.300 24,000 E 22.400 54.000 E 27.300 20.400 21.800 25,400 10,500 E 15.100 Chromium 50 2.4 B 2.3 B 8.8 B 18.1 B 16.7 B 6.7 B 15.0 B 16.4 B 10.1 B 12.6 B Cobalt NC 2.1 B 0.79 B 2.3 BE 2.4 B 28.2 BE 54.1 21.2 BE 10.8 B 2.8 B 2 B Copper 200 ND ND 30 B 74.5 9.3 B 70.4 45.8 19.6 B 14.3 B 30.9 Iron 300 47.800 E 23,800 **44.700** NE 23,400 **72.300** NE 9,810 17.700 NE 8,790 **72.000** E 60,300 25 1.5 B 4.2 B 7.9 B 20.5 1.4 B ND 21.7 ND 12.1 2.9 B Lead Magnesium 35.000 3.020 E 1,500 1.560 E 2.500 5.140 E 5.780 13.700 E 8,340 3.910 E 4.380 291 E 593 F 869 E Manganese 300 544 F 210 551 276 223 445 F 592 ND ND ND ND ND Mercury 2 ND ND ND ND ND 6.6 B 2.1 B 25.8 B 21.1 B 9.6 B 15.4 B 9.7 B Nickel NC 13.4 B 12.8 B 12.9 B Potassium NC 2.370 5,600 2.240 3.100 3.180 4.710 3.230 3.900 3.480 2.720 Selenium 10 3.5 B ND 6.3 B ND **12.5** B ND 5.9 B ND 3.9 B ND Silver ND ND ND ND ND 50 ND ND ND ND ND 3.670 E 13.100 E 16.800 E Sodium 6,310 3.990 5.230 31,100 8.450 10,200 15.400 20.000 Thallium 0.5 ND ND ND ND ND ND **6.4** B **1.8** B ND ND Vanadium NC 2.1 B 2.5 B 4.3 B 7.3 B 9.8 B 1.1 B 13.5 B 14.2 B 3.6 B 8.2 B

Notes: B - Estimated value

300

Zinc

Bold/Italics - Exceeds criterion

32 B

E - result is estimated due to interference or exceedance of the calibrated range

44 BE

ND - Not Detected NA - Not Analyzed

35 B

40 B

225 E

113

3,280 E

608

36 B

47 B

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-8	MW-8	MW-9	MW-9	MW-11	MW-11	MW-12	MW-12	MW-13	MW-13
Sample ID	Class GA	SMS-MW-8	SMS-MW-8	SMS-MW-9	SMS-MW-9	SMS-MW-11	SMS-MW-11	SMS-MW-12	SMS-MW-12	SMS-MW-13	SMS-MW-13
Laboratory ID	Groundwater	E0136-01B	E1376-02C	E0136-02C	E1376-15C	E0136-05C	E1400-06C	E0136-06B	E1400-05C	E0136-07B	E1400-01C
Sample Date	Criteria	2/7/06	09-11-06	2/7/06	09-12-06	2/8/06	09-13-06	2/8/06	09-13-06	2/8/06	09-13-06
Matrix	water	water	water	water	water	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
		conc Q	conc Q	conc Q		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Aluminum	NC	194 BE	161 B	50.6 BE	21.9 B	44.9 BE	159 B	48.8 BE	55.8 B	82.6 BE	84 B
Antimony	3	2.8 B	ND	2.3 B	ND	ND	ND	ND	ND	ND	ND
Arsenic	25	5.6 B	ND	3.0 B	2.1 B	ND	ND	ND	3.5 B	3.2 B	3.3 B
Barium	1,000	43.4 B	39.6 B	35.1 B	25.7 B	19.8 B	25.6 B	9.2 B	29.7 B	103 B	39.4 B
Beryllium	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	10	1.2 B	0.11 B	0.7 B	0.12 B	0.2 B	0.23 BE	0.3 B	0.4 BE	1.4 B	0.89 BE
Calcium	NC	24,500 E	27,200	9,130 E	16,400	13,200 E	14,400	8,410 E	16,700	30,200 E	11,500
Chromium	50	31.7	9.9 B	38.5	6.3 B	1.5 B	0.99 BE	2.1 B	2.1 BE	3.1 B	1.9 BE
Cobalt	NC	3.4 BE	1.1 B	2.0 BE	0.66 B	1.4 BE	0.57 B	1.4 BE	1 B	5.6 BE	2.3 B
Copper	200	72.7	9.6 B	34.7	ND	9.9 B	ND	10.2 B	6.4 B	11.5 B	9.3 B
Iron	300	107,000 NE	15,900	78,300 NE	21,700	12,000 NE	11,800	6,600 NE	19,700	52,600 NE	15,400
Lead	25	7.0 B	ND	3.9 B	ND	ND	3.5 B	1.0 B	3.2 B	1.0 B	2.3 B
Magnesium	35,000	3,870 E	3,520	1,530 E	2,560	1,800 E	2,030 E	1,210 E	2,190 E	3,260 E	1,230 E
Manganese	300	456 E	82.1	339 E	82.2	177 E	201 *E	249 E	956 *E	867 E	186 *E
Mercury	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	NC	40.3 B	9.8 B	35.3 B	4.8 B	4.2 B	3.3 B	5.0 B	3.6 B	9.3 B	3.6 B
Potassium	NC	6,370	6,970	5,400	3,990	3,730	3,040	7,140	2,970	11,200	14,600
Selenium	10	9.9 B	ND	7.1 B	ND	1.6 B	1.7 B	1.3 B	ND	2.2 B	1.9 B
Silver	50	ND	ND	ND	ND	ND	ND	ND	1.8 B	ND	1.8 B
Sodium	20,000	23,400 E	26,000	11,400 E	11,400	14,800 E	9,370	10,100 E	5,050	19,900 E	15,000
Thallium	0.5	ND	ND	ND	ND	1.5 B	2.9 B	2.0 B	2.4 B	4.4 B	4 B
Vanadium	NC	2.5 B	1 B	1.7 B	1.7 B	ND	3.2 B	ND	4.2 B	0.8 B	3.4 B
Zinc	300	96 E	31 B	34 BE	22 B	56 E	21 B	45 BE	23 B	88 E	38 B

Notes: B - Estimated value

Bold/Italics - Exceeds criterion

E - result is estimated due to interference or exceedance of the calibrated range

TABLE 3 SMS INSTRUMENTS SITE (#1-52-026) FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-13D	MW-13D	MW-14	MW-14	MW-15	MW-15	MW-16D	MW-16D
Sample ID	Class GA	SMS-MW-13D	SMS-MW-13D	SMS-MW-14	SMS-MW-14	SMS-MW-15	SMS-MW-15	SMS-MW-16D	SMS-MW-16D
Laboratory ID	Groundwater	E0136-09C	E1400-02C	E0136-08B	E1400-07C	E0136-11B	E1376-11C	E0136-16C	E1400-03C
Sample Date	Criteria	2/8/06	09-13-06	2/8/06	09-13-06 2/8/06		09-12-06	2/9/06	09-13-06
Matrix	water	water	water	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Aluminum	NC	53.0 BE	82 B	334.0 E	154 B	43.2 BE	199 B	29.0 BE	
Antimony	3	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	11.4 B	ND	2 B	ND	ND
Barium	1,000	67.2 B	69.6 B	15.9 B	35.1 B	12.4 B	19.4 B	51.9 B	48.3 B
Beryllium	3	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	10	<i>7</i> 2.8	72.8 E	0.9 B	0.21 BE	4.1 B	0.85 B	23.4	11.8 E
Calcium	NC	12,900 E	13,300	12,100 E	21,800	13,800 E	12,800	18,200 E	18,500
Chromium	50	7.8 B	5 BE	1.7 B	1.4 BE	9.8 B	275	34.6	41.6 E
Cobalt	NC	1.1 BE	0.81 B	1.0 BE	ND	1.1 BE	2.6 B	1.3 BE	0.87 B
Copper	200	32.9	19.6 B	12.8 B	ND	9.5 B	10.5 B	17.0 B	ND
Iron	300	746 NE	210	27,100 NE	48,000	276 NE	1,730	262 NE	232
Lead	25	0.8 B	1.7 B	2.6 B	4.3 B	2.3 B	2.6 B	2.5 B	1.2 B
Magnesium	35,000	7,790 E	8,300 E	1,610 E	2520 E	2,260 E	2320	3,250 E	3,430 E
Manganese	300	12 BE	5.9 B*E		910 *E	28 BE	175	60.7 E	196 *E
Mercury	2	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	NC	15.1 B	11.2 B	6.1 B	3 B	6.9 B	24.9 B	10.6 B	11.3 B
Potassium	NC	2,430	2,440	2,460	4,990	3,330	3470	5,280	5,040
Selenium	10	3.3 B	2.2 B	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	3.5 B	ND	ND	ND	ND
Sodium	20,000	27,500 E	28,700	2,230 E	8710	9,790 E	11,000	15,600 E	16,000
Thallium	0.5	ND	ND	ND	2.6 B	ND	ND	ND	ND
Vanadium	NC	ND	1.1 B	2.2 B	9.8 B	ND	1.2 B	ND	0.89 B
Zinc	300	72 E	74	29 BE	42 B	20 BE	30 B	61 E	40 B

Notes: B - Estimated value

Bold/Italics - Exceeds criterion

E - result is estimated due to interference or exceedance of the calibrated range

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY AND SEPTEMBER 2006 SEMI-ANNUAL GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS. DETECTIONS ONLY

		.,	<u> </u>	MICTALS, DE			
Sample Location	NYSDEC	MW-16M	MW-16M	MW-16S	MW-16S	MW-17	MW-17
Sample ID	Class GA	SMS-MW-16M	SMS-MW-16M	SMS-MW-16S	SMS-MW-16S	SMS-MW-17	SMS-MW-17
Laboratory ID	Groundwater		E1376-10C	E0136-12B	E1376-09C	E0136-18C	E1376-04C
Sample Date	Criteria	2/9/06	09-12-06	2/8/06	09-12-06	2/9/06	09-11-06
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	203 E	94.2 B	135 BE	69.2 B	72.0 BE	34.3 B
Antimony	3	1.3 B	ND	ND	ND	2.6 B	2.3 B
Arsenic	25	ND	2.2 B	ND	ND	ND	ND
Barium	1,000	97.9 B	93.6 B	46.1 B	18.7 B	22.8 B	28.4 B
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	10	4.0 B	2.3 B	17.4	3 B	3.1 B	0.65 B
Calcium	NC	23,900 E	19,200	27,900 E	17,800	13,900 E	17,200
Chromium	50	25.4	45.9	31.3	117	14.8 B	11.3 B
Cobalt	NC	2.5 BE	8 B	2.3 BE	2.1 B	1.6 BE	1.1 B
Copper	200	26.6 B	ND	17.6 B	ND	12.7 B	7.1 B
Iron	300	458 NE	814	480 NE	433	645 NE	284
Lead	25	1.5 B	0.58 B	2.0 B	ND	1.3 B	ND
Magnesium	35,000	2,650 E	2,950	4,920 E	3,270	1,930 E	1,160
Manganese	300	34.0 BE	536	251 E	108	77.9 E	109
Mercury	2	ND	ND	ND	0.1 B	0.1 B	ND
Nickel	NC	12.4 B	46.9 B	28.6 B	47.7 B	15.6 B	5.7 B
Potassium	NC	12,300	9,340	5,460	5,630	2,760	3,960
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	17,500 E	15,300	12,100 E	14,100	5,940 E	2,690
Thallium	0.5	2.1 B	1.5 B	2.2 B	ND	ND	ND
Vanadium	NC	0.6 B	0.71 B	0.5 B	0.8 B	2.1 B	2.4 B
Zinc	300	106 E	31 B	67 E	18 B	43 BE	19 B

Notes: B - Estimated value

Bold/Italics - Exceeds criterion

E - result is estimated due to interference or exceedance of the calibrated range

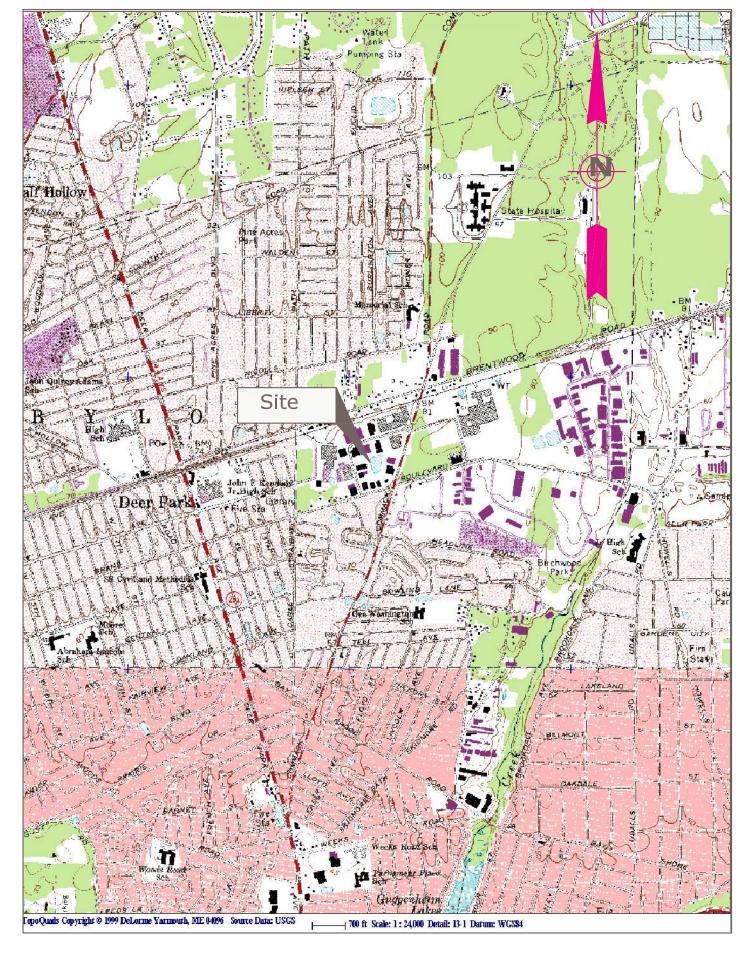
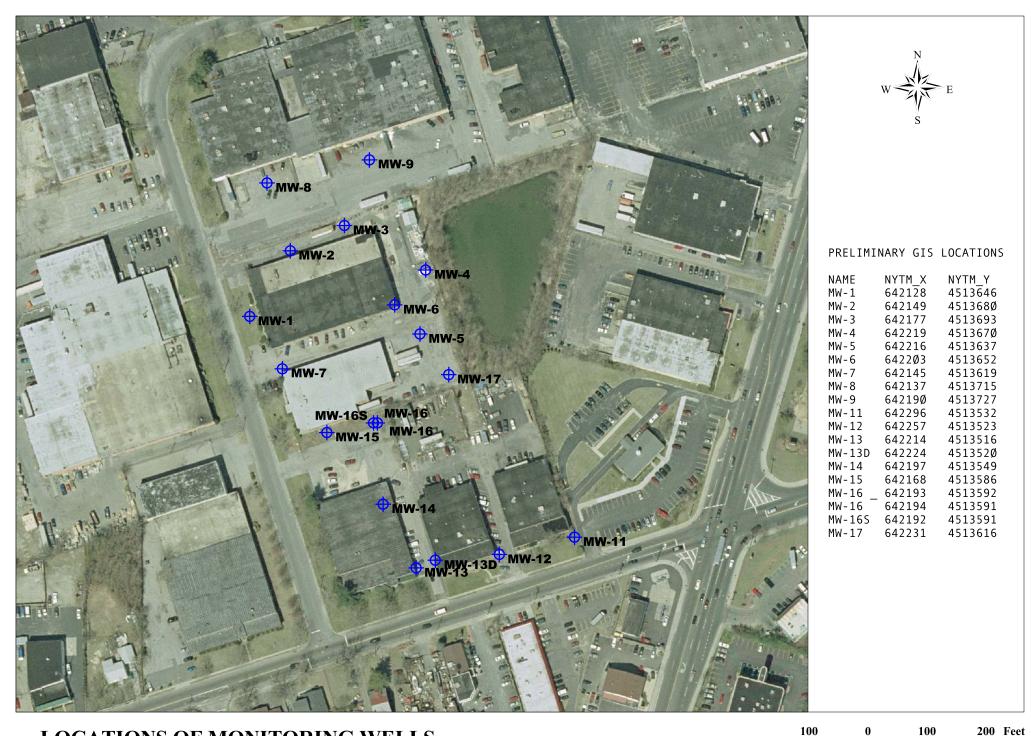
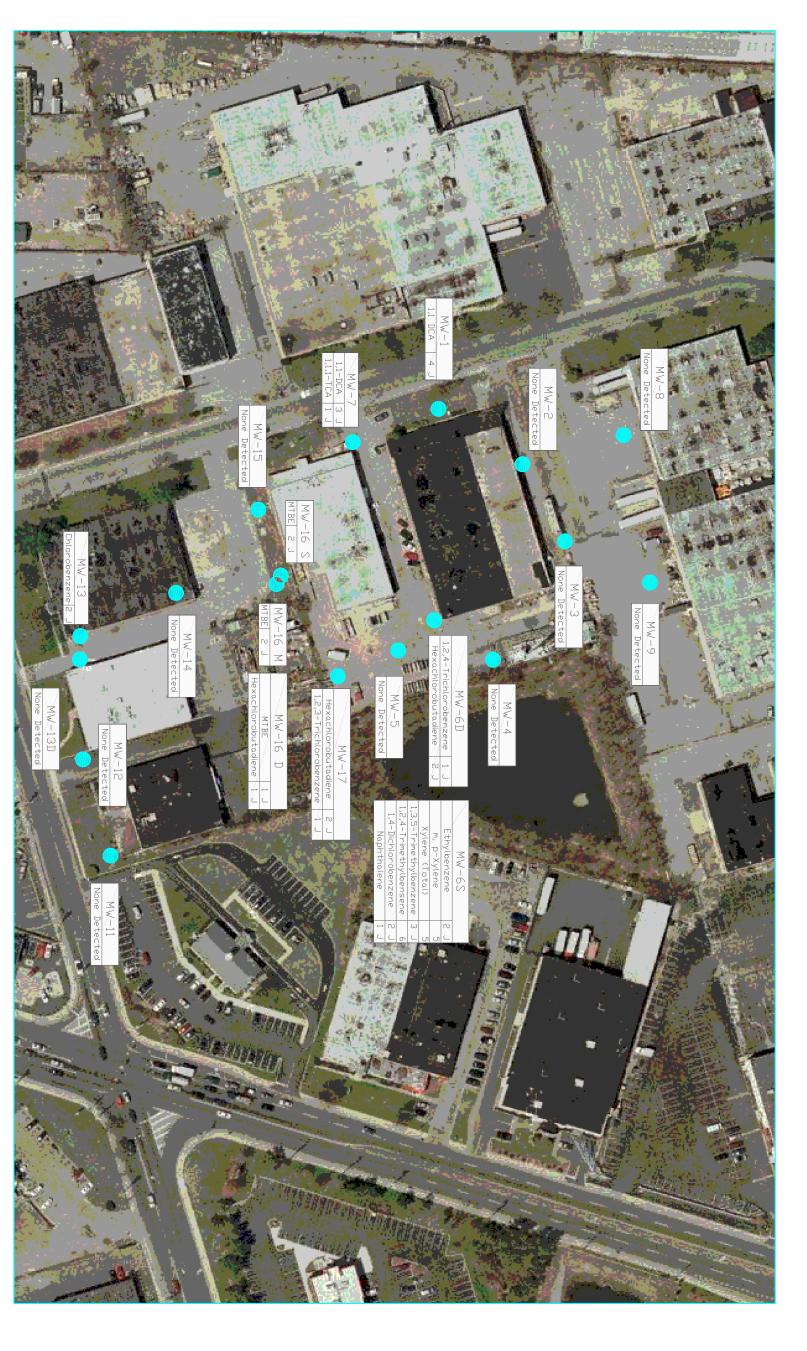


Figure 1 - Site Location Map





Monitoring well location

Note: All units in micrograms per liter (ug/L)

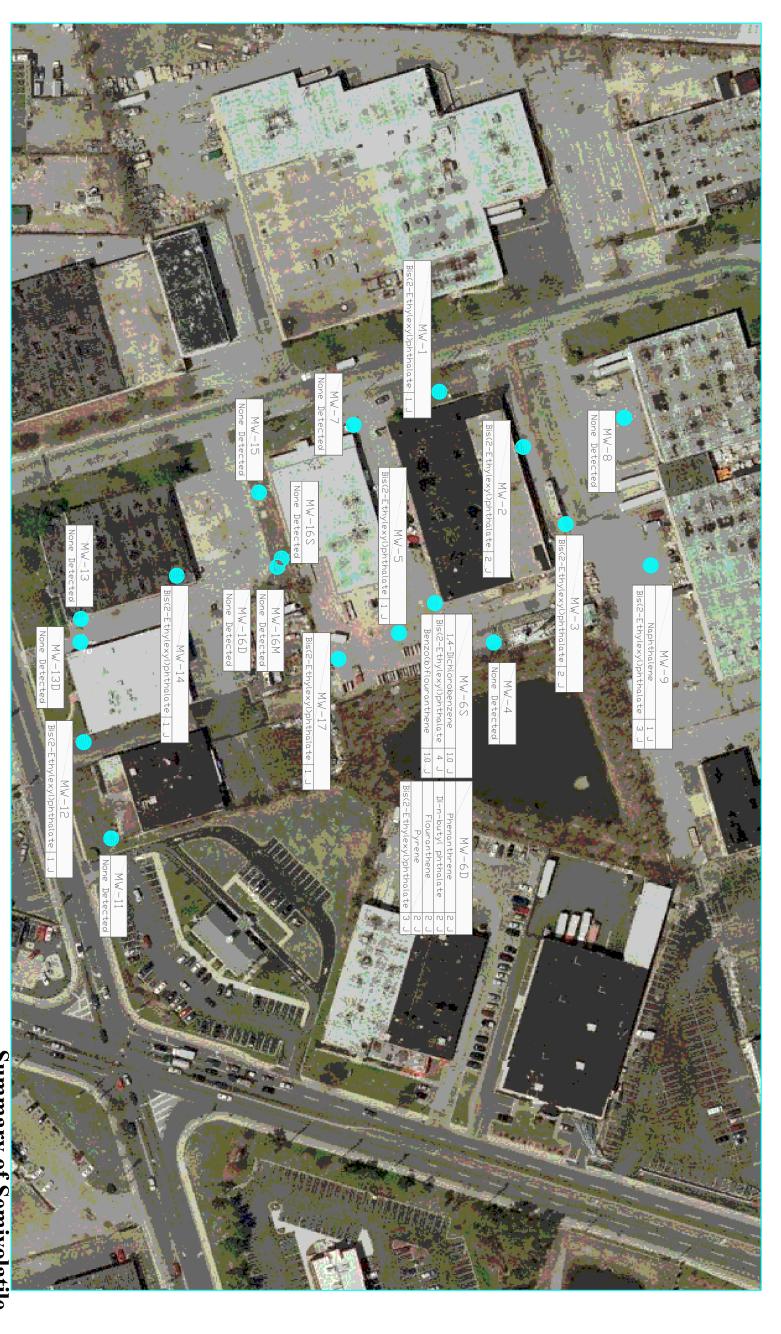
Summary of Volatile Organic Compounds in Groundwater - September 2006





Earth Tech

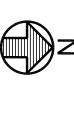
A **tyco** International Ltd. Company



Monitoring $\mathbb{V} \cong \mathbb{V}$ location

Note: All units in micrograms per liter (ug/L)

Organic Compounds in Groundwater - September 2006 ummary of Semivolatile

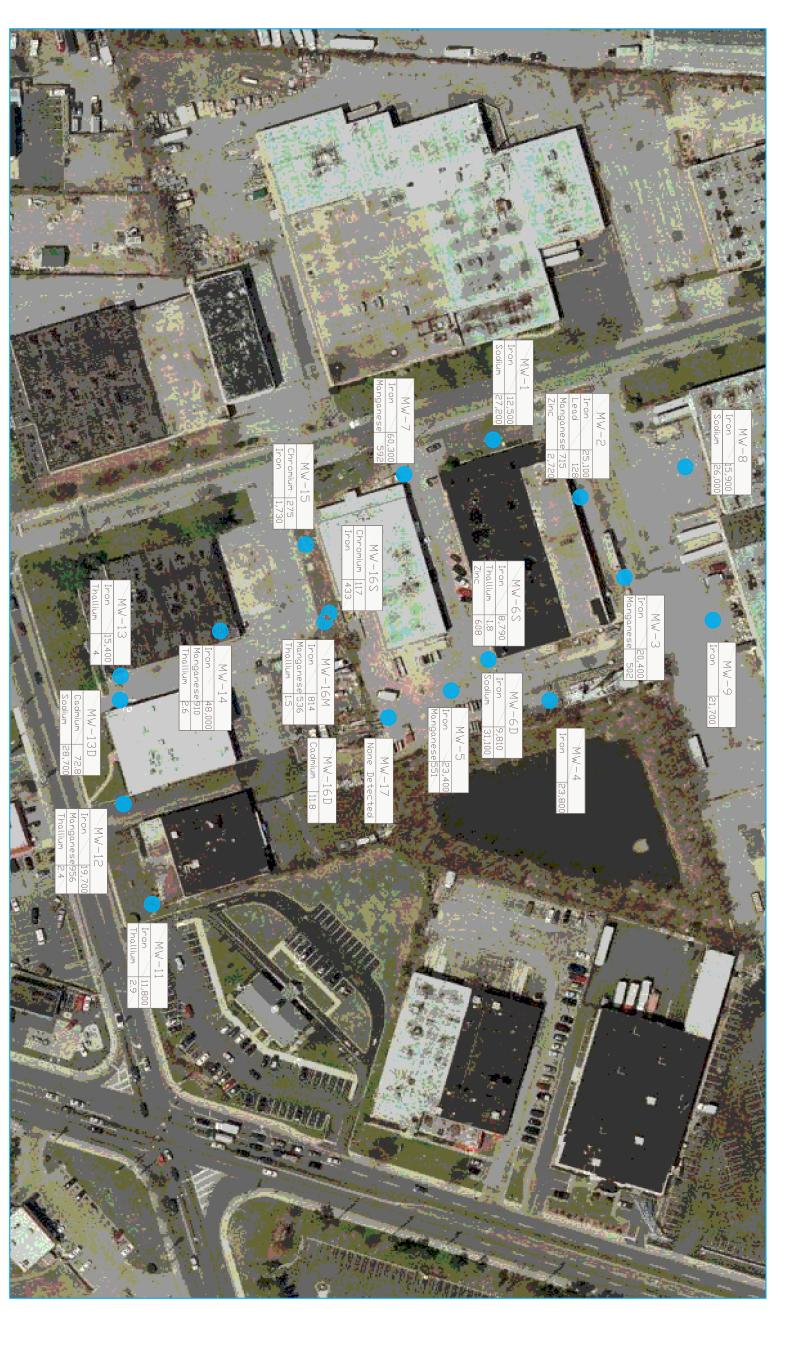


Multi Site G 95900.02 F

Figure 4



A **tyco** International Ltd. Company EarthTech



Monitoring well location

Note: All units in micrograms per liter (ug/L)

Groundwater - September 2006 Summary of TAL Metals in





EarthTech

A **tyco** International Ltd. Company

Multi Site G 95900.02 PMG NAME

SMS Instruments SOUE As Shown Figure 5

APPENDIX A

WELL SAMPLING FORMS – ROUND 2 (SEPTEMBER 2006)



A **tuco** International Ltd. Company

_		ernational Ltd.		PROJECT			PROJECT No.	SHEET SHEETS			
WELL	SAMP	LING FOR	RM	SMS			95900-02	1 of 1			
LOCATION							DATE WELL STARTED DATE WELL COMPLETED				
Deer P	ark, N	<i>(</i>					9/12/2006 9/12/2006				
CLIENT						NAME OF INSPECTOR					
DRILLING	COMBANY					Mohalski signature of inspector					
DRILLING	COMPANT						SIGNATURE OF INSPECTOR				
ONE WELL	VOLUME :	:	1.8 galle	ons	WELL TD: 2	PUMP INTAK	(E DEPTH:				
	Depth to	Purge	I	FIELD MEAS	SUREMEN	ITS					
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REMA	ARKS			
10.00	(ft)	(ml/min)	(C)	(ms/cm)	- 0-	(ntu)	10511				
13:29			16.4	0.187	5.85	5.73	Initial pump - 105 Hz				
13:36			16	0.162	5.33	186	wv-1				
13:42			16.1	0.155	5.47	94.2	wv-2				
13:49			16.1	0.15	5.72	52.4	wv-3				
13:55			16.1	0.148	5.84	38.4					
14:00	18.51		16.1	0.146	5.88	31	sample				
	_										
Pump	ı ype:	Grandfos	3								
				oc :-							
Analyti	cal Par	ameters:	vocs,	SVOCs, T	AL Meta	IIS					



A **tyco** International Ltd. Company

PROJECT OAND INC. FORM							PROJECT No. SHEET SHEETS					
WELL SAMPLING FORM SMS							95900-02 1 of					
LOCATION						DATE WELL STARTED DATE WELL COMPLETED						
Deer P	ark, NY	<u>′ </u>				9/12/2006			9/12	2/2006		
CLIENT						NAME OF INSPECTOR				_		
DDU / ****							Derrick					
DRILLING	COMPANY					SIGNATURE OF INSPECTOR						
ONE WELL	VOLUME :		1.7		WELL TD:	28.2	PUMP INTAI	KE DEPTH:				
	Depth to	Purge	F	TELD MEAS	SUREMEN	ITS						
Time	Water	Rate	Temp.	Conduct.	pH Turbidity		REM	ARKS				
	(ft)	(ml/min)	(C)	(ms/cm)		(ntu)						
3:00			17.29	0.254	6.99	777	157 Hz					
		-2	17.78	0.242	6.67	244	140 Hz					
		-1.5	17.89	0.242	6.68	37.7	115 Hz					
			17.7	0.232	6.6	0.9						
3:40			18.4	0.25	6.7	135						
Pump '	Type:											
Analyti	cal Para	ameters:	VOCs, S	SVOCs, T	AL Meta	ls						



				PROJECT			PROJECT No.	SHEET SHEETS			
WELL	SAMP	LING FOR	RM SMS				95900-02	1 of 1			
Deer F	ark, N	(DATE WELL STARTED 9/12/2006 DATE WELL COMPLETED 9/12/2006 NAME OF INSPECTOR					
DRILLING	COMPANY					Mohalski signature of inspector					
ONE WELL	VOLUME:	:	1.44		WELL TD:	PUMP INTAKE DEPTH:					
	Depth to Purge			TELD MEAS	SUREMEN	NTS					
Time	Water (ft)	Rate (ml/min)	Temp. (C)	Conduct. (ms/cm)	pН	Turbidity (ntu)	REMARK	is .			
8:32		Bail	17.56	0.239	5.65	270	Initial				
8:42			17.4	0.256	5.98	650	wv-1				
8:53			17.3	0.264	6.12	419	wv-2				
9:04			17.09	0.266	6.24	420	wv-3				
9:32 9:55			16.28 19.06	0.274 0.286	6.33 6.38	171 120					
10:15			19.06	0.289	6.4	95	sample				
10.13			19.12	0.209	0.4	93	Sample				
						<u> </u>	<u> </u>				
Pump	Type:										
۷۲	. , , , , ,										
Analyti	cal Par	ameters:	VOCs, S	SVOCs, T	AL Meta	als					



WELL NO. MW-4 A **tyco** International Ltd. Company SHEET SHEETS PROJECT PROJECT No. SMS WELL SAMPLING FORM 95900-02 1 1 DATE WELL STARTED DATE WELL COMPLETED Deer Park, NY 9/12/2006 9/12/2006 CLIENT NAME OF INSPECTOR Mohalski DRILLING COMPANY SIGNATURE OF INSPECTOR 7.8 gallons 29.45 ONE WELL VOLUME : WELL TD: PUMP INTAKE DEPTH: FIELD MEASUREMENTS Depth to Purge Turbidity Time Water Conduct. **REMARKS** Rate Temp. (ft) (ml/min) (C) (ms/cm) (ntu) 6.99 173 Initial 11:28 1.6 21.51 0.212 11:33 1.6 22.25 0.204 6.99 0 wv-1 11:39 1.9 22.36 0.2 6.81 0 wv-2 11:44 22.36 0.198 6.83 0 wv-3 1:40 17.97 22.38 0.198 6.88 0 had to wait for water to clear

Pump Type: Grandfos

Analytical Parameters: VOCs, SVOCs, TAL Metals



_		ernational Ltd.		PROJECT			PROJECT No.	SHEET SHEETS		
WELL	SAMP	LING FO	ORM SMS				95900-02	1 оғ 1		
LOCATION	ark, N	/				DATE WELL STARTED DATE WELL COMPLETED 9/11/2006 9/11/2006				
CLIENT	ain, ivi	l				NAME OF INSPECTOR	3/11/2000			
						Mohalski				
DRILLING	COMPANY					SIGNATURE OF INSPECTOR				
ONE WELL	. VOLUME :	:	1.9 gallo	ons	WELL TD:	PUMP INTAKE DEPTI	Н:			
	Depth to	Purge	ı	FIELD MEASUREMENTS						
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REMARKS			
111110	(ft)	(ml/min)	(C)	(ms/cm)	pii	(ntu)	KEMAKKO			
15:38	(,	Bail	19.31	0.145	6.54	295	Bail-Initial			
15:51			18.32	0.136	6.61	305	1 wv			
14:02			16.37	0.134	6.55	459	2 wv			
14:28			17.85	0.132	6.62	225	3 wv			
15:12	16.41		17.06	0.133	6.6	72	sample			
				01100						
						<u> </u>				
Pump	Type:									
p	. , , , , .									
Analyti	cal Par	ameters:	VOCs,	SVOCs, T	AL Meta	ıls				



WELL NO. MW-6

A **tyco** International Ltd. Company SHEET SHEETS PROJECT PROJECT No. SMS WELL SAMPLING FORM 95900-02 1 1 DATE WELL STARTED DATE WELL COMPLETED Deer Park, NY 9/11/2006 9/11/2006 CLIENT NAME OF INSPECTOR Mohalski DRILLING COMPANY SIGNATURE OF INSPECTOR 1.6 gallons ONE WELL VOLUME: WELL TD: PUMP INTAKE DEPTH: FIELD MEASUREMENTS Depth to Purge Turbidity Time Water Temp. Conduct. **REMARKS** Rate (ft) (ml/min) (C) (ms/cm) (ntu) 6.36 138 9:40 16.15 NA 18.5 0.392 Bail 409 9:47 16.15 NA 19 0.322 6.43 314 9:54 16.15 NA 18.8 0.289 6.38 9:59 16.15 NΑ 18.8 0.291 6.38 430 12:00 16.15 NA 19.1 0.301 6.4 25 sample Pump Type: Bail Analytical Parameters: Broken-no bolts



A LY		ernational Ltd.	Company	IDD A IEOT			Inna 1507 N	IOUEET OUEETO	
WEI I	CAMD	LING FOR	DМ	PROJECT			PROJECT №. 95900-02	SHEET SHEETS 1 OF 1	
LOCATION	SAIVIF	LING FOR	ZIVI					DATE WELL COMPLETED	
	nstrume	ents					9/11/2006		
CLIENT	ioti di iic	7110					NAME OF INSPECTOR	5,11,2000	
NYSDE							Haffner		
DRILLING	COMPANY						SIGNATURE OF INSPECTOR		
ONE WELL	. VOLUME :	:	51.4		WELL TD:		PUMP INTAKE DEPTH:		
	Depth to	Purge	F	FIELD MEAS	SUREMEN	NTS			
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REM	ARKS	
111110	(ft)	(ml/min)	(C)	(ms/cm)	pii	(ntu)	I KEM	ARRO	
11:12	(1.1)	146	14.79	0.29	6.81	204			
11:48		147	14.09	0.341	6.96	172			
12:24		147	14.02	0.34	6.25	381			
13:24		100	14042	0.345	6.24	164			
13.24	16.1	100	14042	0.545	0.24	104			
	10.1								
		_							
Pump	Туре:	Grandfos	Pump						
						_			
Analyti	cal Par	ameters:	VOCs, S	SVOCs, T	AL Meta	als			



_		ernational Ltd.		PROJECT			PROJECT No.	SHEET SHEETS	
WELL	SAMP	LING FOR	RM				95900-02	1 of 1	
LOCATION		,						DATE WELL COMPLETED	
Deer F	Park, N	<u>′</u>					9/11/2006 NAME OF INSPECTOR	9/11/2006	
NYSDI	EC.						Derick		
DRILLING	COMPANY						SIGNATURE OF INSPECTOR		
ONE WELL	VOLUME :	:			WELL TD:	28.36	PUMP INTAKE DEPTH:		
	Depth to	Purge	i	FIELD MEAS	SUREMEN	ITS			
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REMA	ARKS	
	(ft)	(ml/min)	(C)	(ms/cm)	ρ	(ntu)			
3:27	(,	(,	18.7	0.407	6.2	664			
3:33			18.9	0.297	6.15	336			
0.00			17.7	0.3	6.14	267			
			17.5	0.293	6.16	170			
5:45			18.1	0.291	6.13	72.2	sample at 545, water hard	to clear	
0.40			10.1	0.201	0.10	12.2	Sample at 040, water hard	to olear	
							•		
Pump	Type:								
•	,,								
Analyti	cal Par	ameters:	VOCs,	SVOCs, T	AL Meta	ıls			



^		illativilai Ltu.	oompany	PROJECT			PROJECT No.		SHEET	SHEETS
WELL	SAMP	LING FOR	RM	ROULUI			95900-02		1 оғ	1
LOCATION				ı			DATE WELL STARTED		L COMPLETED	4 (0000
Deer P	ark, N	<u>/</u>					9/11/2006 NAME OF INSPECTOR	<u> </u>	9/1	1/2006
0							Derrick			
DRILLING	COMPANY						SIGNATURE OF INSPECTOR			
ONE WELL	. VOLUME :	:	21.64		WELL TD:	29.05				
	Depth to	Purge	ı	FIELD MEAS	SUREMEN	ITS				
Time	Water	Rate	Temp.	Conduct.	рН			ARKS		
12:30	(ft) 16.22	(ml/min)	(C)	(ms/cm) 0.457	6.21	(ntu) 602				
12.30	10.22		18.9	0.464	6.39	487				
			18.5	0.405	6.24	185				
			18.8	0.3	6.24	195				
			18.2	0.319	6.29	64				
1:40			17.9	0.41	6.21	31				
Pump ¹	Type:									
p	. ,,,									
Analyti	cal Par	ameters:	VOCs,	SVOCs, T	AL Meta	ıls				



		inational Eta.		PROJECT			PROJECT No.	SHEET	SHEETS	
WELL	SAMPI	LING FOR	RM	SMS			95900-02	1 оғ	1	
LOCATION								DATE WELL COMPLETED		
Deer P	ark, NY	/					9/12/2006 NAME OF INSPECTOR	9/	12/2006	
NYSDE	-C						Haffner			
DRILLING							SIGNATURE OF INSPECTOR			
ONE WELL	. VOLUME :		2.1		WELL TD:	28.46	PUMP INTAKE DEPTH:			
	Depth to	Purge	ı	FIELD MEAS	SUREMEN	ITS				
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REM.	ARKS		
	(ft)	(ml/min)	(C)	(ms/cm)		(ntu)				
13:37		110.5	17.6	0.286	6.19	743	Initial 11:37 120.25 Hz			
13:53			17.6	0.267	5.97	78.7				
14:02			17.6	0.268	5.96	74.4				
14:19			17.6	0.267	5.95	44.6	Sample clarity; same as la	ast 3		
	15.35						sample time 1459			
				<u> </u>		1				
Pump ¹	Type:	Grandfos	Pump							
٦٢) I- 0.	J. 2								
Analyti	cal Par	ameters:	VOCs,	SVOCs, T	AL Meta	ıls				



<i></i>		mational Eta.		PROJECT			PROJECT No.	SHEET	SHEETS
WELL	SAMP	LING FOR		SMS			95900-02	1 оғ	1
LOCATION				•				DATE WELL COMPLETED	40/0000
Deer P	ark, N	<u> </u>					9/13/2006 NAME OF INSPECTOR	9/2	13/2006
NYSDE	EC						Mohalski		
	COMPANY						SIGNATURE OF INSPECTOR		
ONE WELL	. VOLUME :		20.4		WELL TD:	16.45	PUMP INTAKE DEPTH:		
	Depth to	Purge	F	FIELD MEAS	SUREMEN	ITS			
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REM	ARKS	
	(ft)	(ml/min)	(C)	(ms/cm)		(ntu)			
12:30		2	16.65	3.207	6.99	194			
12:41			16.58	3	6.88	1			
12:52			16.48	0.193	6.84	1.1			
13:03			16.67	0.195	6.8	3.5			
13:30	14.04								
								 	
								 	
Pump	Type:	Grandfos	Pump						
المحاديد!	ool Do-	om otoro:	\/OC- '	2\/OC- T	۸۱ maak-	do.			
Analyti	cai Par	ameters:	vocs, s	SVOCs, T	AL meta	115			



^	PROJECT						PROJECT No.	SHEET SHEETS
WELL	SAMP	LING FOF	RM	SMS			95900-02	1 of 1
LOCATION							DATE WELL STARTED	DATE WELL COMPLETED
Deer P	ark, N	<u> </u>					9/14/2006 NAME OF INSPECTOR	9/14/2006
OLIEN I							Mohalski	
DRILLING	COMPANY						SIGNATURE OF INSPECTOR	
ONE WELL	. VOLUME :	:	20.1		WELL TD:	47.2	PUMP INTAKE	E DEPTH:
	Depth to	Purge		TELD MEAS				
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REMA	ARKS
14:00	(ft)	(ml/min)	(C)	(ms/cm) 0.152	6.84	(ntu) 146	Initial	
14:10			16.98	0.132	6.84	32.9	wv-1	
14:20			17.16	0.14	7.2	0	wv-2	
14:30			17.29	0.147	7.14	0	wv-3	
	16.3						sample	
								· ·
						<u> </u>		
		Grandfos		SVOCs, T	Al meta	ıls		
idiya	Jui I uli		. 5 5 6, (2.000, 1.				



_		ernational Ltd.		PROJECT			PROJECT No.	SHEET SHEETS	
WELL	SAMP	LING FOR	RM	SMS			95900-02	1 of 1	
LOCATION								ELL COMPLETED	
Deer F	ark, N	<u> </u>					9/13/2006	9/13/2006	
CLIENT							NAME OF INSPECTOR		
DDII I ING	COMPANY						Mohalski signature of inspector		
DRILLING	COMPANT						SIGNATURE OF INSPECTOR		
ONE WELI	VOLUME	:	18.2		WELL TD:	45.6	PUMP INTAKE DEPTH:		
	Depth to	Purge	ı	FIELD MEAS	SUREMEN	ITS			
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REMARKS		
111110	(ft)	(ml/min)	(C)	(ms/cm)	p	(ntu)	KEMAKKO		
8:19	(11)	(111711111)	15.41	0.312	6.38	244	Initial		
8:29			14.95	0.239	6.31	0	wv-1		
8:43			14.91	0.236	6.3	0	wv-1		
8:56			15.05	0.234	6.46	0	wv-2 wv-3		
0.30			15.05	0.234	0.40	U	sample 11:20		
							Sample 11.20		
						 			
						-			
						<u> </u>			
Dures -	T								
Pump	ı ype:								
المحاديد	ool Da-	om otoro:	VOC- 1	0V/00° T	۸۱ مه مهٔ	ulo.			
Analyti	cai Par	ameters:	voos,	SVOCs, T	AL meta	แร			



WELL NO. MW-13D

		omational Eta.		PROJECT			PROJECT No.	SHEET	SHEETS	
WFII	SAMP	LING FOR		SMS			95900-02	1 of	1	
LOCATION	I		X I V I	Olvio				ATE WELL COMPLETED		
Deer P	ark, N	′					9/13/2006		/2006	
CLIENT	•						NAME OF INSPECTOR			
							Mohalski			
DRILLING	COMPANY						SIGNATURE OF INSPECTOR			
ONE WELL	. VOLUME	:	54.4		WELL TD:	101.4	PUMP INTAKE DEPTH:			
	Depth to	Purge	F	FIELD MEAS	SUREMEN	NTS				
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REMAR	RKS		
	(ft)	(ml/min)	(C)	(ms/cm)	μ	(ntu)				
8:21	, ,	,	14.24	0.411	6.15	50	Initial			
8:37			14.25	0.353	6.38	0	wv-1			
9:45			15.02	0.363	6.2	0	wv-2			
10:43			15.4	0.374	6.28	19.3	wv-3			
							sample 11:00			
D	T	- الماد الماد ا	D							
Pump	ı ype:	Grandfos	rump							
Analyti	cal Par	ameters:	VOCs,	SVOCs, T	AL meta	als				



A tyco	International	Ltd.	Company
--------	---------------	------	---------

		mational Eta.		PROJECT			PROJECT No.		SHEET	SHEETS
WELL	SAMPI	LING FOR		SMS			95900-02		1 оғ	1
LOCATION							DATE WELL STARTED	DATE WE	ELL COMPLETED	
Deer P	ark, NY	<u> </u>					NAME OF INSPECTOR			
CLIENI							NAME OF INSPECTOR			
DRILLING (COMPANY						SIGNATURE OF INSPECTOR			
ONE WELL	VOLUME :				WELL TD:		PUMP INTAKE DEPTH:			
	Depth to	Purge	FIELD MEASUREMENTS			ITS				
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REMARKS			
	(ft)	(ml/min)	(C)	(ms/cm)	•	(ntu)				
15:04			16.65	6.87	0.351	519	Initial			
15:12			16.45	6.58	0.245	147	ww-1			
15:24			16.46	6.57	0.222	137	ww-2			
15:30			16.4	6.48	0.225	134	ww-3			
15:36			16.34	6.61	0.223	38.6				
	17.08									
		ļ								
Pump ⁻	Tvne:									
ı unip	ı ype.									
Analyti	cal Para	ameters:	VOCs, S	SVOCs, T	AL meta	ls				



~ - 4	PROJECT SMS						PROJECT No.	SHEET SHEE	
WELL	SAMP	LING FOF		SMS			95900-02	1 of 1	
LOCATION							DATE WELL STARTED	DATE WELL COMPLETED	
Deer P	ark, N	<u>r</u>					NAME OF INSPECTOR		
DRILLING	COMPANY						SIGNATURE OF INSPECTOR		
ONE WELL	. VOLUME	:	12.3		WELL TD:	36.3	PUMP INTAKE DEPTH: 34		
	Depth to	Purge	F	FIELD MEAS	SUREMEN	ITS			
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REN	MARKS	
	(ft)	(ml/min)	(C)	(ms/cm)	•	(ntu)			
10:50			15.1	0.261	6.25	0	Start 10:49		
10:55		215.912	15.3	0.23	6.13	0	C)	
10:59			15.3	0.233	6.13	0			
11:03			15.3	0.24	6.13	0	Sample 11:45		
Pump [·]	Туре:	Grandfos	Pump						
Analyti	cal Par	ameters:	VOCs, S	SVOCs, T	AL meta	ıls			



WELL NO. MW-16S

		mational Eta.		PROJECT			PROJECT No.	SHEET	SHEETS	
WELL	SAMP	LING FOF	RM	SMS			95900-02	1 оғ	1	
LOCATION	l		****	00				DATE WELL COMPLETED		
Deer P	ark, N	1					9/12/2006	9/	/12/2006	
CLIENT							NAME OF INSPECTOR			
DRILLING	COMPANY						SIGNATURE OF INSPECTOR			
ONE WELL	VOLUME	:	12.5		WELL TD:	36.5	римр інтаке дертн: 34			
	Depth to	Purge	ı	FIELD MEAS	SUREMEN	ITS				
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REM	ARKS		
	(ft)	(ml/min)	(C)	(ms/cm)		(ntu)				
8:39			16.5	0.396	6.27		119.01 Hz Start pump 8:37	7		
8:48			17.2	0.388	6.21	16.9	128.94 Hz			
8:58			17.3	0.395	6.2	0				
9:10		47.05	17.7	0.393	6.18	0				
		17.35	17.9	0.35	6.29	0				
						 				
]		1	ļ			
Pump '	Type:	Grandfos	Pump							
۷۲	. ,,, 0.	5.5.10.00	p							
Analyti	cal Par	ameters:	VOCs,	SVOCs, T	AL meta	als				



WELL NO. MW-16M

^		ernational Ltd.	Company	PROJECT			PROJECT No.	SHEET	SHEETS
WELL	SAMPI	LING FOR	RM	SMS			95900-02		F 1
LOCATION	I							ELL COMPLETE	
	ark, N	<u> </u>					9/12/2006		9/12/2006
CLIENT							NAME OF INSPECTOR		
DDII I ING	COMPANY						Derrick SIGNATURE OF INSPECTOR		
DKILLING	COMPANT						SIGNATURE OF INSPECTOR		
ONE WELI	VOLUME :		25.3		WELL TD:	56.38	PUMP INTAKE DEPTI	н: 452'	
	Depth to	Purge	ı	FIELD MEAS	SUREMEN	ITS			
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REMARKS		
Time	(ft)	(ml/min)	(C)	(ms/cm)	Pii	(ntu)	KEMAKKO		
8:36	(11)	(111711111)	15.14	1.24	6.36	45	pump at 150 Hz		
8:45			15.14	0.339	6	0	pump tuned to 220 at 840		
8:50			15.2	0.321	5.48	0	pump tuned to 220 at 040		
8:57			15.19	0.321	5.48	0	pump at 859		
9:40	17.74		15.19	0.313	6.16	0	pump at 659		
9.40	17.74		13.24	0.32	0.10	U			
Pump	Type:								
Analyti	cal Par	ameters:	VOCs,	SVOCs, T	AL meta	ıls			



WELL NO. MW-16D A **tyco** International Ltd. Company SHEET SHEETS PROJECT PROJECT No. SMS WELL SAMPLING FORM 95900-02 1 1 DATE WELL STARTED DATE WELL COMPLETED Deer Park, NY 9/13/2006 9/13/2006 CLIENT NAME OF INSPECTOR Derrick DRILLING COMPANY SIGNATURE OF INSPECTOR ONE WELL VOLUME : 38.4 76.45 WELL TD: PUMP INTAKE DEPTH: FIELD MEASUREMENTS Depth to Purge Time Water Conduct. Turbidity **REMARKS** Rate Temp. (ml/min) (ft) (C) (ms/cm) (ntu) 12.2 pump as 184 Hz, 200 Hz at 10:02, 5 gall/min 9:55 16.5 0.157 5.15 10:12 15.6 0.55 5.16 4.6 220 10:28 18.2 0.159 5.08 0 10:47 14.9 0.158 5.05 0 pump off 11:10 15.2 0.14 5.15 0 Pump Type: Analytical Parameters: VOCs, SVOCs, TAL metals



		mational Eta.		PROJECT			PROJECT No.	SHEET	SHEETS
WELL	SAMP	LING FOR	RM	I KOSEO I			95900-02	1 of	1
LOCATION	<u> </u>		****				DATE WELL STARTED	DATE WELL COMPLETED	
SMS							9/11/2006	9/1	11/2006
CLIENT	-0						NAME OF INSPECTOR		
NYSDE DRILLING							Haffner signature of inspector		
ONE WELL	. VOLUME :	:	12		WELL TD:	36	PUMP INTAK	ке дертн: 33	
	Depth to	Purge	F	FIELD MEAS	SUREMEN	ITS			
Time	Water	Rate	Temp.	Conduct.	рН	Turbidity	REM	ARKS	
	(ft)	(ml/min)	(C)	(ms/cm)		(ntu)			
15:26		150 Hz	17.66	0.128	6.12	58.9			
15:32		117 Hz	17.8	0.121	6.31	0			
15:43		119 Hz	17.74	0.119	6.44	0			
15:51		180	17.47	0.118	6.48	0			
16:02		129	17.52	0.119	6.6	0			
16:10			17.58	0.119	6.61	0			
								-	
				<u> </u>		-	•		
Pump ⁻	Type:	Grandfos	Pump						•
									•
Analyti	cal Par	ameters:	VOCs, S	SVOCs, T	AL meta	ıls			

APPENDIX B LABORATORY DATA SUMMARY PACKAGES (FORM Is)

Report of Laboratory Analyses for Earth Tech Northeast, Inc.

Client Project: SMS Instruments

Mitkem Work Order ID: E1376

October 2, 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 SMS Instruments project. Under this deliverable, analysis results are presented for eighteen aqueous samples that were received on September 12 and 13, 2006. Analyses were performed per specifications in the project's contract and the chain of custody forms, following discussions with the client. Sample Identifications were shortened where necessary due to limitations in data reporting software. 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 tetrachloroethene in V1SLCS.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample SMS-MW-6D. Spike recoveries and replicate RPDs were within the QC limits.

Sample analysis: no other unusual observation was made for the analysis.

3. Semivolatile Analysis:

Surrogate recovery: recoveries were within the QC limits with the exception of low recovery of 2,4,6-tribromophenol in sample SMS-MW-2.

Lab control sample: spike recoveries were within the QC limits with the exception of marginally high recovery of N-nitrosodiphenylamine.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample SMS-MW-6D. Spike recoveries were within the QC limits with the exception of low recovery 2,4-dimethylphenol in the matrix spike. Replicate RPDs were within the QC limits with the exception of 2,4-dimethylphenol.

Sample analysis: internal standard area counts were within QC criteria with the exception of sample SMS-MW-6D. No other unusual observation was made for the analysis.

4. Metals Analysis:

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

Matrix spike: matrix spike was performed on sample SMS-MW-6D. Spike recoveries were within the QC limits.

Duplicate: duplicate analysis was performed on sample SMS-MW-6D. Replicate RPDs were within the QC limits.

Sample analysis: serial dilution was performed on sample SMS-MW-6D. 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

10/02/06

ALKANE NARRATIVE REPORT Report date : 09/28/2006 SDG: ME1376

Client Sample ID: SMS-MW-1 Compound	Lab Sample ID: E1376- RT Est	16B . Conc.		S3D8189
Straight-chain Alkane	17.62	6	J	
Straight-chain Alkane	18.49	5	J	

WorkOrder: E1376
16/Sep/06 11:56
Mitkem Corporation

HC Due: 10/04/06 Fax Due: 09/27/06 Report Level: ASP-B EDD: CLF PO: D003821-41 Case: SDG: Project: SMS Instruments, 152026 Client ID: EARTH NJ Comments: N/A Location:

Sample ID	Client Sample ID	Collection Date Date Recv'd	d Matrix	Test Code	Lab Test Comments	Hold MS SEL Storage
E1376-01A	SMS-WW-6S	09/11/2006 12:00 09/12/2006	Aqueous	SW8260B_W		0 □ □ N0A
E1376-01B	SMS-MW-68	09/11/2006 12:00 09/12/2006	Aqueous	SW8270C_W		13
E1376-01C	SMS-MW-6S	09/11/2006 12:00 09/12/2006	Aqueous	SW6010B_W SW7470A	TAL	
E1376-02A	SMS-MW-8	09/11/2006 13:40 09/12/2006	Aqueous	SW8260B_W		0 voa
E1376-02B	SMS-MW-8	09/11/2006 13:40 09/12/2006	Aqueous	SW8270C_W		81
E1376-02C	SMS-MW-8	09/11/2006 13:40 09/12/2006	Aqueous	SW6010B_W SW7470A	TAL	E E C C C C C C C C C C
E1376-03A	SMS-MW-5	09/11/2006 15:12 09/12/2006	Aqueous	SW8260B_W		NoA
E1376-03B	SMS-MW-5	09/11/2006 15:12 09/12/2006	Aqueous	SW8270C_W		C C 13
E1376-03C	SMS-MW-5	09/11/2006 15:12 09/12/2006	Aqueous	SW6010B_W	TAL	—
Client Rep:	Client Rep: Agnes R Ng				Page	1 of 6

	3	•
	٤	٠
	ė	3
>	٠.	۳
-5	ı	2
•	•	言いでです
•	ď	٠
		۳.
,	_	٦
	3	4
	7	=
	ς	
٠	r	-
٠	÷	_
	đ	₹
	è	
	1	=
	Ç	_
	i	Ä
	ì	-
	ş	-
	i	-
	٠.	ヾ
()
•	٠.	•
		_
	S	
	ĭ	-
	¢	į١
	ï	7
	-	4
•	÷	_
•	۲	-
1		-
-	ö	•
	_	

ep/06 11:56

WorkOrder: E1376

Case: SDG: Project: SMS Instruments, 152026 Client ID: EARTH NJ Location:

PO: D003821-41

EDD: CLF HC Due: 10/04/06 Fax Due: 09/27/06 Report Level: ASP-B

Comm	Comments: N/A					Fax Due: 09/27/06
Sample ID	Client Sample ID	Collection Date Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold MS SEL Storage
E1376-03C	SMS-MW-5	09/11/2006 15:12 09/12/2006	Aqueous	SW7470A	TAL	□ □ □ M3
E1376-04A	SMS-MW-17	09/11/2006 16:18 09/12/2006	Aqueous	SW8260B_W		0 D V0A
E1376-04C	SMS-MW-17	09/11/2006 16:18 09/12/2006	Aqueous	SW6010B_W	TAL	E □
				SW7470A	TAL	□ □ □ M3
E1376-05A	SMS-MW-6D	09/11/2006 13:40 09/12/2006	Aqueous	SW8260B_W		O □ VOA
E1376-05B	SMS-MW-6D	09/11/2006 13:40 09/12/2006	Aqueous	SW8270C_W		
E1376-05C	O9-MM-SMS	09/11/2006 13:40 09/12/2006	Aqueous	SW6010B_W	TAL	M M
				SW7470A	TAL	☐ [K] ☐ M3
E1376-06A	SMS-MW6DA	09/11/2006 13:45 09/12/2006	Aqueous	SW8260B_W		□ □ voa
E1376-06B	SMS-MW6DA	09/11/2006 13:45 09/12/2006	Aqueous	SW8270C_W		EI [] []
E1376-06C	SMS-MW6DA	09/11/2006 13:45 09/12/2006	Aqueous	SW6010B_W	TAL	
Client Rep	Client Rep: Agnes R Ng				Pa	Page 2 of 6

16/Sep/06 11:56

WorkOrder: E1376

Project: SMS Instruments, 152026 Client ID: EARTH_NJ Location:

Comments: N/A

PO: D003821-41 Case: SDG:

HC Due: 10/04/06 Fax Due: 09/27/06 Report Level: ASP-B EDD: CLF

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold MS SEL Storage
E1376-06C	SMS-MW6DA	09/11/2006 13:45	09/12/2006	Aqueous	SW7470A	TAL	□ □ ™3
E1376-07A	SMS-MW17A	09/11/2006 17:45 09/12/2006	09/12/2006	Aqueous	SW8260B_W		
E1376-07B	SMS-MW17A	09/11/2006 17:45 09/12/2006	09/12/2006	Aqueous	SW8270C_W		
E1376-07C	SMS-MW17A	09/11/2006 17:45 09/12/2006	00/12/2006	Aqueous	SW6010B_W	TAL	
					SW7470A	TAL	□ □ M3
E1376-08A	SMS-TB-1	09/11/2006 00:00 09/12/2006	09/12/2006	Aqueous	SW8260B_W		0 0 NOA
E1376-09A	SMS-MW16S	09/12/2006 09:55 09/13/2006	09/13/2006	Aqueous	SW8260B_W		□ □ voA
E1376-09B	SMS-MW16S	09/12/2006 09:55	09/13/2006	Aqueous	SW8270C_W		13
E1376-09C	SMS-MW168	09/12/2006 09:55	09/13/2006	Aqueous	SW6010B_W SW7470A	TAL	
E1376-10A	SMS-MW16M	09/12/2006 09:40 09/13/2006	09/13/2006	Aqueous	SW8260B_W		□ □ voa
Client Rep.	Client Rep: Agnes R Ng					a.	Page 3 of 6

WorkOrd	
16/Sep/06 11:56	
Mitkem Corporation	

Comments: N/A Client ID: EAF Project: SMS Location:

Corporation		$I^{(i)}$	1/dəS/9	16/Sep/06 11:56	Worl	WorkOrder: E1376
D: EARTH_NJ ect: SMS Instruments, 152026 on: nts: N/A			Case: SDG: PO:	ase: DG: PO: D003821-41	Re	Report Level: ASP-B EDD: CLF HC Due: 10/04/06 Fax Due: 09/27/06
Client Sample ID	Collection Date Date	te Recv'd	Matrix	Test Code	Lab Test Comments	Hold MS SEL Storage
SMS-MW16M	09/12/2006 09:40 09/13/2006	13/2006	Aqueous	SW8270C_W		El 🗆 🗆
SMS-MW16M	09/12/2006 09:40 09/13/2006	13/2006	Aqueous	SW6010B_W	TAL	
				SW7470A	TAL	□ □ M3
SMS-MW-15	09/12/2006 11:45 09/13/2006	13/2006	Aqueous	SW8260B_W		□ □ voA
SMS-MW-15	09/12/2006 11:45 09/13/2006	13/2006	Aqueous	SW8270C_W		
SMS-MW-15	09/12/2006 11:45 09/13/2006	13/2006	Aqueous	SW6010B_W	TAL	☐ ☐ M3
				SW7470A	TAL	□ □ ™3
SMS-MW-3	09/12/2006 10:45 09/13/2006	13/2006	Aqueous	SW8260B_W		□ □ voA

E1376-11A

E1376-11B

E1376-11C

E1376-10B

Sample ID

E1376-10C

4 of 6 Page

M3

TAL TAL

Aqueous SW6010B_W

09/12/2006 10:45 09/13/2006

SMS-MW-3

E1376-12C

SW7470A

13

Aqueous SW8270C_W

09/12/2006 10:45 09/13/2006

SMS-MW-3

E1376-12B

E1376-12A

M3

Client Rep: Agnes R Ng

Corporation 16/Sep/06 11:56 WorkOrder: E1376	Report Level: ASP-B Project: SMS Instruments, 152026 EDD: CLF Project: SMS Instruments, 152026 EDD: CLF Project: SMS Instruments, 152026 CLF Project: SMS Instruments, 152026 HC Due: 10/04/06 Project: N/A Fax Due: 09/27/06
Mitkem Corporation	Client ID: EARTH_NJ Project: SMS Instrum Location: Comments: N/A

Sample ID	Client Sample ID	Collection Date Date	te Recv'd	Matrix	Test Code	Lab Test Comments	Hold MS SEL Storage
E1376-13A	SMS-MW-3A	09/12/2006 10:20 09/1	13/2006	Ądneons	SW8260B_W		VOA □ □ □
E1376-13B	SMS-MW-3A	09/12/2006 10:20 09/1	13/2006	Aqueous	SW8270C_W		11
E1376-13C	SMS-MW-3A	09/12/2006 10:20 09/1	13/2006	Aqueous	SW6010B W	TAL	S
					SW7470A	TAL	
E1376-14A	SMS-MW-4	09/12/2006 13:40 09/13/2006	13/2006	Aqueous	SW8260B_W		40v 🗆 🗆
E1376-14B	SMS-MW-4	09/12/2006 13:40 09/13/2006	13/2006	Aqueous	SW8270C_W		81
E1376-14C	SMS-MW-4	09/12/2006 13:40 09/	09/13/2006	Aqueous	SW6010B W	TAL	
				,	SW7470A	TAL	Ì
E1376-15A	SMS-MW-9	09/12/2006 14:59 09/	09/13/2006	Aqueous	SW8260B_W		40V 🗆 🗆
E1376-15B	8MS-MW-9	09/12/2006 14:59 09/	09/13/2006	Aqueous	SW8270C W		

Client Rep: Agnes R Ng

5 of 6 Page

Mitkem Corporation

16/Sep/06 11:56

WorkOrder: E1376

Project: SMS Instruments, 152026 Client ID: EARTH N Location:

Comments: N/A

PO: D003821-41 Case: SDG:

HC Due: 10/04/06 Fax Due: 09/27/06 Report Level: ASP-B EDD: CLF

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold MS SEL Storage
E1376-15C	SMS-MW-9	09/12/2006 14:59	09/13/2006	Aqueous	SW6010B_W	TAL	M3
					SW7470A	TAL	□ □ M3
E1376-16A	SMS-MW-1	09/12/2006 15:00 09/13/2006	09/13/2006	Aqueous	SW8260B_W		□ □ □ voA
E1376-16B	SMS-MW-1	09/12/2006 15:00	09/13/2006	Aqueous	SW8270C_W		81
E1376-16C	SMS-MW-1	09/12/2006 13:00 09/13/2006	09/13/2006	Aqueous	SW6010B_W	TAL	
					SW7470A	TAL	
E1376-17A	SMS-MW-2	09/12/2006 15:40 09/13/2006	09/13/2006	Aqueous	SW8260B_W		AOV 🗆 🗆
E1376-17B	SMS-MW-2	09/12/2006 15:40 09/13/2006	09/13/2006	Aqueous	SW8270C_W		SI
E1376-17C	SMS-MW-2	09/12/2006 15:40	09/13/2006	Aqueous	SW6010B_W	TAL	⊠ M3
					SW7470A	TAL	□ □ □ M3
E1376-18A	SMS-TB2	09/12/2006 00:00	09/13/2006	Aqueous	SW8260B_W		VOA 🗆 🗆

Client Rep: Agnes R Ng

6 of 6

Page

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-1

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-16A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6E5989

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: not dec.

Date Analyzed: 09/14/06

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

· · · · · · · · · · · · · · · · · · ·		
75-71-8Dichlorodifluoro	omethane 5	U
74-87-3Chloromethane	5	ជ
75-01-4Vinyl Chloride		Ü
74-83-9Bromomethane	5	l n
75-00-3Chloroethane	5 5	Ü
75-69-4Trichlorofluoror	methane 5	ש
75-35-41,1-Dichloroethe	methane 5 ene 5	lΰ
67-64-1Acetone		שׁ
74-88-4Iodomethane		ü
75-15-0Carbon Disulfide		מ
75-09-2Methylene Chlori	1de 5	שׁו
156-60-5trans-1,2-Dichlo	oroethere	שׁ
1634-04-4Methyl tert-buty	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Ü
75-34-31.1-Dichloroetha	ane 4	J
108-05-4Vinyl acetate		שׁ
78-93-32-Butanone		ט
156-59-2cis-1,2-Dichloro	nethene 5	Ū
590-20-72,2-Dichloroprop	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	שׁ
74-97-5Bromochlorometha	ane 5	ָט ע
67-66-3Chloroform		Ü
71-55-61,1,1-Trichloroe	ethane	ט ט
563-58-61,1-Dichloroprop	pene 5	ט ט
56-23-5Carbon Tetrachlo	pene 5 pride 5	Ü
107-06-21, 2-Dichloroetha	ane	ט
71-43-2Benzene	ane5	ซ
79-01-6Trichloroethene	5	ש
78-87-51,2-Dichloroprop	pane5	מ
74-95-3Dibromomethane	5	ט ט
75-27-4Bromodichloromet	hane	Ū
10061-01-5cis-1.3-Dichloro	ppropere	Ū
108-10-14-Methyl-2-penta	inone5	Ü
108-88-3Toluene		
10061-02-6trans-1,3-Dichlo	propropene 5	Ū
79-00-51,1,2-Trichloroe	ethane 5	Ü
_, _,		J

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-1 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-16A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E5989 Level: (low/med) LOW Date Received: 09/13/06

% Moisture: not dec. _____ Date Analyzed: 09/14/06

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 142-28-9-----1,3-Dichloropropane 5 | U 127-18-4-----Tetrachloroethene 5 Ü 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 T ----m, p-xylene 5 U 95-47-6------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 55555555555 U 108-67-8-----1,3,5-Trimethylbenzene U 106-43-4----4-Chlorotoluene U 98-06-6----tert-Butylbenzene U 95-63-6-----1,2,4-Trimethylbenzene U 135-98-8----sec-Butylbenzene U 99-87-6----4-Isopropyltoluene U 541-73-1-----1,3-Dichlorobenzene U 106-46-7----1,4-Dichlorobenzene U 104-51-8----n-Butylbenzene U 95-50-1-----1,2-Dichlorobenzene U 96-12-8-----1,2-Dibromo-3-chloropropane 5 U 5 U 5 120-82-1-----1,2,4-Trichlorobenzene 87-68-3-----Hexachlorobutadiene 91-20-3-----Naphthalene 5 | U 87-61-6-----1,2,3-Trichlorobenzene 5 | 17

FORM I VOA

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

						ا م	MS-MW-1
Lab	Name:	MITKEM	CORPORATION	T Co	ntract:		1,783 1,714 T

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E5989

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: not dec. ____ Date Analyzed: 09/14/06

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		<u> </u>	İ	ļ
2.		ļ	 -	
* •			·	
5.				
6.				
, , , , , , , , , , , , , , , , , , ,				
	<u> </u>			
10.				
44.				
	•			
15.				
Τ0.				
l ala f a				
18.		 ,		
20			·	
				
44.				
43.				
24.				
25		i		
26				
27. 28.				
29.				
30			· · · · · · · · · · · · · · · · · · ·	
		·		·

FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-15

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-11A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V1H8601

Level: (low/med)

LOW

% Moisture: not dec.

Date Received: 09/13/06

Date Analyzed: 09/14/06

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

·		dg/rg/ og/H	× .
75-71-8	Dichlorodifluoromethane		5 U
74-87-3	Chloromethane		
75-01-4	Vinvl Chloride		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
74-83-9	Bromomethane		5 U
75-00-3	Chloroethane	······································	5 0
75-69-4	Trichlorofluoromethane		שוב
75-35-4	1,1-Dichloroethene		שׁוֹב
67-64-1	Acetone		5 U
74-88-4	Iodomethane		รี่ บั
75-15-0	Carbon Disulfide	 ;	5 Ŭ
75-09-2	·Methylene Chloride	 ;	<u>שׁל</u>
156-60-5	trans-1.2-Dichloroethene		5 U
1634-04-4	Methvl tert-butvl ether		<u>שׁ</u>
- / D - 34 - ジ	·1.1-Dichloroethane		ט פ
108-05-4	Vinyl acetate		5 U 5 U 5 U
78-93-3	·2-Butanone		รี ซึ่
156-59-2	cis-1,2-Dichloroethene		บี
590-20-7	·2.2-Dichloropropane		<u>שׁ</u>
74-97-5	Bromochloromethane	<u> </u>	Ū
67-66-3	·Chloroform		שׁוֹב
71-55-6	1,1,1-Trichloroethane		<u>שׁל</u>
563-58-6	1.1-Dichloropropene		បី
56-23-5	Carbon Tetrachloride	 	ซี
107-06-2	1,2-Dichloroethane		ซี
71-43-2	Benzene		שׁ
79-01-6	Trichloroethene		U
78-87-5	1,2-Dichloropropane		סו
74-95-3	Dibromomethane	 5	ទ ប
75-27-4	Bromodichloromethane		ប
10061-01-5	cis-1,3-Dichloropropene		ับ
108-10-1	4-Methyl-2-pentanone		ָּט ט
108-88-3	Toluene		Ü
10061-02-6	trans-1,3-Dichloropropene		Ü
79-00-5	1,1,2-Trichloroethane	_	ប

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-15

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-11A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8601

Level: (low/med) LOW

Soil Extract Volume: ____(uL)

Date Received: 09/13/06

% Moisture: not dec.

GC Column: DB-624 ID: 0.25 (mm)

Date Analyzed: 09/14/06

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

CAS NO.

COMPOUND

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

		n or ag/ng/	0 0 /11 Q
142-28-9	1,3-Dichloropropane		5 U
127-18-4	·Tetrachloroethene		
591-78-6	2-Hexanone		555555555555555555555555555555555555555
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-Tetrachloroet	hane	รี ซึ
100-41-4	Ethylbenzene		5 U
	m.p-Xvlene		5 U
95-47-6	o-Xvlene		5 0
1330-20-7	Xvlene (Total)		5 U
100-42-5	Styrene		รี ซ
75-25-2	Bromoform	-	รี ซ
98-82-8	Isopropylbenzene		รีไซ็
79-34-5	1.1.2.2-Tetrachloroet	hane	รี ซ
108-86-1	Bromobenzene		5 ซ
96-18-4	1.2.3-Trichloropropand	e	5 TI
エクスークシーエーーーー	n-Propy benzene		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
95-49-8	2-Chlorotoluene		รี บั
108-67-8	1.3.5-Trimethylbenzen	e	ร บ
106-43-4	4-Chlorotoluene		รีโซ
98-06-6	tert-Butylbenzene		5 0
95-63-6	1,2,4-Trimethylbenzene	=	รีโซ็
135-98-8	sec-Butvlbenzene		5 บั
99-87-6	4-Isopropyltoluene	·	5 บั
541-73-1	1.3-Dichlorobenzene		รี บ
106-46-7	1.4-Dichlorobenzene		5 ซ
104-51-8	n-Butylbenzene		5 U
95-50-1	1.2-Dichlorobenzene		5 บั
96-12-8	1.2-Dibromo-3-chloropi	ropane	5 "
120-82-1	1,2,4-Trichlorobenzene	e ⁻ -	5 U 5 U
87-68-3	Hexachlorobutadiene		5 U
91-20-3	Naphthalene		5 U 5 U
87-61-6	1,2,3-Trichlorobenzene	3	5 11

1EVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS	-MW-	15
	7.11.1	

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-11A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8601

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: not dec.

Date Analyzed: 09/14/06

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) uq/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
			=========	=====
1		ļ 	l ————	
2				·
3		ļ 		Í
4. 5.				
6		···	<u> </u>	ļ
7				
~ *		 -		
<i></i>				
			·	
4.4.		-		
		***		'
	· · · · · · · · · · · · · · · · · · ·		·	
				
18.				
19.				-
20.				
44.				
43.				
24.				
25.				
26.				
41.				
28.				
29. 30.			,	
·———				
		,		

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW16M

Lab Name: MITKEM CORPORATION

Contract:

Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-10A

Sample wt/vol:

Lab Code: MITKEM

5.000 (g/mL) ML

Lab File ID: V1H8600

Level:

(low/med) LOW

Date Received: 09/13/06

% Moisture: not dec.

Date Analyzed: 09/14/06

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

	· · · · · · · · · · · · · · · · · · ·		
7571-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	lū
75-01-4	Vinyl Chloride	5	Ü
74-83-9	Bromomethane		111
75-00-3	Chloroethane	5 5	ប
75-69-4	Trichlorofluoromethane	5	ϋ
75-35-4	1,1-Dichloroethene	5	T
67-64-1	Acetone	5	l u
74-88-4	Iodomethane	5	ΙŪ
75-15-0	Carbon Disulfide	5	Ū
75-09-2	Methylene Chloride	5	lπ .
156-60-5	trans-1.2-Dichloroethene	5	Ι υ
1634-04-4	Methyl tert-butyl ether	5 5 5 5 5 5 5 5 2 5	Ĵ
75-34-3	1,1-Dichloroethane	5	ט l
108-05-4	Vinyl acetate	5	שׁ
78-93-3	2-Butanone	5	Ū
156-59-2	cis-1,2-Dichloroethene	5	บั
590-20-7	2,2-Dichloropropane	5	ָ <u>.</u>
74-97-5	Bromochloromethane	5	Ü
67-66-3	Chloroform	5	υ
71-55-6	1,1,1-Trichloroethane	5	Ü
563-58-6	1,1-Dichloropropene		บ
56-23-5	Carbon Tetrachloride	5	Ū
107-06-2	1,2-Dichloroethane	5	Ü
71-43-2	Benzene	5	ָ װ
79-01-6	Trichloroethene	5	Ū
78-87-5	1,2-Dichloropropane	55555555555	שׁוֹ
74-95-3	Dibromomethane	5	ן שׁ
	Bromodichloromethane	5	ן שׁ
10061-01-5	cis-1,3-Dichloropropene	5	υ
108-10-1	4-Methyl-2-pentanone	5	ប៊
108-88-3	Toluene	5 5	ו שׁ
10061-02-6	trans-1,3-Dichloropropene	5	ן ש
79-00-5	1,1,2-Trichloroethane	5	lπ
			I

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW16M

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-10A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID:

V1H8600

Level:

(low/med) LOW

Date Received: 09/13/06

% Moisture: not dec. _____

CAS NO.

Date Analyzed: 09/14/06

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: ____(uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

	•	
142-28-91,3-Dichloropropane	5	ש
127-18-4Tetrachloroethene	5	ט ען
591-78-62-Hexanone	5	۳
124-48-1Dibromochloromethane	5	Ü
106-93-41,2-Dibromoethane	5 5	ט
108-90-7Chlorobenzene	ן נו	บั
630-20-61,1,1,2-Tetrachloroethane	ן וו	ָ ט
100-41-4Ethylbenzene	2	ט
m,p-Xylene	ן ב	ซื
95-47-6O-Xylene	2	Ū
1330-20-7Xylene (Total)	שר	ט
100-42-5Styrene	ם כ	ט
75-25-2Bromoform	ו	ט
98-82-8Isopropylbenzene	មា ម	ט
79-34-51,1,2,2-Tetrachloroethane	ור	Ü
108-86-1Bromobenzene	ว บ	ש
96-18-41,2,3-Trichloropropane	5	ט
103-65-1n-Propylbenzene	ם מ	ש
95-49-82-Chlorotoluene	ם ב	ם
108-67-81,3,5-Trimethylbenzene	3	ם
106-43-44-Chlorotoluene	ם	ש
98-06-6tert-Butylbenzene) -	υ
95-63-61,2,4-Trimethylbenzene	ם ט	ប
135-98-8sec-Butylbenzene) =	บ
99-87-64-Isopropyltoluene) :	ט ט
541-73-11,3-Dichlorobenzene	ם ב	ט
106-46-71,4-Dichlorobenzene	5 5	U
104-51-8n-Butylbenzene	ם בי	U
95-50-11,2-Dichlorobenzene	ភ ភ	ָ ט
96-12-81,2-Dibromo-3-chloropropane	n 5	ָ ט
120-82-11,2,4-Trichlorobenzene	5	ט ט
87-68-3Hexachlorobutadiene	5 5	ח
91-20-3Naphthalene	5	U TT
	5	II
87-61-61,2,3-Trichlorobenzene	5	U
	i	

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW16M

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-10A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V1H8600

Level: (low/med)

LOW

Date Received: 09/13/06

% Moisture: not dec. _____

Date Analyzed: 09/14/06

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		ļ	ļ,	
2		ļ		
			ļ	
≖ • I	· · · · · · · · · · · · · · · · · · ·	<u> </u>		
J•		<u></u>		
.				
7.				
			· · · · · · · · · · · · · · · · · · ·	
9.				
		ļ	<u>, </u>	
		ļ		·
-4.				
T.3 *				ļ
14				
15				
16. 17. 18.				
17.		ļ		<u> </u>
18.				
				i
20.				
Z.L.				
				•
4J.				
	· 		 -	
43.				
20.				
27.				
28.				
29.			· · · · · · · · · · · · · · · · · · ·	-
30	-			
·		·		

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW16S Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-09A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8599 Level: (low/med) LOW Date Received: 09/13/06 % Moisture: not dec. Date Analyzed: 09/14/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: ____(uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

75-71-8Dichlorodifluoromethane	. 5	U
74-87-3Chloromethane	5	lΰ
75-01-4Vinyl Chloride	5	שׁ
74-83-9Bromomethane	5	U
75-00-3	5	Ü
75-69-4Trichlorofluoromethane	5 5 5	π
75-35-41,1-Dichloroethene	, <u>, , , , , , , , , , , , , , , , , , </u>	Ü
67-64-1Acetone	5	บั
74-88-4Iodomethane	- -	ีซื
75-15-0Carbon Disulfide	5	Ü
75-09-2Methylene Chloride	ָּבָּר בַּר	שׁ
156-60-5trans-1,2-Dichloroethene	א נג	ָ ע
1634-04-4Methyl tert-butyl ether	2	Ĵ
75-34-31,1-Dichloroethane	5	Ü
108-05-4Vinyl acetate	5	Ü
78-93-32-Butanone	5	Ü
156-59-2cis-1,2-Dichloroethene	5	Ü
590-20-72,2-Dichloropropane	รี	บั
74-97-5Bromochloromethane	5	Ü
67-66-3Chloroform	Š.	υ
71-55-61,1,1-Trichloroethane	5	Ü
563-58-61,1-Dichloropropene	5	Ü
56-23-5Carbon Tetrachloride	5	שׁׁ
107-06-21,2-Dichloroethane	5	Π
71-43-2Benzene	5	Ü
79-01-6Trichloroethene	5	τī
78-87-51,2-Dichloropropane	5	τī
74-95-3Dibromomethane	5	Ü
75-27-4Bromodichloromethane	5	Ü
10061-01-5cis-1,3-Dichloropropene	5	Ü
108-10-14-Methyl-2-pentanone	មាមមាមមាមមាមមាមមាមមាមមាមមាមមាមមាម	Ü
108-88-3Toluene	5	Ü
10061-02-6trans-1,3-Dichloropropene	5 5	Ü
79-00-51,1,2-Trichloroethane	5	Ū
-,-,-	_	
	·	

FORM I VOA

OLM03.0

EPA SAMPLE NO.

SMS-MW16S Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-09A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8599 Level: (low/med) LOW Date Received: 09/13/06 % Moisture: not dec. Date Analyzed: 09/14/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or	ug/Kg) UG/L	Q
142-28-9	1,3-Dichlorop	ropane		5 U
127-18-4	Tetrachloroet	hene		5 ប
	2-Hexanone			55555555555555555555555555555555555555
	Dibromochloro			5 U '
106-93-4	1,2-Dibromoet	hane		5 บั
	Chlorobenzene			5 ซ
	1,1,1,2-Tetra	chloroethane		5 U
	Ethylbenzene	_		5 T
	m,p-Xylene	•	···	5 U
95-47-6	o-Xylene			5 ט
1330-20-7	Xylene (Total	}		5 U
100-42-5	Styrene	-		5 U
75-25-2	Bromoform			5 Ū
98-82-8	Isopropylbenz	ene		รโซ
79-34-5	1,1,2,2-Tetra	chloroethane		รีโซ
108-86-1	Bromobenzene			ร์โซ
	1,2,3-Trichlo	ropropane		5 U U U U U U U U U U U U U U U U U U U
103-65-1	n-Propylbenze	ne		5 Ū
95-49-8	2-Chlorotolue	ne		รีโซ
	1,3,5-Trimeth			รี ซี
106-43-4	4-Chlorotolue	ne		5 บั
98-06-6	tert-Butylben	zene		5 บ
95-63-6	1,2,4-Trimeth	vlbenzene		ร์ ซี
135-98-8	sec-Butylbenz	ene		5 U 5 U
99-87-6	4-Isopropylto	luene		5 บั
541-73-1	1,3-Dichlorob	enzene		5 บั
106-46-7	1,4-Dichlorob	enzene		5 U 5 U
104-51-8	n-Butylbenzen			5 U
95-50-1	1,2-Dichlorob	enzene	 	5 บ
96-12-8	1,2-Dibromo-3	-chloroproper		5 U
120-82-1	1,2,4-Trichlo	ropensene critoropropar	~ <u>-</u>	5 U
	Hexachlorobut			5 U 5 U
91-20-3	Naphthalene	amene		5 U
87-61-6	1,2,3-Trichlo	mhenzene	 	5 U
O / OT-0	1, 2, 3-1110	TONETTE	<u> </u>	ماد

FORM I VOA

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

5.000 (g/mL) ML

Lab Sample ID: E1376-09A

Sample wt/vol:

Lab File ID: V1H8599

Level:

(low/med)

LOW

Date Received: 09/13/06

% Moisture: not dec. _____

Date Analyzed: 09/14/06

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.			========	=====
4.		-		
3		·		
·				
· ·				
• •				
0 .				
9.			·	
10	· · · · · · · · · · · · · · · · · · ·			
11. 12.			-	
ا سلسا				
				
				
1/-				
18.				
17.				
			; 	
22.	<u></u>			
24				
25				
26.				
4/.		·		
				-
29.		[
30				

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION Contract: SMS-MW-17

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8617

Level: (low/med) LOW Date Received: 09/12/06

% Moisture: not dec. ____ Date Analyzed: 09/15/06

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

75-71-8------Dichlorodifluoromethane 5 U
74-87-3-----Chloromethane 5 U

75-71-8Dichlorodifluoromethane	 5	177
74-87-3Chloromethane	5	ָ ט
75-01-4Vinyl Chloride	5	ប្រ
74-83-9Bromomethane	5	tr
75-00-3Chloroethane	5	ប
75-69-4Trichlorofluoromethane	ם	ប
75-35-41,1-Dichloroethene	5 5	ប
67-64-1Acetone	ם ס	U U
74-88-4Iodomethane	5 5	מ
75-15-0Carbon Disulfide		TI I
75-09-2Methylene Chloride	ភ ភ ភ ភ ភ ភ ភ ភ ភ	បី
156-60-5trans-1,2-Dichloroethene	5	מ
1634-04-4Methyl tert-butyl ether	5	ן ט
75-34-31,1-Dichloroethane	<u> </u>	ti l
108-05-4Vinyl acetate	5	ן מ
78-93-32-Butanone	2	ן ש
156-59-2cis-1,2-Dichloroethene	5	<u> </u>
590-20-72,2-Dichloropropane	5 5	ម
74-97-5Bromochloromethane	5 5	ן ק
67-66-3Chloroform	5 i	ן ק
71-55-61,1,1-Trichloroethane	5 5	ם ו
563-58-61,1-Dichloropropene		ן ש
56-23-5Carbon Tetrachloride	5 5	ן ש
107-06-21,2-Dichloroethane	5	ชี
71-43-2Benzene	5	ט
79-01-6Trichloroethene		ן ש
78-87-51,2-Dichloropropane	5 5	ן ש
74-95-3Dibromomethane	5	ן ט
75-27-4Bromodichloromethane		ן ש
10061-01-5cis-1.3-Dichloropropene		บั
108-10-14-Methyl-2-pentanone		ן ע
108-88-3Toluene		ן ט
10061-02-6trans-1.3-Dichloropropene		<u> </u>
79-00-51,1,2-Trichloroethane		<u>.</u>
	3	١

FORM I VOA

EPA SAMPLE NO.

SMS-MW-17 Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8617

Level: (low/med) LOW Date Received: 09/12/06

% Moisture: not dec. Date Analyzed: 09/15/06

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

	
142290 1 Die 157	
142-28-91,3-Dichloropropane	_ 5 U
127-18-4Tetrachloroethene] 5 U
591-78-62-Hexanone	5 Ü
124-48-1Dibromochloromethane	ី 5 ប
106-93-41,2-Dibromoethane	5 U
108-90-7Chlorobenzene	5 U 5 U 5 U
630-20-61,1,1,2-Tetrachloroethane] 5 v
100-41-4Ethylbenzene] 5 0
m,p-Xylene	5 U 5 U
95-47-6o-Xylene	5 ซี
1330-20-7Xylene (Total)	ˈl 5 u
100-42-5Styrene	ˈl ślʊ l
75-25-2Bromoform	5 U 5 U 5 U
98-82-8Isopropylbenzene	·
79-34-51,1,2,2-Tetrachloroethane	1 5 0
108-86-1Bromobenzene	· 5 u
96-18-41,2,3-Trichloropropane	5 0
103-65-1n-Propylbenzene	5 U 5 U 5 U 5 U 5 U 5 U
95-49-82-Chlorotoluene	[š ŭ
108-67-81,3,5-Trimethylbenzene	5 0
106-43-44-Chlorotoluene	
98-06-6tert-Butylbenzene	1 510 1
95-63-61,2,4-Trimethylbenzene	5 U 5 U U U U U U U U U U U U U U U U U
135-98-8sec-Butylbenzene	3 0
99-87-64-Isopropyltoluene	5 0
541-73-11,3-Dichlorobenzene	ן "בּוֹלֶים
106-46-71,4-Dichlorobenzene	5 U
104-51-8n-Butylbenzene	5 U
95-50-11,2-Dichlorobenzene	
96-12-81,2-Dibromo-3-chloropropane	
120-82-11,2,4-Trichlorobenzene	[5]
87-68-3Hexachlorobutadiene	5 U 5 U 2 J
91-20-3Naphthalene	2 5
87-61-61,2,3-Trichlorobenzene	5 0
o, or o	1 J
	1 1

FORM I VOA

EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

SMS-MW-17

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-04A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8617

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		= ======	=======================================	====
1			 	
3				
4				
5		 		
6		-		
7.	-			
0		<u> </u>		
9.		→		
±0• I		 		
11.		→		
				
		<u> </u>		
上生 4		— 		
15.				-
16. To		-		
1.		- ·		•
		<u> </u>		
L7.		- ·		
40.		- ·	··	
61. I		- ·		
22.		- -	·	-
		- -		
5 TE - 1		·		
43.		- - ·		
26.		- ·		
4/.		- -		
28.		- []-		
29.		<u> </u>		·
30		~ ~ ~~ }		
	,	- -		

FORM I VOA-TIC

EPA SAMPLE NO.

SMS-MW-17A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-07A

Sample wt/vol: 5.000 (g/mL) ML

Level: (low/med) LOW

Lab File ID: V1H8597

Date Received: 09/12/06

% Moisture: not dec. ____

Date Analyzed: 09/14/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

75-71-8
108-88-3Toluene 5 10061-02-6trans-1,3-Dichloropropene 5 79-00-51,1,2-Trichloroethane 5

EPA SAMPLE NO.

SMS-MW-17A

Lab Name: MITKEM CORPORATION

Contract:

Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-07A

Sample wt/vol:

Lab Code: MITKEM

Lab File ID:

V1H8597

5.000 (g/mL) ML

Level: (low/med) LOW

Soil Extract Volume: (uL)

Date Received: 09/12/06

% Moisture: not dec.

Date Analyzed: 09/14/06

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

	,,,,	*
142-28-91,3-Dichloropropane	5	U
127-18-4Tetrachloroethene	[5	
591-78-62-Hexanone	-	π .
124-48-1Dibromochloromethane	-	שׁ
106-93-41,2-Dibromoethane	5 5 5 5 5 5 5 5	lü
108-90-7Chlorobenzene	- 글	ט
630-20-61,1,1,2-Tetrachloroethane	-	
100-41-4Ethylbenzene	. 3	ט
m.n-Xvlene	. -	שׁ
95-47-6o-Xylene	.	שׁן
1330-20-7Xylene (Total)	5 5	שׁ
100-42-5Styrene	-	ū
75-25-2Bromoform	5 5	L U
98-82-8Isopropylbenzene	. -	U
79-34-51,1,2,2-Tetrachloroethane	.	U
108-86-1Bromobenzene	. 5	Ū
96-18-41,2,3-Trichloropropane	. 5	ប
103-65-1n-Propylbenzene	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ប្
95-49-82-Chlorotoluene	. 5	บ
108-67-81,3,5-Trimethylbenzene	. 5	U
106-43-44-Chlorotoluene	. 5	ש
98-06-6tert-Butylbenzene	. 5	ū
95-63-61,2,4-Trimethylbenzene	5	
135-98-8sec-Butylbenzene	5	ש
99-87-64-Isopropyltoluene	. 5	U
541-73-11 2 Dightembers	. 5	ש
541-73-11,3-Dichlorobenzene 106-46-71,4-Dichlorobenzene	. 5	U
104-51-8n-Butylbenzene	. 5	ש
95-50-1 2 Dieblesele	. 5	U
95-50-11,2-Dichlorobenzene 96-12-81,2-Dibromo-3-chloropropane	. 5	U
120-92-1		ט
120-82-11,2,4-Trichlorobenzene	555555555555	U
87-68-3Hexachlorobutadiene	5	ש
91-20-3Naphthalene	5	U
87-61-61,2,3-Trichlorobenzene	5	[ש
	<u> </u>	l

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION

SMS-MW-17A Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-07A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8597

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: not dec. _____

Date Analyzed: 09/14/06

GC Column: DB-624 ID: 0.25 (mm)

Number TICs found: 0

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (uL)

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
		=======	=========	
1		1		
4.				
		 -		
				
J				
				
7				·
8		·		
9				<u> </u>
10.				
17.				
11.				
12.				
±0•				
⊥ <i>f</i> •				
18.				
19.				
20.			·	
				
44.			· · · · · · · · · · · · · · · · · · ·	
23.				
24			·	
25.	 			
26.				
27. ————————————————————————————————————				
27.				
28.				
E-1				
30.				
			·	

FORM I VOA-TIC

EPA SAMPLE NO.

Q

SMS-MW-2 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-17A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E5990 Level: (low/med) LOW Date Received: 09/13/06 % Moisture: not dec. Date Analyzed: 09/14/06

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

COMPOUND

CAS NO.

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

75-71-8-----Dichlorodifluoromethane 5 U 74-87-3-----Chloromethane 5 T 75-01-4-----Vinyl Chloride 5 U 74-83-9-----Bromomethane 5 0 75-00-3-----Chloroethane 5 U 75-69-4-----Trichlorofluoromethane 5 T 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 Ü 156-60-5----trans-1,2-Dichloroethene 5 U 1634-04-4-----Methyl tert-butyl ether 5 Ü 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 5 5 5 5 Ū 71-55-6-----1,1,1-Trichloroethane U 563-58-6----1,1-Dichloropropene U 56-23-5-----Carbon Tetrachloride U 107-06-2----1,2-Dichloroethane 55555 U 71-43-2-----Benzene U 79-01-6----Trichloroethene U 78-87-5----1,2-Dichloropropane U 74-95-3-----Dibromomethane Ü 75-27-4----Bromodichloromethane

FORM I VOA

10061-01-5----cis-1,3-Dichloropropene 108-10-1-----4-Methyl-2-pentanone

10061-02-6----trans-1,3-Dichloropropene 79-00-5-----1,1,2-Trichloroethane

108-88-3-----Toluene

OLMO3.0

5 l T

Lab Code: MITKEM

EPA SAMPLE NO.

SMS-MW-2 Lab Name: MITKEM CORPORATION Contract:

Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-17A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E5990

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: not dec. Date Analyzed: 09/14/06

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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 | T 5 U 5 | T 1330-20-7-----Xylene (Total) 5 | U 100-42-5-----Styrene 5 U 75-25-2----Bromoform 5 U 98-82-8-----Isopropylbenzene 5 שׁ 79-34-5----1,1,2,2-Tetrachloroethane 5 U 108-86-1-----Bromobenzene 5 ט 96-18-4-----1,2,3-Trichloropropane 5 U 103-65-1---n-Propylbenzene 5 5 5 U 95-49-8-----2-Chlorotoluene ֪֖֪֪֓֓֓֟֓֓֓֟ 108-67-8-----1,3,5-Trimethylbenzene U 106-43-4-----4-Chlorotoluene 5 U 98-06-6----tert-Butylbenzene 5 Ü 95-63-6----1,2,4-Trimethylbenzene 5 Ü 135-98-8----sec-Butylbenzene 5 5 5 U 99-87-6-----4-Isopropyltoluene Ū 541-73-1-----1,3-Dichlorobenzene U 106-46-7----1,4-Dichlorobenzene 5 5 U 104-51-8----n-Butylbenzene U 95-50-1-----1,2-Dichlorobenzene 5 U U U U U U 96-12-8-----1,2-Dibromo-3-chloropropane 120-82-1-----1,2,4-Trichlorobenzene 87-68-3-----Hexachlorobutadiene 91-20-3-----Naphthalene 5 U 87-61-6----1,2,3-Trichlorobenzene 5 U

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-2	?
----------	---

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-17A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6E5990

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: not dec.

Date Analyzed: 09/14/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
				
				
	· · · · · · · · · · · · · · · · · · ·	J		
5				·
0.				
, · · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	
			,	
-LZ-				
				,
16				
19.				
20.				
21.				
44.				
<u>44.</u>				
75. I				
26.				
41.				
40.				
29.				
30.				

FORM I VOA-TIC

EPA SAMPLE NO.

SMS-MW-3

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-12A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V1H8618

Level:

(low/med) LOW Date Received: 09/13/06

% Moisture: not dec.

Date Analyzed: 09/15/06

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

75-71-8Dichlorodifluoromethane		U
74-87-3Chloromethane	5	
75-01-4Vinvl Chloride		lü
74-83-9Bromomethane	2	ប្តី
75-00-3Chloroethane	ח	뜅
75-69-4Trichlorofluoromethane	5	10
75-35-41,1-Dichloroethene	ົ	שַ
67-64-1Acetone	5 5 5 5 5 5 5 5 5 5 5 5 5	U
74-88-4Iodomethane	5	Ü
75-15-0Carbon Disulfide	5	
75-09-2Methylene Chloride	5 5	Ū
156-60-5trans-1,2-Dichloroethene	5	ש
1634-04-4Methyl tert-butyl ether	5	U
75-34-31,1-Dichloroethane	5	U
108-05-4Vinyl acetate	5	Ŭ
78-93-32-Butanone	5	ש
156-59-2cis-1,2-Dichloroethene	5	U
590-20-72,2-Dichloropropane	5	ט
74-97-5Bromochloromethane	5 5	U
67-66-3Chloroform	5	Ū
71-55-61,1,1-Trichloroethane	5	ប
563-58-61,1-Dichloropropene	5	U
56-23-5Carbon Tetrachloride	5	ប្រ
107-06-21,2-Dichloroethane	5	שַ
71-43-2Benzene	5	ש
79-01-6Trichloroethene	5	ש
78-87-51,2-Dichloropropane	5	ប
74-95-3Dibromomethane	5	ש
75-27-4Bromodichloromethane	ច ម ម ម ម ម ម ម ម ម ម ម	ប
10061_01_Egig 1 2 Dishlarmane	5	ש
10061-01-5cis-1,3-Dichloropropene 108-10-14-Methyl-2-pentanone	5	υ
108-88-3Toluene	5	U
100-00-3	5	ΰ
10061-02-6trans-1,3-Dichloropropene	5	U
79-00-51,1,2-Trichloroethane	5	U

EPA SAMPLE NO.

SMS-MW-3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-12A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8618

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: not dec. _____

Date Analyzed: 09/15/06

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

	-	
142-28-91,3-Dichloropropane		
127-18-4Tetrachloroethene	5	ָּט ט
591-78-62-Hexanone	5 5	ีซี
124-48-1Dibromochloromethane	, 5	ü
106-93-41,2-Dibromoethane	5	ט די
108-90-7Chlorobenzene	5	บั
630-20-61,1,1,2-Tetrachloroethane	5	ซื
100-41-4Ethylbenzene	5	ָ ע
m, p-Xylene	5	ם
95-47-6o-Xylene	5	<u>"</u>
1330-20-7Xylene (Total)	5	ן ט
100-42-5Styrene	5	ן ט
75-25-2Bromoform	5	ן ט
98-82-8Isopropylbenzene	5	שׁ
79-34-51,1,2,2-Tetrachloroethane	555555555	ا تا
108-86-1Bromobenzene	5	ו שׁ
96-18-41,2,3-Trichloropropane	5	ا قا
103-65-1n-Propylbenzene	5	ן שׁ
95-49-82-Chlorotoluene	5	טֿ
108-67-81,3,5-Trimethylbenzene	5	ט
106-43-4	5	ן שו
98-06-6tert-Butylbenzene	5	ן מ
95-63-61,2,4-Trimethylbenzene	5	ן י דו
135-98-8sec-Butylbenzene		ן מן
99-87-64-Isopropyltoluene	5	ע
541-73-11,3-Dichlorobenzene	5	U .
106-46-71,4-Dichlorobenzene	5	ט
104-51-8n-Butylbenzene	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ט
95-50-11,2-Dichlorobenzene	5	U
96-12-81,2-Dibromo-3-chloropropane	5	ש
120-82-11,2,4-Trichlorobenzene	5 5	U
87-68-3Hexachlorobutadiene	5	U
91-20-3Naphthalene	5	ש
87-61-61,2,3-Trichlorobenzene	5	ט

EPA SAMPLE NO.

		.1	LENTATIVELY	IDENTIFIED	COMPOUNDS	1
						SMS-MW-3
Lab	Name:	MITKEM	CORPORATION	I Co	ntract:	, ————————————————————————————————————

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-12A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8618

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: not dec. _____ Date Analyzed: 09/15/06

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

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT		Q
1				
2		·		
1 74				
→ •				
6. 7.				
0.				
10.				
l alaska a		<u> </u>	· .	
12. 13.	<u></u>			
) LT (
15. 16.				
l J. / .				
1 TQ -				
19. 20.				
22.				
44.				
25. 26.		·		
41.				
40.				
29. 30.				

EPA SAMPLE NO.

SMS-MW-3A

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-13A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V1H8619

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (uL)

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

CAS NO.	COMPOUND		ATION UNITS: ug/Kg) UG/L		Q
75-71-8 74-87-3 75-01-4 74-83-9 75-00-3 75-69-4 75-35-4 75-15-0 75-09-2 156-60-5 1634-04-4 75-34-3 108-05-4 74-97-5 563-58-6 563-58-6 71-55-6 563-58-6 71-43-2	Dichlorodiflucture	comethane chene de chene de chene de chene de chene de chene de chane de coethene copane de copa		555555555555555555555555555555555555555	
				_	

EPA SAMPLE NO.

Soil Aliquot Volume: ____(uL)

SMS-MW-3A Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-13A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8619 Level: (low/med) LOW Date Received: 09/13/06 % Moisture: not dec. Date Analyzed: 09/15/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

Soil Extract Volume: ____(uL)

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 5 U 5 5 U 1330-20-7-----Xylene (Total) U 100-42-5-----Styrene 5 | T 75-25-2----Bromoform 5 ע 98-82-8-----Isopropylbenzene 5 | T 79-34-5----1,1,2,2-Tetrachloroethane 5 5 5 U 108-86-1----Bromobenzene עו 96-18-4----1,2,3-Trichloropropane 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 95-63-6----1,2,4-Trimethylbenzene 135-98-8----sec-Butylbenzene 99-87-6----4-Isopropyltoluene 541-73-1-----1,3-Dichlorobenzene 106-46-7----1,4-Dichlorobenzene 104-51-8----n-Butylbenzene 5 5 5 5 5 U 95-50-1----1,2-Dichlorobenzene Ü 96-12-8----1, 2-Dibromo-3-chloropropane U 120-82-1-----1,2,4-Trichlorobenzene U 87-68-3-----Hexachlorobutadiene 5 U 91-20-3----Naphthalene 5 U 87-61-6----1,2,3-Trichlorobenzene 5 l U

FORM I VOA

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

SAS No.:

Matrix: (soil/water) WATER

Lab Code: MITKEM Case No.:

Lab Sample ID: E1376-13A

EPA SAMPLE NO.

SMS-MW-3A

SDG No.: ME1376

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8619

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS: Number TICs found: 0 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
			=========	====
1		ļ		
2				
		·		
т. 				
5		i		
6		<u> </u>		
7				
8.				
				
				
				
13				
			· · · · · · · · · · · · · · · · · · ·	-
15		·		
TP.			· · · · · · · · · · · · · · · · · · ·	
1 7 -				
IX.		·		-
19.				
20.				
44.				
				-
∠ 4.				
25				-
26.				
41.				
20.				
29.				
30				

FORM I VOA-TIC

COMPOUND

CAS NO.

EPA SAMPLE NO.

Q

SMS-MW-4 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-14A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E5987 Level: (low/med) LOW Date Received: 09/13/06 % Moisture: not dec. Date Analyzed: 09/14/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: ____(uL) Soil Aliquot Volume: ____(uL) CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

		, ,
75-71-8Dichlorodifluoromethane	5	ט
74-87-3Chloromethane	· 5	
75-01-4Vinyl Chloride	5	
74-83-9Bromomethane	5	บี
75-00-3Chloroethane	5	Ü
75-69-4Trichlorofluoromethane	·	שׁו
75-35-41,1-Dichloroethene	·	Ü
67-64-1Acetone	5 5 5 5 5 5 5 5 5	u
74-88-4Iodomethane		Ü
75-15-0Carbon Disulfide		ซื
75-09-2Methylene Chloride		Ü
156-60-5trans-1,2-Dichloroethene	5	ט ט
1634-04-4Methyl tert-butyl ether	5	ו ט
75-34-31.1-Dichloroethane	5	ן ש
108-05-4Vinyl acetate	5	מ
78-93-32-Butanone		ŭ l
156-59-2cis-1,2-Dichloroethene	5 5	ן ש
590-20-72,2-Dichloropropane		Ü
74-97-5Bromochloromethane	5 5	ן ש
67-66-3Chloroform	ן נ	ן ט
71-55-61,1,1-Trichloroethane	555555	ן ט
563-58-61,1-Dichloropropene	ן יי	ט
56-23-5Carbon Tetrachloride	7	[ט
107-06-21,2-Dichloroethane	3	ם ו
71-43-2Benzene	"	[[
79-01-6Trichloroethene		ָ <mark>ש</mark>
78-87-51,2-Dichloropropane]	บี
74-95-3Dibromomethane		ן ש
75-27-4Bromodichloromethane	3	ן ט
10061-01-5cis-1,3-Dichloropropene]	ן מ
108-10-14-Methyl-2-pentanone	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ן ש
108-88-3Toluene	5	ט ו
10061-02-6trans-1,3-Dichloropropene	5	ן ק
79-00-51,1,2-Trichloroethane	5	ט
	3	١
	l	

EPA SAMPLE NO.

SMS-MW-4 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-14A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E5987 Level: (low/med) LOW Date Received: 09/13/06 % Moisture: not dec. ____ Date Analyzed: 09/14/06 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

I 		(ug/L or	~3/ ~3/	03/11	Q
142-28-9	1,3-Dichloropr	opane			U
127-18-4	·Tetrachloroeth	ene		3	וַיַּיַנְי
591-78-6	·2-Hexanone			3	114
124-48-1	Dibromechlerem	ethane	 	3	177
106-93-4	1.2-Dibromoeth	ane		2	177
108-90-7	Chlorobenzene				דד
630~20-6	1,1,1,2-Tetraci	loroethane	 -		FT
<u> </u>	KThwhanaana		 	5	77
	m.p-Xvlene			5	
35-4/-6	o-Xvlene			5	TT
1330-20-7 -	Xvlene (Total)			بر د	77
100-42-5	Styrene			, E	זז
75-25-2	Bromoform			Ĕ	177
98-82-8	Isopropylbenzer	ie		Ę,	דד
/ y-34-5	1.1.2.2-Tetrack	loroethane	<u> </u>	5	ITT
T08-86-1	Bromobenzene	-		<u> </u>	TT
96-18-4	1.2.3-Trichlord	propane	 ∤	5	ממממממממממממממממממ ממממממממממממממממ
エリスークラーエーニーー	n-Propylbenzene	<u> </u>	 l	5	111
95-49-8	2-Chlorotoluene		 [5	TT .
108-67-8	1.3.5-Trimethvl	henzene		5	177
エロローポスーポーーーー	4-Chlorotoluens	1	-	5	177
98-06-6	tert-Butvlbenze	ne	 1	5	ซื
ソ 5-63-6	1.2.4-Trimethyl	henzene		5	บั
エンコーソローロー・	Sec-ButvIbenzer	16		5	Ū
99-87-6	4-Isopropy1tol:	lene		5	Ü
541-/3-1	1 3-Dichlorober	ZODO		5	Ü
106-46-7	1.4-Dichlorober	zene		5	ซื
Tひff − 2 T − 8 − − − − − ⋅	n-Butvlhenzene			មមមមមមមម	ប៊
95-50-1	1.2-Dichlorober	zene	<u> </u>	5	Ü
96-12-8	1.2-Dibromo-3-c	hloron	e	5	<u>ט</u>
エスひっなスーエーーーー	1,2,4-Trichlord	henzene	\neg	5	ָ ט
8/-68-3	Hexach Lorobutad	iene	1	5 5 5	ש
91-20-3	Naphthalene			5	<u>u</u> .
87-61-6	$1,2,3$ -Trich $\overline{\text{lore}}$	benzene		5	ŭ l
			_		-

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPONING

EPA SAMPLE NO.

			TEMINITARITA	TDEMLTED	COMPOUNDS		
T.ah	Mama	NATE OF THE LOAD	COPPORATION	•		SMS-MW-4	
TIOTA	TASTITIE:	IAT'T' T IZ ETAT	CORPORATION	l Co	ntract:		

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-14A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E5987

Level: (low/med) LOW Date Received: 09/13/06 % Moisture: not dec. Date Analyzed: 09/14/06

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				l
4,				
-				-
4. I				
				ļ
V• 1				
7 *				
~ •				
- •		· · · · · · · · · · · · · · · · · · ·	·	
10.				
11.			·	
.1.2.				·
13.				
		·	· - · - · - · - · - · - · - · · - ·	
15.				
16.				
17				
18.				
19				
19.				
20.				
44.	<u> </u>			
		_		
<i>4</i> 4.			· - · · · · · · · · · · · · · · · · · ·	
25.			· · · · · · · · · · · · · · · · · · ·	
26.				
				 -
∠8. I		·		
43.				
30.		·		
			·	
_ 				

FORM I VOA-TIC

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8595

Level: (low/med) LOW Date Received: 09/12/06

% Moisture: not dec. _____ Date Analyzed: 09/14/06

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			
75-00-3	74-87-3Chloromethane 75-01-4Vinvl Chloride	5	បោ
74-88-4 Todomethane 5 75-15-0 Carbon Disulfide 5 75-09-2 Methylene Chloride 5 156-60-5 Trans-1,2-Dichloroethene 5 1634-04-4 Methyl tert-butyl ether 5 75-34-3 1,1-Dichloroethane 5 108-05-4 Vinyl acetate 5 78-93-3 2-Butanone 5 156-59-2 2-Cis-1,2-Dichloroethene 5 590-20-7 2,2-Dichloropropane 5 74-97-5 Bromochloromethane 5 90-20-7 2,2-Dichloroethane 5 105-6-3	75-00-3Chloroethane 75-69-4Trichlorofluoromethane 75-35-41,1-Dichloroethene	5 5 5 5	ט ט ט
1634-04-4	74-88-4Todomethane 75-15-0Carbon Disulfide 75-09-2Methylene Chloride 156-60-5trans-1.2-Dichloroethene	5 5 5	U U
590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U	1634-04-4Methyl tert-butyl ether 75-34-31,1-Dichloroethane 108-05-4Vinyl acetate 78-93-32-Butanone	5 5 5 5	ם ם ם
563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 1061-01-5cis-1,3-Dichloropropene 5 U 108-88-3Toluene 5 U 108-88-3Toluene 5 U 108-88-3	590-20-72,2-Dichloropropane 74-97-5Bromochloromethane 67-66-3Chloroform 71-55-61,1,1-Trichloroethane	5 5 5	ט ט
78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U	563-58-61,1-Dichloropropene 56-23-5Carbon Tetrachloride 107-06-21,2-Dichloroethane 71-43-2Benzene	5 5 5 5	מממ
108-10-14-Methyl-2-pentanone 5 U	78-87-51,2-Dichloropropane 74-95-3Dibromomethane 75-27-4Bromodichloromethane 10061-01-5cis-1,3-Dichloropropene	5 5 5	บ บ บ
10061-02-6trans-1,3-Dichloropropene 5 U 79-00-51,1,2-Trichloroethane 5 U	108-10-14-Methyl-2-pentanone 108-88-3Toluene 10061-02-6trans-1,3-Dichloropropene	5 5 5	บ บ บ

FORM I VOA

EPA SAMPLE NO.

SMS-MW-5 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-03A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8595 Level: (low/med) LOW Date Received: 09/12/06 % Moisture: not dec. Date Analyzed: 09/14/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: ____(uL) Soil Aliquot Volume: ____(uL) CONCENTRATION UNITS: CAS NO. COMPOUND (uq/L or uq/Kq) UG/L

	1		(ug/II OI	ug/kg/	OG/TI	Q	
	142-28-9	-1,3-Dichloropropa	me			ט פ	-
	127-18-4	-Tetrachloroethene			5		1
	591-78-6	-2-Hexanone			-	Ü	-
	124-48-1	-Dibromochlorometh	nane		5		
	106-93-4	-1,2-Dibromoethane			5		
	108-90-7	-Chlorobenzene			5		1
	630-20-6	-1,1,1,2-Tetrachlo	roethane		5		
	100-41-4	-Ethylbenzene			5		
		-m.p-Xvlene			5		ı
	95-47-6	-o-Xvlene	<u> </u>		5		
-	95-47-6 1330-20-7	-Xvlene (Total)	-	 •J	5		
	100-42-5	-Stvrene			5		ı
	75-25-2	-Bromoform			5	שׁ	
i	98-82-8	-Isopropylbenzene		— <u> </u>	5	۵	1
	79-34-5	-1.1.2.2-Tetrachlo	roethane		5	ט די	
	108-86-1	-Bromobenzene	_			μ̈	
	96-18-4	-1.2.3-Trichloropr	opane			บ็	
	103-65-1	-n-Propylbenzene	- <u>1</u>	 -		Ŭ -	
i	95-49-8	·2-Chlorotoluene		 [ָ ט	1
	108-67-8	-1,3,5-Trimethylbe	nzene) H	[ט	ļ
1	エリ6-43-4	-4-Chlorotoluene			5	Ü	
ı	98-06-6	tert-Butylbenzene				ט	
ł	95-63-6	·1,2,4-Trimethvlbe	nzene		5	Ü	
1		·sec-Butvlbenzene			5		
ı	99-87-6	4-Isopropyltoluen	e		5	Ū	
ı	541-73-1	·1.3-Dichlorobenze	ne		5	Ü	
i	106-46-7	$\cdot 1.4$ - Dichlorobenze	ne		5	"	
ı	104-51-8	n-Butvlbenzene			5	ا ن	
ı	95-50-1	1,2-Dichlorobenze	ne		5	ט	
1	96-12-8	$\cdot 1.2$ -Dibromo -3 -ch 1	orcoropan	e	5	שׁ	
1	120-82-1	1,2,4-Trichlorobe	nzene	-1	5	ซ	
	87-68-3	Hexachlorobutadie	ne		5 5 5 5 5 5 5 5 5	Ι υ	1
l	91-20-3	Naphthalene			5	ט l	1
	87-61-6	1,2,3-Trichlorobe	nzene		5	ט l	
	<u> </u>			_	_		

FORM I VOA

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOINING

EPA SAMPLE NO.

TENTATIVELY IDENTIFIE	D COMPOUNDS	
T - 1 - 97		SMS-MW-5
Lab Name: MITKEM CORPORATION (Contract:	

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8595

Level: (low/med) LOW Date Received: 09/12/06

% Moisture: not dec. _____ Date Analyzed: 09/14/06

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				ļ
2			ļ	
1		·		
4		·		l
5		ļ 		
		·		
• •				
I .±U.				
.L_L				·
	· · · · · · · · · · · · · · · · · · ·			
				
14				
				
17.				
10.				
19 — —				
19.				
2±•				
44.				
43.				
Z#.				
43. I				
26.			·	
4/.				
20.			·	
43.				
30				
			[
————I—				

FORM I VOA-TIC

EPA SAMPLE NO.

SMS-MW-6D Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-05A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8591 Level: (low/med) LOW Date Received: 09/12/06 % Moisture: not dec. Date Analyzed: 09/14/06

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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 5 U U 5 U D 75-69-4----Trichlorofluoromethane 75-35-4-----1,1-Dichloroethene 67-64-1-----Acetone 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 lΰ 75-34-3-----1,1-Dichloroethane 5 | U 108-05-4-----Vinyl acetate 5 T 78-93-3----2-Butanone 5 | U 156-59-2----cis-1,2-Dichloroethene 5 | T 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 | ซ 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 5 IJ 10061-01-5----cis-1,3-Dichloropropene U 108-10-1-----4-Methyl-2-pentanone 5 IJ 108-88-3----Toluene 5 U 10061-02-6----trans-1,3-Dichloropropene 5 U 79-00-5-----1,1,2-Trichloroethane Ü

EPA SAMPLE NO.

SMS-MW-6D Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-05A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8591 Level: (low/med) LOW Date Received: 09/12/06 % Moisture: not dec. Date Analyzed: 09/14/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: ____(uL) Soil Aliquot Volume: _____(uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

142-28-91,3-Dichloropropane	5	U
127-18-4Tetrachloroethene	5555555555	שׁׁ שׁ
591-78-62-Hexanone	5	បី
124-48-1Dibromochloromethane		שׁ
106-93-41,2-Dibromoethane	5	ا ن
108-90-7Chlorobenzene	5	۳
630-20-61,1,1,2-Tetrachloroethane		Ü
100-41-4Ethylbenzene	5	ו שׁ
m,p-Xylene	5	บ็
95-47-6o-Xylene	5	ָ _֡
1330-20-7Xylene (Total)	ן .	Ü
100-42-5Styrene	5	Ü
75-25-2Bromoform	555555555555555555555555555555555555555	ט
98-82-8Isopropylbenzene	5	ט
79-34-51,1,2,2-Tetrachloroethane) E	שׁ
108-86-1Bromobenzene	3	ט
96-18-41,2,3-Trichloropropane) E	ט
103-65-1n-Propylbenzene	5	ΰ
95-49-82-Chlorotoluene	5	ט
108-67-81,3,5-Trimethylbenzene) =	ט
106-43-44-Chlorotoluene	5	บ
98-06-6tert-Butylbenzene) E	ט
95-63-61,2,4-Trimethylbenzene	ם כ	บ
135-98-8sec-Butylbenzene) -	ש
99-87-64-Isopropyltoluene	ם ב	ט
541-73-11,3-Dichlorobenzene	ם -	ט
106-46-71,4-Dichlorobenzene	ິລ	ש
	ي _	
104-51-8n-Butylbenzene	ļ į	ប
95-50-11,2-Dichlorobenzene	ម ម ម ម ម ម ម ម ម ម ម ម ម ម ម	ש
96-12-81,2-Dibromo-3-chloropropane	, b	ភ្
120-82-11,2,4-Trichlorobenzene	1 2 5	ī
87-68-3Hexachlorobutadiene	2	J
91-20-3Naphthalene	5	ជ
87-61-61,2,3-Trichlorobenzene	2	J.

FORM I VOA

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

SMS-MW-6D

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-05A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8591

30.

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: not dec. ____

Number TICs found: 0

Date Analyzed: 09/14/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

CAS NUMBER COMPOUND NAME RTEST. CONC. Q ______ 8.___ 9.__ 10.____ 11.____ 12.__ 13.__ 14.__ 15. 16. 17._ 18. 19.__ 20.__ 21.___ 22. ___ 23. 24. ___ 26. 27. 28. 29.__

EPA SAMPLE NO.

SMS-MW6DA

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-06A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8596

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: not dec.

Date Analyzed: 09/14/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: ____(uL)

Soil Aliquot Volume: ____(uL)

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

CAS NO.

COMPOUND

Q

75-71-8				
74-87-3	75-71-8	Dichlorodifluoromethane	5	נד
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Dichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U			5	
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Dichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	75-01-4	Vinvl Chloride	5	
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	74-83-9	Bromomethane	5	
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Dichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	75-00-3	Chloroethane	5	
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Dichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	75-69-4	Trichlorofluoromethane	5	
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Dichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	75-35-4	1,1-Dichloroethene	5	U
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U			5	U
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Dichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U			5	U
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Dichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	75-15-0	Carbon Disulfide	5	บ
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Dichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	75-09-2	Methylene Chloride	5	
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Dichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	156-60-5	trans-1,2-Dichloroethene	5	
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Dichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	1634-04-4	Methyl tert-butyl ether	5	U
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Dichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	75-34-3	1,1-Dichloroethane	5	
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Dichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	108-05-4	Vinyl acetate	5	
156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	78-93-3	2-Butanone	5	
590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	156-59-2	cis-1,2-Dichloroethene	1 5	U
67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	590-20-7	2,2-Dichloropropane	5	U
67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	74-97-5	Bromochloromethane	5	U
563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	67-66-3	Chloroform	5	Ū
563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	71-55-6	1,1,1-Trichloroethane	5	
107-06-21,2-Dichloroethane 5 71-43-2Benzene 5 79-01-6Trichloroethene 5 78-87-51,2-Dichloropropane 5 74-95-3Dibromomethane 5 10061-01-5Bromodichloromethane 5 108-10-1	563-58-6	1,1-Dichloropropene	5	U
71-43-2	56-23-5	Carbon Tetrachloride	5	
79-01-6Trichloroethene 5 78-87-51,2-Dichloropropane 5 74-95-3Dibromomethane 5 75-27-4Bromodichloromethane 5 10061-01-5cis-1,3-Dichloropropene 5 108-10-14-Methyl-2-pentanone 5 108-88-3Toluene 5 10061-02-6trans-1,3-Dichloropropene 5	107-06-2	1,2-Dichloroethane	5	U
78-87-51,2-Dichloropropane 5 74-95-3Dibromomethane 5 75-27-4Bromodichloromethane 5 10061-01-5cis-1,3-Dichloropropene 5 108-10-14-Methyl-2-pentanone 5 108-88-3Toluene 5 10061-02-6trans-1,3-Dichloropropene 5			5	U
74-95-3			5	
75-27-4Bromodichloromethane 5 10061-01-5cis-1,3-Dichloropropene 5 108-10-14-Methyl-2-pentanone 5 108-88-3Toluene 5 10061-02-6trans-1,3-Dichloropropene 5	78-87-5	1,2-Dichloropropane	5	
10061-01-5cis-1,3-Dichloropropene 5 108-10-14-Methyl-2-pentanone 5 108-88-3Toluene 5 10061-02-6trans-1,3-Dichloropropene 5			5	
108-10-14-Methyl-2-pentanone 5 108-88-3Toluene 5 10061-02-6trans-1,3-Dichloropropene 5			5	
108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	10061-01-5	cis-1,3-Dichloropropene	5	
10061-02-6trans-1,3-Dichloropropene 5 U	108-10-1	4-Methyl-2-pentanone	5	
10061-02-6trans-1,3-Dichloropropene 5 U 79-00-51,1,2-Trichloroethane 5 U	108-88-3	Toluene	5	
79-00-51,1,2-Trichloroethane 5 U	10061-02-6	trans-1,3-Dichloropropene		
• • • • • • • • • • • • • • • • • • • •	79-00-5	1,1,2-Trichloroethane	5	U

EPA SAMPLE NO.

SMS-MW6DA Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-06A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8596 Level: (low/med) LOW Date Received: 09/12/06

% Moisture: not dec. _____ Date Analyzed: 09/14/06

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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 5 106-93-4-----1, 2-Dibromoethane U 108-90-7-----Chlorobenzene 5 5 5 U 630-20-6-----1,1,1,2-Tetrachloroethane Ü 100-41-4-----Ethylbenzene U 5 ----m,p-Xylene 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 5 103-65-1----n-Propylbenzene 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 5 135-98-8----sec-Butylbenzene 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 5 95-50-1-----1, 2-Dichlorobenzene U 5 5 U 96-12-8----1, 2-Dibromo-3-chloropropane 120-82-1----1,2,4-Trichlorobenzene U 5 87-68-3-----Hexachlorobutadiene U 91-20-3-----Naphthalene 5 U 87-61-6-----1,2,3-Trichlorobenzene 5 שו

FORM I VOA

1EVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW6DA

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-06A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V1H8596

Level:

(low/med) LOW

Date Received: 09/12/06

% Moisture: not dec. _____

ID: 0.25 (mm)

Date Analyzed: 09/14/06

GC Column: DB-624

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: ____(uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
			=======================================	====
1	· · · · · · · · · · · · · · · · · · ·	-		
2		-J		
4		-		-
5.		-		
6.	· · · · · · · · · · · · · · · · · · ·			
7.		-	<u> </u>	
8				
g		-		
9		-	·	
·		- i		
1		-		
2		-		
3		-		
4		-		
		_		
			,	
. / .				
.8				
9		.		
20. I				
		<u> </u>		
· / · · · · · · · · · · · · · · · · · ·				
i3.		1		
·性。				
25.	·	-	·	
		· [· · · · · · · · · · · · · · · · · ·		
37.		-	·	
8		-	· · · · · · · · · · · · · · · · · · ·	
9		- 		
		-[
· •		-[*	

EPA SAMPLE NO.

SMS-MW-6S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Soil Extract Volume: ____(uL)

Lab Sample ID: E1376-01A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V1H8592

Level: (low/med)

LOW

Date Received: 09/12/06

% Moisture: not dec.

Date Analyzed: 09/14/06

ID: 0.25 (mm)

GC Column: DB-624

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

75-71-8Dichlorodifluoromethane		
74.07 3	5	U
74-87-3Chloromethane		Ū
75-01-4Vinyl Chloride	— š	Ŭ
74-83-9Bromomethane	<u> 5 </u>	Ü
75-00-3Chloroethane	<u> </u>	Ŭ
75-69-4Trichlorofluoromethane	—¹	บั
75-35-41,1-Dichloroethene		Ŭ
67-64-1Acetone	<u> </u>	T.
74-88-4Iodomethane		Ü
75-15-0Carbon Disulfide	<u> </u>	Ü
75-09-2Methylene Chloride	<u>``</u>	Ŭ
156-60-5trans-1.2-Dichloroethene	<u> </u>	Ü
1634-04-4Methyl tert-butyl ether	 -	Ū
75-34-31,1-Dichloroethane	—	Ü
108-05-4Vinyl acetate	 : : : : : : : : : : : : : : : : : : :	Ü
78-93-32-Butanone	—	U
156-59-2cis-1,2-Dichloroethene	[1]	Ü
590-20-72.2-Dichloropropane	: ;	Ü
74-97-5Bromochloromethane	(ט ט
67-66-3Chloroform	<u></u> ξ ;	Ü
71-55-61,1,1-Trichloroethane	<u> </u>	ט ט
563-58-61,1-Dichloropropene	<u> </u>	IJ
56-23-5Carbon Tetrachloride	<u></u> 글 ;	IJ
107-06-21,2-Dichloroethane	_	J
71-43-2Benzene		J
79-01-6Trichloroethene		J
78-87-51,2-Dichloropropane		J
74-95-3Dibromomethane		ב ב
75-27-4Bromodichloromethane		J
10061-01-5cis-1.3-Dichloropropene		J
108-10-14-Methyl-2-pentanone		י ני
108-88-3Toluene		֖֖֖֖֖֖֖֖֖֭֓֞֝֟֟֝
10061-02-6trans-1,3-Dichloropropene		י ב
79-00-51,1,2-Trichloroethane		J T
	s '	,

EPA SAMPLE NO.

SMS-MW-6S Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-01A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8592 Level: (low/med) LOW Date Received: 09/12/06 % Moisture: not dec. Date Analyzed: 09/14/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: _ (uL) Soil Aliquot Volume: ____(uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

· · · · · · · · · · · · · · · · · · ·	,3, 00, 1	×
142-28-91,3-Dichloropropane 127-18-4Tetrachloroethene 591-78-62-Hexanone	. 5	
124-48-1Dibromochloromethane	5 5 5	ט ט
108-90-7Chlorobenzene 630-20-61,1,1,2-Tetrachloroethane 100-41-4Ethylbenzene	5 5 5 5 5 5 2	บ บ
95-47-6o-Xylene 1330-20-7Xylene (Total)	5 5	Ū
100-42-5	5 5 5 5	บ บ บ
79-34-51,1,2,2-Tetrachloroethane 108-86-1Bromobenzene 96-18-41,2,3-Trichloropropane	5 5 5	u u u
103-65-1	555555555555555555555555555555555555555	บ บ
98-06-6tert-Butylbenzene 95-63-61,2,4-Trimethylbenzene	6	ט ט
135-98-8sec-Butylbenzene 99-87-64-Isopropyltoluene 541-73-11,3-Dichlorobenzene	5555055555	ט ט
106-46-71,4-Dichlorobenzene 104-51-8n-Butylbenzene 95-50-11,2-Dichlorobenzene	2 5 5	J U U
96-12-81,2-Dibromo-3-chloropropane 120-82-11,2,4-Trichlorobenzene 87-68-3Hexachlorobutadiene	5 5 5	ט ט ט
91-20-3Naphthalene 87-61-61,2,3-Trichlorobenzene	1 5	n 1
		

FORM I VOA

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-6S

Lab Name: MITKEM COR	PORATION	Contract:			
Lab Code: MITKEM	Case No.:	SAS No.:	SDG	No.: ME1376	
Matrix: (soil/water)	WATER	Lab Sample	ID:	E1376-01A	
Sample wt/vol:	5.000 (g/mL) ML	Lab File II):.	V1H8592	
Level: (low/med)	LOW	Date Receiv	red:	09/12/06	
% Moisture: not dec.		Date Analyz	zed:	09/14/06	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Fa	ctor	: 1.0	

Soil Extract Volume: ____(uL)

Number TICs found: 0

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
======================================	:======================================	== ======	=======================================	===
1				
2	· · · · · · · · · · · · · · · · · · ·			
J.				
∓ •				
J.		_		
V.				
<i>i</i> •				
V •				
<i>录</i> •				
.0.				
			-	
		— <u> </u>		
- **			·	
				
				
7		 -		
8		— ·	<u> </u>	
		— ———— ·		
9		;		
0		.		
1		[].		<u>_</u>
3				
TE A 1				
5	······································			_
		<u> </u>		
			· · · · · · · · · · · · · · · · · · ·	
8.		-		
9		— -		
0		- -	 -	_
		— I —— —— .		

FORM I VOA-TIC

EPA SAMPLE NO.

SMS-MW-8 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-02A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8593 Level: (low/med) LOW Date Received: 09/12/06

% Moisture: not dec. _____ Date Analyzed: 09/14/06

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 | T 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 T 75-09-2----Methylene Chloride 5 ซ 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 5 5 5 U 56-23-5-----Carbon Tetrachloride U 107-06-2----1,2-Dichloroethane שׁ 71-43-2----Benzene U 79-01-6-----Trichloroethene 5 U 78-87-5----1,2-Dichloropropane U 74-95-3-----Dibromomethane 5 5 5 5 U 75-27-4-----Bromodichloromethane U 10061-01-5----cis-1,3-Dichloropropene U 108-10-1-----4-Methyl-2-pentanone U 108-88-3----Toluene 5 U 10061-02-6----trans-1,3-Dichloropropene 5 U 79-00-5-----1,1,2-Trichloroethane 5 שׁ

FORM I VOA

EPA SAMPLE NO.

SMS-MW-8

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-02A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8593

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: not dec.

Date Analyzed: 09/14/06

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

	<u> </u>	
142-28-91,3-Dichloropropane	5	ן ט
127-18-4Tetrachloroethene	5	Ü
591-78-62-Hexanone	j 5	ו שׁוֹ
124-48-1Dibromochloromethane	5	ט l
106-93-41,2-Dibromoethane	5	ן ט
108-90-7Chlorobenzene	5	ا تا
630-20-61,1,1,2-Tetrachloroethane		ן מ
100-41-4Ethylbenzene	·	<u>"</u>
m,p-Xvlene	5 5 5 5 5	ט
95-47-6o-Xylene	ַן װ	ט ו
1330-20-7Xylene (Total)	1	ا قا
100-42-5Styrene	1	Ü
75-25-2Bromoform	5 5	ا تا
98-82-8Isopropylbenzene	5	ן מ
79-34-51,1,2,2-Tetrachloroethane	5	ן מ
108-86-1Bromobenzene	5	"
96-18-41,2,3-Trichloropropage	5	ا تا
103-65-1n-Propylhenzene	5	ا تا
95-49-82-Chlorotoluene	5	ا تا
108-67-81.3.5-Trimethylbenzene	5	ا تا
106-43-44-Chlorotoluene	5	ן שׁ
98-06-6tert-Butylbenzene	5	ן ט
95-63-61.2.4-Trimethylbenzene	5	ا قا
135-98-8sec-Butvlbenzene	5 5 5	ا تا
99-87-64-Isopropyltoluene	5	ן שׁ
541-73-11,3-Dichlorobenzene	5	ט
106-46-71,4-Dichlorobenzene	5	Ŭ
104-51-8n-Butylbenzene	5	ប៊
95-50-11.2-Dichlorobenzene	5	ا تا
96-12-81.2-Dibromo-3-chloropropage	5	ן מ
120-82-11.2.4-Trichlorobenzene	5	ן ט
87-68-3Hexachlorobutadiene	5	ט
91-20-3Naphthalene	5	บั
87-61-61,2,3-Trichlorobenzene	. 5	<u> </u>
		_
	·	

EPA SAMPLE NO.

Lab File ID: V1H8593

	TENTATIVELY IDENTIFI	ED COMPOUNDS	
Lab Name: MITKE	M- CORPORATION	Contract:	SMS-MW-8

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-02A Sample wt/vol: 5.000 (g/mL) ML

Level: (low/med) LOW Date Received: 09/12/06

% Moisture: not dec. Date Analyzed: 09/14/06

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

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

CONCENTRATION UNITS: Number TICs found: 0 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				=====
				
3			· · · · · · · · · · · · · · · · · · ·	
				
J.				
6.		·		
0.	•	·	· · · · · · · · · · · · · · · · · · ·	·
10-				
11.				
12.				
TO.				
11.				
18.				
20				
44.				
43.				
25.				
40.				
41.	-			
40.				
29.				
30				
				_

EPA SAMPLE NO.

SMS-MW-9

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

LOW

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-15A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6E5988

Level: (low/med)

Date Received: 09/13/06

% Moisture: not dec. ____

Date Analyzed: 09/14/06

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

74-87-3 75-01-4 74-83-9 75-00-3	Dichlorodifluoromethane Chloromethane Vinyl Chloride Bromomethane	5 5 5 5 5	U
74-87-3 75-01-4 74-83-9 75-00-3	Chloromethane Vinyl Chloride Bromomethane	5 5	บั
75-01-4 74-83-9 75-00-3	Vinyl Chloride Bromomethane	<u></u> 5	10.
74-83-9 75-00-3	Bromomethane	I	שו
75-00-3			שׁ
	Chloroethane		ט
75-69-4	Trichlorofluoromethane	—	υ
75-35-4	1,1-Dichloroethene		ات
67-64-1	Acetone	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ŭ
74-88-4	Iodomethane		ΰ
75-15-0	Carbon Disulfide	—	บั
75-09-2	Methylene Chloride	—-	ϋ
156-60-5	trans-1.2-Dichloroethene		บั
1634-04-4	Methvl tert-butvl ether 🗀		ט l
75-34-3	·1.1-Dichloroethane		שׁ
108-05-4	·Vinvl acetate	—-	Ŭ
78-93-3	2-Butanone		שׁ
156-59-2	cis-1.2-Dichloroethere	<u> </u>	Ū
590-20-7	·2.2-Dichloropropage	<u></u> ξ	ϋ
74-97-5	Bromochloromethane	5 5	ϋ
67-66-3	Chloroform		Ü
71-55-6 	1,1,1-Trichloroethane	-	۳
563-58-6 <i>-</i>	1,1-Dichloropropene Carbon Tetrachloride	<u> </u>	Ü
56-23-5	Carbon Tetrachloride	 	ט דו
107-06-2	1.2-Dichloroethane	<u> </u>	បី
71-43-2	Benzene	—- <u> </u>	ប៊
79-01-6	Trichloroethene		บี
78-87-5	1.2-Dichloropropage	—	۳
/4-95-3	Dibromomethane	<u></u>	ี้บั
75-27-4	Bromodichloromethane	—	Ιŭ
10061-01 - 5	cis-1.3-Dichloropropene	555555555555555555555555555555555555555	บั
108-10-1	4-Methyl-2-pentanone	<u> </u>	บั
L08-88-3	Toluene	 닭	Ü
10061-02-6	trans-1,3-Dichloropropene	글	۳
79-00-5	1,1,2-Trichloroethane	<u> </u>	Ü

EPA SAMPLE NO.

SMS-MW-9 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM

Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-15A

Sample wt/vol: 5.000 (q/mL) ML Lab File ID: V6E5988

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: not dec. Date Analyzed: 09/14/06

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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

----m,p-Xylene 5 95-47-6----o-Xylene 5 1330-20-7-----Xylene (Total)_ 5 100-42-5-----Styrene 5 75-25-2-----Bromoform 5 98-82-8-----Isopropylbenzene 5 5 79-34-5----1,1,2,2-Tetrachloroethane 108-86-1-----Bromobenzene 96-18-4-----1,2,3-Trichloropropane 103-65-1----n-Propylbenzene 95-49-8-----2-Chlorotoluene

108-67-8----1,3,5-Trimethylbenzene 106-43-4-----4-Chlorotoluene 98-06-6----tert-Butylbenzene 95-63-6-----1,2,4-Trimethylbenzene 135-98-8-----sec-Butylbenzene

99-87-6----4-Isopropyltoluene 541-73-1----1,3-Dichlorobenzene 106-46-7----1,4-Dichlorobenzene 104-51-8-----n-Butylbenzene 95-50-1-----1,2-Dichlorobenzene

96-12-8-----1,2-Dibromo-3-chloropropane 120-82-1----1,2,4-Trichlorobenzene 87-68-3-----Hexachlorobutadiene

91-20-3-----Naphthalene 87-61-6-----1,2,3-Trichlorobenzene

100-41-4----Ethylbenzene

5 U 5 U U 5 5 U ľ 5 יטו 5 U 5 U

5 ľΰ

5 U

U

U

U

U

U

U

U

FORM I VOA

EPA SAMPLE NO.

TEW THIT A BITT TO BUN	TIPIED COMPOUNDS	
Lab Name: MITKEM CORPORATION	Contract:	SMS-MW-9

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E5988

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: not dec. _____ Date Analyzed: 09/14/06

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
		======	=======================================	=====
		f		
4.				
<u> </u>				_
_ ·				
				·
· · ·		·		
· · · · · · · · · · · · · · · · · · ·				
TU.				ļ
11.				
⊥∠. I				
				
		ļ		
				
±/.				
±0.				
19.		·		
20				
20.				_
21.				
45.				
24.				
25.				
26.				
27.		·———		
28.				
49.				
30		 [
		 -		
,		l		

FORM I VOA-TIC

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION Contract: SMS-TB-1

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8598

Level: (low/med) LOW Date Received: 09/12/06

% Moisture: not dec. _____ Date Analyzed: 09/14/06

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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 T 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 Ū 75-15-0-----Carbon Disulfide U 75-09-2----Methylene Chloride 5 IJ 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 5 5 5 U 74-97-5----Bromochloromethane U 67-66-3-----Chloroform U 71-55-6-----1,1,1-Trichloroethane שׁ 563-58-6----1,1-Dichloropropene 5 U 56-23-5-----Carbon Tetrachloride 5 U 107-06-2----1, 2-Dichloroethane 5 5 5 5 U 71-43-2----Benzene U 79-01-6----Trichloroethene U 78-87-5-----1,2-Dichloropropane 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 5 U 5 108-88-3-----Toluene 10061-02-6----trans-1,3-Dichloropropene 79-00-5-----1,1,2-Trichloroethane 5 | U

FORM I VOA

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION Contract: SMS-TB-1

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8598

Level: (low/med) LOW Date Received: 09/12/06

% Moisture: not dec. ____ Date Analyzed: 09/14/06

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 _____m,p-Xylene 5 | U 5 U 95-47-6-----o-Xylene_ 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 103-65-1----n-Propylbenzene 95-49-8----2-Chlorotoluene 108-67-8-----1,3,5-Trimethylbenzene 106-43-4-----4-Chlorotoluene 98-06-6-----tert-Butylbenzene 95-63-6----1,2,4-Trimethylbenzene 135-98-8-----sec-Butylbenzene 99-87-6----4-Isopropyltoluene 541-73-1-----1,3-Dichlorobenzene 106-46-7-----1,4-Dichlorobenzene 104-51-8----n-Butylbenzene 95-50-1----1,2-Dichlorobenzene 96-12-8----1,2-Dibromo-3-chloropropane 120-82-1-----1,2,4-Trichlorobenzene 87-68-3-----Hexachlorobutadiene 91-20-3-----Naphthalene 87-61-6-----1,2,3-Trichlorobenzene 5 | U

FORM I VOA

OLMO3.0

EPA SAMPLE NO.

		.1	EMTAT.TARLY	IDENTIFIED	COMPOUNDS		_
						SMS-TB-1	
Lab N	ſame:	MITKEM	CORPORATION	I Co	ontract:		

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER

Lab Sample ID: E1376-08A Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8598

Level: (low/med) LOW Date Received: 09/12/06

% Moisture: not dec. ____ Date Analyzed: 09/14/06

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

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

CONCENTRATION UNITS: Number TICs found: 0 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	======================================	= ====== :	=========	====
2		-		
2. 3.		-	<u> </u>	
4				
5		 -		
6		-		
7.	<u> </u>	- -}-		l
8		- - -		ļ
9		_ -		İ
I.(.) _				ļ
		- - -		
2		-		l
		- - -		
3		- -		
5. ———		- -		l
.6		- -		ļ
7.7.		- -	·	
.8				
9		-		
<u> </u>		[
1.		_ -		
		_ -		
3.		- -		
		_ _		
4		_ -		
5. 6.		_ _		
7:		_ _	·	
8		_ _		
9:		_ _		
0:		_ _		
·				

FORM I VOA-TIC

OLMO3.0

EPA SAMPLE NO.

SMS-TB2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-18A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6E5991

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: not dec. ____

Date Analyzed: 09/14/06

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

		1
75-71-8Dichlorodifluoromethane	5	שׁ
74-87-3Chloromethane	5	Ιΰ
75-01-4Vinyl Chloride	5 5	۳
74-83-9Bromomethane	5 5	ا ن تا
75-0 0-3Chloroethane	5	Ü
75-69-4Trichlorofluoromethane	5	ប៊
75-35-41,1-Dichloroethene	5	Ü
67-64-1Acetone	5	lΰ
74-88-4Iodomethane	5	Ü
75-15-0Carbon Disulfide	5	ָּטׁ ·
75-09-2Methylene Chloride	5 5	שׁׁן שׁׁן
156-60-5trans-1.2-Dichloroethene	5	שׁ
1634-04-4Methyl tert-butyl ether	5 5	บั
75-34-31,1-Dichloroethane	5	שׁ
108-05-4Vinyl acetate	5 5	บิ
78-93-32-Butanone	5	Ü
156-59-2cis-1,2-Dichloroethene	5.	์ บั
590-20-72,2-Dichloropropane	55555	Ū
74-97-5Bromochloromethane	5	ات
67-66-3Chloroform	5	اَت
71-55-61,1,1-Trichloroethane	5	שו
563-58-61,1-Dichloropropene	5	Ū
56-23-5Carbon Tetrachloride	5	lυ
107-06-21,2-Dichloroethane	5	שו
71-43-2Benzene	5	บ
79-01-6Trichloroethene	5	บ
78-87-51,2-Dichloropropane	5	ប
74-95-3Dibromomethane	5	บ
75-27-4Bromodichloromethane	5 5	Ū
10061-01-5cis-1,3-Dichloropropene	5	U
108-10-14-Methyl-2-pentanone	5 5 5	ש
108-88-3Toluene		U
10061-02-6trans-1,3-Dichloropropene	5	U
79-00-51,1,2-Trichloroethane	5	U
		<u> </u>

EPA SAMPLE NO.

SMS-TB2 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-18A Sample wt/vol: 5.000 (q/mL) ML Lab File ID: V6E5991 Level: (low/med) LOW Date Received: 09/13/06 % Moisture: not dec. Date Analyzed: 09/14/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: ____(uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

142-28-9-----1,3-Dichloropropane 5 | U 127-18-4-----Tetrachloroethene 5 5 5 U 591-78-6----2-Hexanone U 124-48-1-----Dibromochloromethane Ü 106-93-4----1,2-Dibromoethane 5 U 108-90-7-----Chlorobenzene 5 Ū 630-20-6----1,1,1,2-Tetrachloroethane 5 U 100-41-4----Ethylbenzene 5 U ----m,p-Xylene 5 U 5 U 5 שׁ 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 Ü 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 Ŭ 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

FORM I VOA

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-18A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6E5991

Level:

(low/med) LOW Date Received: 09/13/06

% Moisture: not dec.

Date Analyzed: 09/14/06

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				
4.				
				
			- · · · · · · · · · · · · · · · · · · ·	
-				
• •				
· •				
· · ·				
J.				
11.				
14.				
16.				
17.				
18.	<u> </u>	ļ		
13.				<u> </u>
20.			:	
21.				
~~.				
20.		ļ		
24				
25.				
26.		<u> </u>	,	·
41.				i
20,		·		
47.				·
30.			<u> </u>	
				I

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: ME1376
Matrix: (soil/water) WATER	Lab Sample ID: LCS-25901
Sample wt/vol: 5.000 (g/mL) MI	Lab File ID: V1H8588
Level: (low/med) LOW	Date Received:
% Moisture: not dec.	Date Analyzed: 09/14/06
GC Column: DB-624 ID: 0.25 (mm)	Dilution Factor: 1.0
Soil Extract Volume:(uL)	Soil Aliquot Volume:(uI
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q

75-71-8Dichlorodifluoromethane	54	
74-87-3Chloromethane	53	
75-01-4Vinvl Chloride	- 50 50	
74-83-9Bromomethane	- 58	
75-00-3Chloroethane	- 51 51	
75-69-4Trichlorofluoromethane	- 45	
75-35-41,1-Dichloroethene	- 45 51	
67-64-1Acetone	- 31 41	
74-88-4Iodomethane	- 5 <u>2</u>	i —
75-15-0Carbon Disulfide	-	
75-09-2Methylene Chloride	_ 56	
156-60-5trans-1,2-Dichloroethene	_ 52	
1634-04-4Methyl tert-butyl ether	_ 53	
75-34-31,1-Dichloroethane	_ 48	
108-05-4Vinyl acetate	_ 50	
78-93-32-Butanone	_ 50	
156-59-2cis-1,2-Dichloroethene	_ 47	
590-20-72,2-Dichloropropane	53	
74-97-5Bromochloromethane	_ 49	
67-66-3Chloroform	51	
71-55-61,1,1-Trichloroethane	_ 50	
563-58-61,1-Dichloropropene	. 51.	
56-23-5Carbon Tetrachloride	_ 53	ļ
107-06-21,2-Dichloroethane	. 51	·
71-43-2Benzene	48	
79-01-6Trichloroethene	53	
78-87-5- 1 2 Dishi-	52	
78-87-51,2-Dichloropropane	51	
75 27 / Para di dia	. 50	
75-27-4Bromodichloromethane	50	
10061-01-5cis-1,3-Dichloropropene	50	<u>.</u>
108-10-14-Methyl-2-pentanone	46	
108-88-3Toluene	53	
10061-02-6trans-1,3-Dichloropropene	49	
79-00-51,1,2-Trichloroethane	51	
	_	

EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:		V1RI	LCS	<u> </u>
Lab Code: MITKEM	Case No.:	SAS No.:	SDG	No.: MI	E1376	
Matrix: (soil/water)	WATER	Lab Sar	mple ID:	LCS-259	901	
Sample wt/vol:	5.000 (g/mL) ML	Lab Fi	le ID:	V1H8588	3	
Level: (low/med)	LOW	Date Re	eceived:			
% Moisture: not dec.	<u> </u>	Date A	nalyzed:	09/14/0)6	
GC Column: DB-624	ID: 0.25 (mm)	Dilutio	on Factor	: 1.0		
Soil Extract Volume:	(uL)	Soil A	liquot Vo	olume: _		(uL)
CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/R			Q	
127-18-4 591-78-6 124-48-1 108-90-7 630-20-6 100-41-4 95-47-6 1330-20-7 100-42-5 98-82-8 108-86-1 96-18-4 95-49-8 106-43-4 98-06-6 95-63-6 135-98-8 95-63-6 135-98-8 99-87-6 106-46-7 106-46-7 106-46-7 104-51-8 95-50-1 96-12-8 95-68-3 91-20-3	Dibromochlorom1,2-DibromoethChlorobenzene1,1,1,2-TetracEthylbenzenem,p-Xyleneo-XyleneXyleneXyleneXyleneStyreneBromoformIsopropylbenzene1,1,2,2-TetracBromobenzene1,2,3-Trichloron-Propylbenzene1,2,3-Trimethy4-Chlorotoluene1,2,4-Trimethysec-Butylbenzene1,2,4-Trimethy1,3-Dichloroben1,4-Dichloroben1,2-Dibromo-3-c1,2,4-Trichloro1,2,4-Trichloroben1,2-Dibromo-3-c1,2,4-Trichloroben1,2-Dibromo-3-c1,2,4-Trichloroben1,2-Dibromo-3-c1,2,4-Trichloroben	ethane ane hloroethane hloroethane opropane e e e lbenzene e ene lbenzene ne uene nzene nzene nzene chloropropane chloropropane chloropropane chloropropane		49 51 47 51 51 100 101 150 150 150 150 150 150 1		

FORM I VOA

OLM03.0

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract: V1SLCS
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: ME1376
Matrix: (soil/water) WATER	Lab Sample ID: LCS-25925
Sample wt/vol: 5.000 (g/mL) ML	Lab File ID: V1H8613
Level: (low/med) LOW	Date Received:
% Moisture: not dec	Date Analyzed: 09/15/06
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	## ## ## ## ## ## ## ## ## ## ## ## ##

FORM I VOA

108-05-4-----Vinyl acetate

156-59-2----cis-1,2-Dichloroethene

71-55-6-----1,1,1-Trichloroethane

590-20-7----2,2-Dichloropropane

563-58-6-----1,1-Dichloropropene

107-06-2----1,2-Dichloroethane

78-87-5-----1,2-Dichloropropane

75-27-4-----Bromodichloromethane

108-10-1-----4-Methyl-2-pentanone

79-00-5-----1,1,2-Trichloroethane

10061-01-5----cis-1,3-Dichloropropene

10061-02-6----trans-1,3-Dichloropropene

79-01-6----Trichloroethene

74-95-3-----Dibromomethane

56-23-5-----Carbon Tetrachloride

74-97-5----Bromochloromethane

78-93-3----2-Butanone

67-66-3-----Chloroform

71-43-2----Benzene

108-88-3-----Toluene

OLMO3.0

46

65

51

47

49

51

47

50

48

48

52

50

51

49

50

49

47

50

48

48

EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:	V1SLCS	
Lab Code: MITKEM	Case No.:	SAS No.:	DG No.: ME1376	
Matrix: (soil/water)	WATER	Lab Sample I	D: LCS-25925	
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V1H8613	
Level: (low/med)	LOW	Date Receive	đ:	
% Moisture: not dec.		Date Analyze	-	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Fac	tor: 1.0	
Soil Extract Volume:_	(uL)	Soil Aliquot	Volume:(ı	ى <i>ت</i> د)
CAS NO.	COMPOUND	CONCENTRATION UNIT (ug/L or ug/Kg) UG		
127-18-4 591-78-6 124-48-1	1,3-Dichloropre Tetrachloroethe 2-Hexanone Dibromochlorome	ethane	49 68 59 49	

142-28-91,3-Dichloropropane		
127-18-4Tetrachloroethene	. 49	
591-78-62-Hexanone	. 68	
124-48-1Dibromochloromethane	. 59	
106-93-41,2-Dibromoethane	. 49	
108-90-7Chlorobenzene	49	
630-20-61,1,1,2-Tetrachloroethane	. 50	·
100-41-4Ethylbenzene	. 50	
TOO II I TOO II TOO II I O II I TOO II I TOO II I TOO II I TOO II I TOO II I TOO II I TOO II I	50	ļI
95-47-6o-Xylene	96	
1330-20-7Xylene (Total)	48	
100-42-5Styrene	140	
75-25-2Bromoform	51	
98-82-8Isopropylbenzene	48	
79-34-51,1,2,2-Tetrachloroethane	48	
108-86-1Bromobenzene	47	
96-18-41,2,3-Trichloropropane	50	
103-65-1n-Propylbenzene	48	
95-49-82-Chlorotoluene	50	
108-67-81,3,5-Trimethylbenzene	50	
106-43-44-Chlorotoluene	48	
98-06-6tert-Butylbenzene	50	
95-63-61,2,4-Trimethylbenzene	38	
135-98-8sec-Butylbenzene	47	
99-87-64-Isopropyltoluene	47	
541-73-11,3-Dichlorobenzene	46	
106-46-71,4-Dichlorobenzene	49	
104-51-8n-Butylbenzene	50	
95-50-11,2-Dichlorobenzene	46	
96-12-81,2-Dibromo-3-chloropropane	49	
120-82-11,2,4-Trichlorobenzene	41	
87-68-3Hexachlorobutadiene	49	
91-20-3Naphthalene	40	
87-61-61,2,3-Trichlorobenzene	42	
-, 2, 3 recondinging	47	
		1

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:	V6PLCS
Lab Code: MITKEM Case No.:	SAS No.:	SDG No.: ME1376
Matrix: (soil/water) WATER	Lab Sam	ple ID: LCS-25895
Sample wt/vol: 5.000 (g/	mL) ML Lab Fil	e ID: V6E5973
Level: (low/med) LOW	Date Re	ceived:
% Moisture: not dec.	Date An	alyzed: 09/14/06
GC Column: DB-624 ID: 0.25	(mm) Dilutio	n Factor: 1.0
Soil Extract Volume:(u	L) Soil Al	iquot Volume:(uL)
CAS NO. COMPOUN	CONCENTRATION (ug/L or ug/K	

			
75-71-8	Dichlorodifluoromethane	41	
74-87-3	Chloromethane	45	
75-01-4	Vinvl Chloride	41	
74-83-9	Bromomethane	44	
75-00-3	Chloroethane	46	
75-69-4	Trichlorofluoromethane	45	
75-35-4	1,1-Dichloroethene	52	
67-64-1	Acetone	72	
74-88-4	Iodomethane	47	
75-15-0	Carbon Disulfide	54	
75-09-2	Methylene Chloride	48	
156-60-5	trans-1.2-Dichloroethene	48	
1634-04-4	Methyl tert-butyl ether	48	•
75-34-3	·1,1-Dichloroethane	48	
108-05-4	·Vinyl acetate	48	_
78-93-3	2-Butanone	55	
156-59-2	cis-1,2-Dichloroethene	48	
590~20-7	2.2-Dichloropropage	60	
74-97-5	Bromochloromethane	46	
67-66-3	Chloroform	47	
71-55-6	1,1,1-Trichloroethane	46	
563-58-6	1.1-Dichloropropene	48	
56-23-5	Carbon Tetrachloride	47	
107-06-2	1,2-Dichloroethane	46	
71-43-2	Benzene	48	-
79-01-6	Trichloroethene	44	
78-87-5	1,2-Dichloropropane	47	
74-95-3	Dibromomethane	48	
75-27-4	Bromodichloromethane	49	
10061-01-5	cis-1,3-Dichloropropene	48	
108-10-1	4-Methyl-2-pentanone	50	
108-88-3	Toluene	46	-
10061-02-6	trans-1,3-Dichloropropene	49	
T000T-07-0	1,1,2-Trichloroethane	42)	

FORM I VOA

EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:	V6PLCS
Lab Code: MITKEM	Case No.:	SAS No.: SD	G No.: ME1376
Matrix: (soil/water)	WATER	Lab Sample ID	: LCS-25895
Sample wt/vol:	5.000 (g/mL) ML:	Lab File ID:	V6E5973
Level: (low/med)	LOW	Date Received	:
% Moisture: not dec.		Date Analyzed	: 09/14/06
GC Column: DB-624	ID: 0.25 (mm)	Dilution Fact	or: 1.0
Soil Extract Volume:	(uL)	Soil Aliquot	Volume:(uL
CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/	
142_28_0	1 2 Third		

(45), 4 01 45	,,,,	×
142-28-91,3-Dichloropropane	48	1
127-18-4Tetrachloroethene	46	1.
591-78-62-Hexanone	→ I	
124-48-1Dibromochloromethane	54 47	
106-93-41,2-Dibromoethane	- 1	İ——
108-90-7Chlorobenzene	48	<u> </u>
630-20-61,1,1,2-Tetrachloroethane	46	
100-41-4Ethylbenzene	. 47	
m,p-Xylene	45	
95-47-6o-Xylene	. 92	
1330-20-7Xylene (Total)	. 46	
100-42-5Styrene	. 140	
75-25-2Bromoform	. 45	
98-82-8Isopropylbenzene	. 46	I
79-34-51,1,2,2-Tetrachloroethane	44	
108-86-1Bromobenzene	51	
96-18-41,2,3-Trichloropropane	48	l <u></u>
103-65-1n-Propylbenzene	52	·
95-49-82-Chlorotoluene	47	l
108-67-81,3,5-Trimethylbenzene	48	
106-43-44-Chlorotoluene	48	İ
98-06-6tert-Butylbenzene	47	ļ
95-63-6	46	Íl
95-63-61,2,4-Trimethylbenzene	47	l
135-98-8sec-Butylbenzene	46	
99-87-64-Isopropyltoluene	46	
541-73-11,3-Dichlorobenzene	47	l}
106-46-71,4-Dichlorobenzene	45	
104-51-8n-Butylbenzene	46	
95-50-11,2-Dichlorobenzene	46	
96-12-81,2-Dibromo-3-chloropropane	55	
120-82-11,2,4-Trichlorobenzene	45	
87-68-3Hexachlorobutadiene	46	
91-20-3Naphthalene	48	B
87-61-61,2,3-Trichlorobenzene	48	В

EPA SAMPLE NO.

SMS-MW-6DMS Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-05AMS Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8589 Level: (low/med) LOW Date Received: 09/12/06 % Moisture: not dec. Date Analyzed: 09/14/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: ____(uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0

		13/13/ 03/H	Q
75-71-8	Dichlorodifluoromethane	55	
74-87-3	Chloromethane	_ 52	
75-01-4	Vinyl Chloride	_ 5 <u>0</u>	•
74-83-9	Bromomethane	58 l	
75-00-3	Chloroethane	- 53 53	
75-69-4	Trichlorofluoromethane	- 33 44	
75-35-4	1,1-Dichloroethene	- 53	
67-64-1	Acetone	_ 35 39	
74-88-4	Iodomethane	- 53	
75-15-0	Carbon Disulfide	_ 55 56	
75-09-2	Methylene Chloride	$-\begin{vmatrix} 50\\52 \end{vmatrix}$	
156-60-5	trans-1,2-Dichloroethene	_ 52 54	•
1634-04-4	Methyl tert-butyl ether	-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
75-34-3	1,1-Dichloroethane	- 1 0 52	•
108-05-4	Vinyl acetate	- 50 50	
78-93-3	2-Butanone	- 30 45	
156-59-2	cis-1,2-Dichloroethene	- 13 53	
590-20-7	2,2-Dichloropropane	- 51 51	
74-97-5	Bromochloromethane	- 51 51 51 51 51 51 51 51 51 51 51 51 51	
67-66-3	Chloroform	- 50	
71-55-6	1,1,1-Trichloroethane	- 50 52	-
563-58-6	1,1-Dichloropropene	_ 52 53	
56-23-5	Carbon Tetrachloride	- 53 52 52 52 52 52 52 52 53 53 53 53 53 53 53 53 53 53 53 53 53	
107-06-2	1,2-Dichloroethane	- 48	
71-43-2	Benzene	- 53	
79-01-6	Trichloroethene	- 53 53	
78-87-5	1,2-Dichloropropane	- 53 52	
74-95-3	Dibromomethane	- 52 50 50 50 50 50 50 50 50 50 50 50 50 50	
75-27-4	Bromodichloromethane		
10061-01-5	cis-1,3-Dichloropropene	_ 50 50	
108-10-1	4-Methyl-2-pentanone		
108-88-3		_ 45	
10061-02-6	trans-1,3-Dichloropropene	_ 53	
79-00-5	1,1,2-Trichloroethane	49	
,,, 00 3	T, T, Z-IIICIIIOIOECHAILE	49	
· · · · · · · · · · · · · · · · · · ·	<u> </u>	_ll	

FORM I VOA

EPA SAMPLE NO.

SMS-MW-6DMS Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-05AMS Sample wt/vol: 5.000 (q/mL) ML Lab File ID: V1H8589 Level: (low/med) LOW Date Received: 09/12/06 % Moisture: not dec. Date Analyzed: 09/14/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 142-28-9-----1,3-Dichloropropane 48 127-18-4----Tetrachloroethene 53 591-78-6----2-Hexanone 46 124-48-1-----Dibromochloromethane 50 106-93-4-----1,2-Dibromoethane 50 108-90-7-----Chlorobenzene 52 630-20-6-----1,1,1,2-Tetrachloroethane 52 100-41-4----Ethylbenzene 52

----m,p-xylene 100 95-47-6-----o-Xylene 51 1330-20-7-----Xylene (Total) 150 100-42-5-----Styrene 52 75-25-2----Bromoform 50 98-82-8-----Isopropylbenzene 52 79-34-5----1,1,2,2-Tetrachloroethane 46 108-86-1----Bromobenzene 53 96-18-4----1,2,3-Trichloropropane 47 103-65-1----n-Propylbenzene 52 95-49-8-----2-Chlorotoluene 52 108-67-8-----1,3,5-Trimethylbenzene 50 106-43-4-----4-Chlorotoluene 52 98-06-6----tert-Butylbenzene 50 95-63-6-----1,2,4-Trimethylbenzene 49 135-98-8----sec-Butylbenzene 50 99-87-6----4-Isopropyltoluene 50 541-73-1-----1,3-Dichlorobenzene 51 106-46-7----1,4-Dichlorobenzene 52 104-51-8----n-Butylbenzene 50 95-50-1-----1,2-Dichlorobenzene 50 96-12-8----1,2-Dibromo-3-chloropropane 40 120-82-1----1,2,4-Trichlorobenzene 52 87-68-3-----Hexachlorobutadiene 48 91-20-3----Naphthalene 43 87-61-6----1,2,3-Trichlorobenzene 52

FORM I VOA

EPA SAMPLE NO.

SMS-MW-6DMSD Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376 Matrix: (soil/water) WATER Lab Sample ID: E1376-05AMSD 5.000 (g/mL) ML Sample wt/vol: Lab File ID: V1H8590 Level: (low/med) LOW Date Received: 09/12/06

% Moisture: not dec. ____ Date Analyzed: 09/14/06

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 75-71-8-----Dichlorodifluoromethane 50 74-87-3-----Chloromethane 52 75-01-4-----Vinyl Chloride 48 74-83-9-----Bromomethane 57 75-00-3-----Chloroethane 52 75-69-4-----Trichlorofluoromethane 42 75-35-4-----1,1-Dichloroethene_ 50 67-64-1-----Acetone 46 74-88-4----Iodomethane 52 75-15-0-----Carbon Disulfide 55 75-09-2-----Methylene Chloride 53 156-60-5----trans-1,2-Dichloroethene 53 1634-04-4-----Methyl tert-butyl ether 51 75-34-3-----1,1-Dichloroethane 52 108-05-4------Vinyl acetate 54 78-93-3----2-Butanone 54 156-59-2----cis-1,2-Dichloroethene 53 590-20-7-----2,2-Dichloropropane 50 74-97-5----Bromochloromethane 53 67-66-3-----Chloroform 51 71-55-6----1,1,1-Trichloroethane 50 563-58-6----1,1-Dichloropropene 51 56-23-5-----Carbon Tetrachloride 49 107-06-2----1,2-Dichloroethane 50 71-43-2----Benzene 53 79-01-6----Trichloroethene 52 78-87-5-----1,2-Dichloropropane 53 74-95-3-----Dibromomethane 53 75-27-4-----Bromodichloromethane 51 10061-01-5----cis-1,3-Dichloropropene 52 108-10-1-----4-Methyl-2-pentanone 53 108-88-3-----Toluene 53 10061-02-6----trans-1,3-Dichloropropene 52 79-00-5-----1,1,2-Trichloroethane 53

FORM I VOA

EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION C	ontract:	SMS-	MW-6DMSD	
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.:	ME1376	<u> </u>
Matrix: (soil/water)	WATER	Lab Samp	ole ID: E137	6-05AMSD	
Sample wt/vol:	5.000 (g/mL) ML	Lab File	: ID: V1H8	1590	
Level: (low/med)	LOW	Date Rec	eived: 09/1	.2/06	
% Moisture: not dec.		Date Ana	lyzed: 09/1	.4/06	
GC Column: DB-624	ID: 0.25 (mm)	Dilution	Factor: 1.	0	
Soil Extract Volume:	(uL;)	Soil Ali	quot Volume		_ (uL)
CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/Kg		Q	
127-18-4 591-78-6 124-48-1 106-93-4 108-90-7 630-20-6 100-41-4 95-47-6 1330-20-7 100-42-5 98-82-8 79-34-5 108-86-1 96-18-4 108-67-8 108-67-8 106-43-4 95-63-6 135-98-8 95-87-6 106-46-7 104-51-8 95-50-1 96-12-8 120-82-1 87-68-3	Dibromochloromet1,2-DibromoetharChlorobenzene1,1,1,2-TetrachEthylbenzenem,p-XyleneXyleneXylene (Total)	thane ne loroethane loroethane propane cene cene cene cene cene cene cene	52 50 54 54 52 53 50 51 150 53 56 51 52 52 52 49 48 52 47 48 52 47 54 48 52 54 56 56 56 56 56 57 57 58 58 58 58 58 58 58 58 58 58 58 58 58		

FORM I VOA

OLMO3.0

SMS-MW-1

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-16B

Sample wt/vol:

1000 (g/mL) ML

Lab File ID: S3D8189

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N)___

Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRA (ug/L or			Q
108-95-2 111-44-4 95-57-8 541-73-1 95-50-1 95-50-1 95-48-7 106-44-5 621-64-7 98-95-3 98-95-3 105-67-9 120-83-2 120-83-2 120-82-1 91-20-3 111-91-1 59-50-7 91-57-6 91-57-6 77-47-4 88-06-2 91-58-7	-Phenol -bis(2-Chloroethy) -2-Chlorophenol -1,3-Dichlorobenze -1,4-Dichlorobenze -1,2-Dichlorobenze -2-Methylphenol -2,2'-oxybis(1-Chl -4-Methylphenol -N-Nitroso-di-n-pr -Hexachloroethane -Nitrobenzene -Isophorone -2-Nitrophenol -2,4-Dimethylphenol -2,4-Dimethylphenol -1,2,4-Trichlorobe -Naphthalene -4-Chloroaniline -Hexachlorobutadie -bis(2-Chloroethox -4-Chloro-3-Methyl -2-Methylnaphthale -Hexachlorocyclope -2,4,6-Trichloroph -2,4,5-Trichloroph	l) Ether ene ene loropropar copylamine ol enzene ene ky) methane lphenol ene entadiene henol ene	ne)	10 10 10 10 10 10 10 10 10 10 10 10 10 1	מממממממממממממממממממממממ
83-32-9	-3-Nitroaniline -Acenaphthene			20 10	ָ ט ויט

FORM I SV-1

Case No.:

EPA SAMPLE NO.

SDG No.: ME1376

SMS-MW-1 Lab Name: MITKEM CORPORATION Contract:

SAS No.:

Matrix: (soil/water) WATER Lab Sample ID: E1376-16B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8189

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: decanted: (Y/N) Date Extracted: 09/15/06

1000 (uL) Concentrated Extract Volume: Date Analyzed: 09/27/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Clearup: (Y/N) N pH:

Lab Code: MITKEM

CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

Q

51-28-5----2,4-Dinitrophenol 20 U 100-02-7----4-Nitrophenol 20 U 132-64-9-----Dibenzofuran 10 U 121-14-2----2,4-Dinitrotoluene 10 U 84-66-2----Diethylphthalate 10 U 7005-72-3----4-Chlorophenyl-phenylether 10 U 86-73-7-----Fluorene 10 U 100-01-6-----4-Nitroaniline 20 T 534-52-1----4,6-Dinitro-2-methylphenol 20 U 86-30-6----N-Nitrosodiphenylamine (1) 10 U 101-55-3----4-Bromophenyl-phenylether 10 U 118-74-1-----Hexachlorobenzene 10 U 87-86-5-----Pentachlorophenol 20 U 85-01-8-----Phenanthrene 10 U 120-12-7-----Anthracene 10 0 86-74-8-----Carbazole 10 U 84-74-2-----Di-n-butylphthalate 10 U 206-44-0----Fluoranthene 10 U 129-00-0-----Pyrene 10 U 85-68-7-----Butylbenzylphthalate 10 U 91-94-1----3,3 -Dichlorobenzidine 10 U 56-55-3-----Benzo (a) anthracene 10 U 218-01-9-----Chrysene 10 U 117-81-7-----bis(2-Ethylhexyl)phthalate 1 5 117-84-0-----Di-n-octylphthalate 10 U 205-99-2----Benzo (b) fluoranthene 10 U 207-08-9-----Benzo(k) fluoranthene 10 | U 50-32-8-----Benzo (a) pyrene 10 U 193-39-5----Indeno (1, 2, 3-cd) pyrene 10 0 53-70-3-----Dibenzo (a, h) anthracene 10 | U 191-24-2----Benzo(g,h,i)perylene 10 U

(i) - Cannot be separated from Diphenylamine

FORM I SV-2

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-1

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-16B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8189

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

Number TICs found: 3

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

1. 143-07-7 DODECANOIC ACID 2. 544-63-8 TETRADECANOIC ACID 3. UNKNOWN 16.51 5. 6. 7. 8. 9. 9. 10. 11. 12. 12. 13. 14. 15. 15. 16. 17. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
2. 544-63-8 TETRADECANOIC ACID 13.60 4 NJ 3. UNKNOWN 16.51 5 J 4.	1. 143-07-7	DODECANOTO ACTO	12.28	23	N.T
3. UNKNOWN 16.51 5 J 4. 5. 6. 7. 8. 9. 10. 11. 12. 12. 13. 14. 15. 16. 17. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19		TETPANECAMOTO ACTO			
4. 5. 6. 7. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26.		LINISALORANI			T
6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26.		CIVILIVONIA	10.51	,	·
6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26.		***************************************			
7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26.					
8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26.				ļ	
9.	'•	ļ		· · · · · · · · · · · · · · · · · · ·	
11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25.				·	·
11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25.	13				
12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25.	1 TO.				
13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25.	_L_L_				
14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25.	1 12:				
15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26.					
16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26.	AT•				
18. 19. 20. 21. 22. 23. 24. 25. 26.	1 1.3 -				
18. 19. 20. 21. 22. 23. 24. 25. 26.	16	***************************************			
18. 19. 20. 21. 22. 23. 24. 25. 26.	1 1.7.				
20. 21. 22. 23. 24. 25. 26.	1 18.	·			l
21. 22. 23. 24. 25. 26.				·	ļ
22. 23. 24. 25. 26.	, 20.				
23. 24. 25. 26.	I 44.				
24. 25. 26.	1 44.				
25. 26.	<i>Z3</i>				
26.					
	1 Z5.		,		,
ı -					
41.	241.				•
28.	28.				-
29.	29.				
30.	30.			-	

SMS-MW-15

Q

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-11B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8184

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: decanted: (Y/N) Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

	,g,g,		**
108-95-2Phenol		10	
111-44-4bis(2-Ch	Tarantika 1 \ Tithan	10	
95-57-82-Chloro	mpono_		
		10	
541-73-11,3-Dich		10	
106-46-71,4-Dich	itorobenzene	10	
95-50-11,2-Dich	lorobenzene	10	
95-48-72-Methyl	pnenoi	10	
108-60-12,2'-oxy	prs(r-curoroprobane)	10	
106-44-54-Methyl	buenor	10	
621-64-7N-Nitros	o-di-n-propylamine	10	
67-72-1Hexachlo		10	
98-95-3Nitrober		10	
78-59-1Isophoro		10	
88-75-52-Nitrop	henol	10	
105-67-92,4-Dime	thylphenol	10	
120-83-22,4-Dich		10	
120-82-11,2,4-Tr		10	
91-20-3Naphthal	ene	10	
106-47-84-Chlord		10	
87-68-3Hexachlo		10	
111-91-1bis(2-Ch	loroethoxy) methane	10	U
59-50-74-Chloro	-3-Methylphenol	10	U
91-57-62-Methyl	naphthalene	10	ן ט
77-47-4Hexachlc		10	U
88-06-22,4,6-Tr	richlorophenol	10	ี บ
95-95-42,4,5-Tr	richlorophenol	20	ן ש
91-58-72-Chloro	naphthalene	10	ע
88-74-42-Nitroa	niline	20	
131-11-3Dimethyl	phthalate	10	
208-96-8Acenapĥt	ĥylene	10	
606-20-22,6-Dini		10	
99-09-23-Nitroa	niline	20	
83-32-9Acenapht	hene	10	
· ·			
			١١

FORM I SV-1

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-11B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8184

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

		Ī
51-28-52,4-Dinitrophenol	20	
100-02-74-Nitrophenol	20	
132-64-9Dibenzofuran	10	U
121-14-22,4-Dinitrotoluene	10	U
84-66-2Diethylphthalate	10	U
7005-72-34-Chlorophenyl-phenylether	10	ប
86-73-7Fluorene	10	U
100-01-64-Nitroaniline	20	
534-52-14,6-Dinitro-2-methylphenol	20	
86-30-6N-Nitrosodiphenylamine (1)	10	ľ
101-55-34-Bromophenyl-phenylether	10	
118-74-1Hexachlorobenzene	10	
87-86-5Pentachlorophenol	20	
85-01-8Phenanthrene	10	
120-12-7Anthracene	10	
86-74-8Carbazole	10	
84-74-2Di-n-butylphthalate	10	
206-44-0Fluoranthene	10	
129-00-0Pyrene	10	
85-68-7Butylbenzylphthalate	10	
91-94-13,31-Dichlorobenzidine	10	
56-55-3Benzo (a) anthracene	10	
218-01-9Chrysene	10	
117-81-7bis(2-Ethylhexyl)phthalate	10	
117-84-0Di-n-octylphthalate	10	
205-99-2Benzo (b) fluoranthene	10	
207-08-9Benzo (k) fluoranthene	10	
50-32-8Benzo (a) pyrene	10	
193-39-5Indeno (1, 2, 3-cd) pyrene	10	
53-70-3Dibenzo(a,h)anthracene	10	
191-24-2Benzo(g,h,i)perylene	10	,
- Cannot be generated from Dinhenylamine		

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

S3D8184

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

Lab Name:

Number TICs found: 0

TENTATIVELY]	IDENTIFIED COMPOUNDS	
		SMS-MW-15
MITKEM CORPORATION	Contract:	-

(ug/L or ug/Kg) ug/L

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-11B

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N)___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS:

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	=======================================	======	==========	=====
1				
1 4.				
3				
1 'X.				
4. 5.				
6.				
7	•	·		
8		-		
9				
9				
10		·		
	•			
			-	
	•			
14. 15.				
15.	• •			
16. 17.				
1 7.				
18.				
, 20.				
21.			<u> </u>	
22.				
23.				
1 44.				
43.				
40.				
41.			· · · · · · · · · · · · · · · · · · ·	
20.	•			
29.			· · · · · · · · · · · · · · · · · · ·	
30.	•			
			·	l !

FORM I SV-TIC

OLMO3.0

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-17B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8190

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: decanted: (Y/N) Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Clearup: (Y/N) N pH: ___

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

		
108-95-2Phenol	10	U
111-44-4bis(2-Chloroethyl)Ether	10	, -
95-57-82-Chlorophenol	10	
541-73-11,3-Dichlorobenzene	10	ซื
106-46-71,4-Dichlorobenzene	10	ซ
95-50-11,2-Dichlorobenzene	10	τī
95-48-72-Methylphenol	10	τï
108-60-12,2'-oxybis(1-Chloropropane)	10	Ψ
106-44-54-Methylphenol	10	_
621-64-7N-Nitroso-di-n-propylamine	10	1
67-72-1Hexachloroethane	10	1
98-95-3Nitrobenzene	10	Ü
78-59-1Isophorone	10	Ü
88-75-52-Nitrophenol	10	ττ
105-67-92,4-Dimethylphenol	10	ប៊
120-83-22,4-Dichlorophenol	10	tī
120-82-11,2,4-Trichlorobenzene	10	ប
91-20-3Naphthalene	10	π
106-47-84-Chloroaniline	10	ប
87-68-3Hexachlorobutadiene	10	U
111-91-1bis (2-Chloroethoxy) methane	10	ប
59-50-74-Chloro-3-Methylphenol	10	TI
91-57-62-Methylnaphthalene	10	ប
77-47-4Hexachlorocyclopentadiene	10	וז
		υ
88-06-22,4,6-Trichlorophenol	10	•
95-95-42,4,5-Trichlorophenol 91-58-72-Chloropaphthalene	20	Ŭ
88-74-42-Nitroaniline	10	Ü
	20	ប
131-11-3Dimethylphthalate	10	ប
208-96-8Acenaphthylene	10	U
606-20-22,6-Dinitrotoluene	10	ប
99-09-23-Nitroaniline	20	U
83-32-9Acenaphthene	10	ប

FORM I SV-1

OLMO3.0

SMS-MW-2

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-17B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8190

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N)__ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	(ug/L or	ug/Kg)	UG/L	Q
51-28-5	2,4-Dinitropheno	1		20	σ
100-02-7	4-Nitrophenol			20	U
132-64-9	Dibenzofuran			10	
121-14-2	2,4-Dinitrotolue	ne		10	
84-66-2	Diethylphthalate	•		10	
7005-72-3	4-Chlorophenyl-pl	henylether		10	
86-73-7	Fluorene	•		10	
100-01-6	4-Nitroaniline	•		20	U
534-52-1	4,6-Dinitro-2-me	thylphenol	<u> </u>	20	U
86-30-6	N-Nitrosodipheny	lamine (1)		10	U
101-55-3	4-Bromophenyl-ph	enylether		10	U
118-74-1	Hexachlorobenzen	е		10	U
	Pentachloropheno	1.		20	U
	Phenanthrene	•		10	U
	Anthracene			10	U
	Carbazole			10	
	Di-n-butylphthal:	ate		10	
	Fluoranthene			10	
129-00-0				10	
	Butylbenzylphtha			10	
	3,3"-Dichloroben			10	U
	·Benzo (a) anthrace:	ne		10	
	Chrysene			10	
117-81-7	·bis(2-Ethylhexyl)phthalate		2	J
117-84-0	Di-n-octylphthal:	ate		10	,
205-99-2	·Benzo (b) fluorantl	hene		10	
	Benzo (k) fluoranti	hene		10	
50-32-8	Benzo(a)pyrene			10	
193-39-5	Indeno (1,2,3-cd)	pyrene_		10	
53-70-3	·Dibenzo (a,h) anth:	racene		10	
191-24-2	Benzo(g,h,i)pery	lene		10	U
- Cannot be					

FORM I SV-2

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-17B

Sample wt/vol:

1000 (g/mL) ML

Lab File ID: S3D8190

Level:

(low/med)

LOW

Date Received: 09/13/06

% Moisture: decanted: (Y/N)

Date Extracted: 09/15/06

Concentrated Extract Volume: 1000(uL)

Number TICs found: 3

Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 143-07-7 2. 3.	DODECANOIC ACID UNKNOWN UNKNOWN	12.27 16.51 17.61	12 6 5	IJJ J
6 7 8.				
10.				
14. 15. 16.				
19. 20.				
23				
26. 27. 28. 29.				

FORM I SV-TIC

SMS-MW-3

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-12B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3D8185

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N)___

Date Extracted: 09/15/06

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRA (ug/L or	ATION UNI ug/Kg) U		Q
108-95-2	Phenol			10	U
	bis(2-Chloroeth	vl)Ether		10	I I
95-57-8	2-Chlorophenol			10	
541-73-1	1,3-Dichlorober	zene		10	1 ''
106-46-7	1,4-Dichlorober	zene		10	
95-50-1	1,2-Dichlorober	zene		10	
95-48-7	2-Methylphenol			10	
	2,2'-oxybis(1-0	hloropropar	<u>ie)</u>	10	I I
106-44-5	4-Methylphenol			10	1 1
621-64-7	N-Nitroso-di-n-	propylamine		10	ן ט
67-72-1	Hexachloroethar	e i		10	ט ו
98-95-3	Nitrobenzene			10	ן טן
78-59-1	Isophorone			10	ן ט
88-75-5	2-Nitrophenol			10	ן ש
	2,4-Dimethylphe			10	ן שׁן
	2,4-Dichlorophe			10	ן ט
120-82-1	1,2,4-Trichloro	benzene		10	ן שן
	Naphthalene			10	ן טן
	4-Chloroaniline		<u> </u>	10	ן שן
	Hexachlorobutad			10	ן טן
111-91-1	bis(2-Chloroeth	oxy) methane		10	ן ש
59-50-7	4-Chloro-3-Meth	ylphenol	_	10	ן שן
91-57-6	2-Methylnaphtha	lene		10	U
77-47-4	Hexachlorocyclo	pentadiene		10	ש
88-06-2	2,4,6-Trichloro	phenol		10	Ü
95-95-4	2,4,5-Trichloro	phenol		20	U
91-58-7	2-Chloronaphtha	lene		10	U
	2-Nitroaniline			20	U
	Dimethylphthala	.te		10	J - I
208-96-8	Acenaphthylene			10	
606-20-2	2,6-Dinitrotol	ene		10	
	3-Nitroaniline			20	U
83-32-9	Acenaphthene			10	U
]		

FORM I SV-1

OLMO3.0

SMS-MW-3

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-12B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8185

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N)___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	(ug/L c	r ug/Kg)	UG/L	Q
51-28-5	2,4-Dinitroph	enol		20	ש
100-02-7	4-Nitrophenol	-		20	U
132-64-9	Dibenzofuran '		<u> </u>	10	
121-14-2	$2,4$ -Dinitrot $\overline{0}$	luene		10	U
84-66-2	Diethylphthal	ate		10	U
7005-72-3	4-Chloropheny	l-phenyleth	er	10	U
86-73-7	Fluorene			10	U
	4-Nitroanilin			20	Ü
534-52-1	4,6-Dinitro-2	-methylphen	ol	20	Ü
86-30-6	N-Nitrosodiph	enylamine (1)	10	U
101-55-3	4-Bromophenyl	-phenylethe	r	10	U
118-74-1	Hexachloroben	zene	—	10	บ
	Pentachloroph	enol		20	U
	Phenanthrene	•		10	Ü
120-12-7	Anthracene —			10	U
	Carbazole			10	U
	Di-n-butylpht	halate		10	ប
	Fluoranthene			10	U
129-00-0	Pyrene			10	U
85-68-7	Butylbenzylph	thalate		10	U
91-94-1	3,3 ³ -Dichloro	benzidine		10	U
56-55-3	·Benzo (a) anthr	acene		10	U
	Chrysene			10	U
117-81-7	·bis(2-Ethylhe	xyl)phthala	te	2	J
117-84-0	Di-n-octylpht	halate		10	U
205-99-2	·Benzo (b) fluor	anthene		10	บ
207-08-9	Benzo(k) fluor	anthene		10	U
50-32-8	Benzo (a) pyren	e		10	U
193-39-5	·Indeno (1, 2, 3-	cd) pyrene		10	U
53-70-3	·Dibenzo(a,h)a	nthracene		10	Ü
191-24-2	Benzo(g,h,i)p	erylene_		10	Ü
	_ · · · -				

FORM I SV-2

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

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

SMS-MW-3

	Tap 1	vame:	MTTKEM	CORPORATION
--	-------	-------	--------	-------------

Contract:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-12B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3D8185

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 143-07-7	DODECANOIC ACID	12.26		NJ
2	DODACHNOIC ACID	12.20	,	IND
2. 3.				
4.				
4				
5 6				
7	-	·	· · · · · · · · · · · · · · · · · · ·	
8				
9			·	·
I 10.				
│ 			·	
.i.e		•		
13.				
14.		·		
l 15.				
16		· · · · · · ·	ļ-	•
			· · · · · · · · · · · · · · · · · · ·	
				•
(A.J.				
20.				
I 2.I.				
22.				
2 .3.				
44.				
23.			,	
40.				
27.				
28.				
29.				
30				·
				*

FORM I SV-TIC

SMS-MW-3A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-13B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8186

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: decanted: (Y/N) Date Extracted: 09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/kg) UG/L Q

CAS INC.	COMPOUND (ug	/L OF ug/kg/	OG/ Li	Q
108-95-2	Phenol		1.0	U
	bis(2-Chloroethyl)Et	her	10	
95-57-8	2-Chlorophenol		10	
541-73-1	1,3-Dichlorobenzene		10	1
106-46-7	1,4-Dichlorobenzene		10	1
	1,2-Dichlorobenzene		10	
	2-Methylphenol		10	
	2,2'-oxybis(1-Chloro	propane)	10	
106-44-5	4-Methylphenol	· · · · · · · · · · · · · · · · · · ·	10	
	N-Nitroso-di-n-propy	lamine	10	
67-72-1	Hexachloroethane		10	
	Nitrobenzene		10	
	Isophorone		10	
	2-Nitrophenol		10	
	2,4-Dimethylphenol		10	
120-83-2	2,4-Dichlorophenol		10	
120-82-1	1,2,4-Trichlorobenze	ne l	10	
91-20-3	Naphthalene	···	10	
	4-Chloroaniline		10	
87-68-3	Hexachlorobutadiene		10	
111-91-1	bis(2-Chloroethoxy) \overline{m}	ethane	10	
59-50-7	4-Chloro-3-Methylphe	nol —	10	
91-57-6	2-Methylnaphthalene		10	ซ
77-47-4	Hexachlorocyclopenta	diene	10	U
	2,4,6-Trichloropheno		10	
95-95-4	2,4,5-Trichloropheno		20	ΰ
91-58-7	2-Chloronaphthalene		10	U
	2-Nitroaniline		20	U
131-11-3	Dimethylphthalate		10	
208-96-8	Acenaphthylene		10	
	2,6-Dinitrotoluene		10	
	3-Nitroaniline		20	
83-32-9	Acenaphthene		10	

FORM I SV-1

SMS-MW-3A

Lab Name: MITKEM CORPORATION

Contract:

Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-13B

Sample wt/vol:

Lab Code: MITKEM

1000 (g/mL) ML

Lab File ID: S3D8186

Level:

(low/med)

LOW

Date Received: 09/13/06

% Moisture: decanted: (Y/N)

Date Extracted: 09/15/06

Concentrated Extract Volume:

1000 (uL)

Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: ____

CAS NO.	COMPOUND		ATION UNITS: ug/Kg) UG/L		Q
51-28-5 100-02-7 132-64-9 121-14-2 84-66-2 7005-72-3 86-73-7 100-01-6 534-52-1 86-30-6 101-55-3 118-74-1 87-86-5 85-01-8 120-12-7 86-74-8	2,4-Dinitrophenol4-NitrophenolDibenzofuran2,4-DinitrotoDiethylphthal4-ChlorophenyFluorene4-Nitroaniline4,6-Dinitro-2N-Nitrosodiphe4-BromophenylHexachlorobenPentachlorophePhenanthreneCarbazoleDi-n-butylpht	(ug/L or enol_ luene ate l-phenylether enotylphenolenylamine (1) -phenylether zene enol	ug/Kg) UG/L	20 20 10 10 10 20 20 10 10 10 10	מממממממממממממ
129-00-0 85-68-7 91-94-1 56-55-3 218-01-9 117-81-7 117-84-0 205-99-2 207-08-9 50-32-8 193-39-5 191-24-2	FluoranthenePyrene	cenzidine acene xyl)phthalate halate anthene anthene cd)pyrene hthracene erylene		10 10 10 10 10 10 10 10 10 10	पववववव

FORM I SV-2

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-3A

Lab Name: MITKEM CORPORATION

Contract:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-13B

Sample wt/vol:

1000 (g/mL) ML

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

Lab File ID: S3D8186

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N)___

Date Extracted: 09/15/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS: Number TICs found: 3 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 143-07-7	DODECANOIC ACID	12.27	9	
2.	UNKNOWN	16.50	4	J
3.	UNKNOWN	17.62	4	J
4.				
,				
, ,,				
				·
1 0.				
1 -2 -				
10				
11.		İ		
11.	<u> </u>	ļ		
1 44.				
alase 0		ļ	ļ	
LT.				
L.J.		ļ	<u> </u>	ļ
16.	<u></u>			
· * / *				
, _				·
21.				
1 22.				
23.		·	· · · · · · · · · · · · · · · · · · ·	
24				
24.	-	·	ļ 	
, 45.				
1 20.				
L Z i •			ļ	
, 20.				
1 49.			ļ	
30				
<u> </u>]

FORM I SV-TIC

SMS-MW-4

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-14B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3D8187

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N) Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND		ATION UNITS: ug/Kg) UG/L	Q	!
95-57-8 541-73-1 106-46-7 95-50-1 95-48-7 108-60-1 621-64-7 67-72-1 98-95-3 105-67-9 120-83-2 120-83-2 120-82-1 120-83-2 120-83-2 120-83-2 120-83-12 120-83-12 120-83-12 91-20-3 120-83-12 91-20-3 120-83-1 91-20-3 120-83-1 120-83-1 131-11-3 91-57-6 91-57-6 91-58-7 91-58-7 91-58-7 91-58-7 91-58-7 91-58-7 91-58-7 91-58-7 91-58-7 91-58-7 91-58-7 91-58-7 91-58-7 91-58-7 91-58-7 91-58-7 91-58-7	-bis (2-Chloroethy: -2-Chlorophenol -1,3-Dichlorobenze -1,4-Dichlorobenze -1,2-Dichlorobenze -2-Methylphenol -2,2'-oxybis (1-Ch -4-Methylphenol -N-Nitroso-di-n-pr -Hexachloroethane -Nitrobenzene -Isophorone -2-Nitrophenol -2,4-Dimethylphenol -2,4-Dimethylphenol -1,2,4-Trichlorobe -Naphthalene -4-Chloroaniline -Hexachlorobutadie -bis (2-Chloroethor -4-Chloro-3-Methyl -2-Methylnaphthale -Hexachlorocyclope -2,4,5-Trichloropl -2,4,5-Trichloropl -2,4,5-Trichloropl -2-Chloronaphthale -2-Nitroaniline -Dimethylphthalate -Acenaphthylene -2,6-Dinitrotoluer -3-Nitroaniline	ene ene loropropar ropylamine col col col enzene ene ky) methane lphenol ene entadiene henol ene	3	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
	÷				ļ

FORM I SV-1

SMS-MW-4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-14B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8187

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: decanted: (Y/N) Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/kg) UG/L Q

51-28-5----2,4-Dinitrophenol 20 U 100-02-7----4-Nitrophenol 20 U 132-64-9-----Dibenzofuran 10 ע 121-14-2----2,4-Dinitrotoluene 10 U 84-66-2-----Diethylphthalate 10 U 7005-72-3----4-Chlorophenyl-phenylether 10 U 86-73-7-----Fluorene 10 U 100-01-6-----4-Nitroaniline 20 U 534-52-1-----4,6-Dinitro-2-methylphenol 20 U 86-30-6----N-Nitrosodiphenylamine (1) 10 ប 101-55-3-----4-Bromophenyl-phenylether 10 U 118-74-1-----Hexachlorobenzene 10 | ט 87-86-5-----Pentachlorophenol 20 T 85-01-8-----Phenanthrene 10 U 120-12-7-----Anthracene 10 U 86-74-8-----Carbazole 10 ע 84-74-2-----Di-n-butylphthalate 10 U 206-44-0----Fluoranthene 10 U 10 U 129-00-0-----Pyrene 85-68-7-----Butylbenzylphthalate 10 U 91-94-1----3,3 -Dichlorobenzidine 10 U 56-55-3-----Benzo (a) anthracene 10 U 218-01-9-----Chrysene 10 U 117-81-7-----bis(2-Ethylhexyl)phthalate 10 U 117-84-0-----Di-n-octylphthalate 10 U 205-99-2----Benzo (b) fluoranthene 10 U 207-08-9----Benzo(k) fluoranthene 10 ע 50-32-8-----Benzo (a) pyrene 10 U 193-39-5----Indeno(1,2,3-cd)pyrene_ 10 U 53-70-3-----Dibenzo(a,h)anthracene 10 U 191-24-2-----Benzo(g,h,i)perylene 10 U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

T 1.	50		CORRORATION
Lab	Name:	MILLKEM	CORPORATION

Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-14B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3D8187

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N)___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS: Number TICs found: 0 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
1 -				
1				
2		·	· · · · · · · · · · · · · · · · · · ·	
4		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
5				
6		•		
7				
8. 9.		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
1 10.			-	
11.	-			
	•	·		·
13.				
14	•	-	-	
15] 			
16.				
16. 17. 18				
18.				
19.			-	
20				
21.		-	· · · · · · · · · · · · · · · · · · ·	
22.				
		•	•	
4T.				
			-	
20.		-	-	
41.				
28.		-	ļ ·	
24,54				
30				
			-	
	1	·	·	· ——— ˈ

FORM I SV-TIC

SMS-MW-5

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-03B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3D8125

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: decanted: (Y/N)

Date Extracted: 09/15/06

Concentrated Extract Volume: 1000(uL)

CAS NO.

Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

COMPOUND

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

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

Q

	108-95-2	Dheno I	10	TT
1		ois (2-Chloroethyl) Ether	10	_
1	95-57-8	2-Chlorophonol	10	
1		L,3-Dichlorobenzene	10	
1		L,4-Dichlorobenzene	10	
Ì		1,2-Dichlorobenzene	10	
١				
١	95-48-7		10	
١	108-60-1	2,2'-oxybis(1-Chloropropane)	10	
١	106-44-5		10	
١	621-64-7	N-Nitroso-di-n-propylamine_	10	
١	67-72-1		10	
١	98-95-31		10	
١	78-59-1		1.0	
١	88-75-52	2-Nitrophenol	10	
١	105-67-92	2,4-Dimethylphenol	10	
١	120-83-22	2,4-Dichlorophenol	10	
١	120-82-1	1,2,4-Trichlorobenzene	10	
١	91-20-31	Vaphthalene	10	
1	106-47-8		10	U
١		Hexachlorobutadiene	10	U
١	111-91-1	ois (2-Chloroethoxy) methane	10	Ū
١	59-50-7	1-Chloro-3-Methylphenol	10	U
١	91-57-6	2-Methylnaphthalene	10	lυ
۱	77-47-4	Hexachlorocyclopentadiene	10	U
١		2,4,6-Trichlorophenol	10	U
1		2,4,5-Trichlorophenol	20	U
1	91-58-72	2-Chloronaphthalene	10	υ
	88-74-4		20	i
1		Dimethylphthalate	10	ſ
1	208-96-8		10	
	606-20-2	2,6-Dinitrotoluene	10	
1	99-09-2	3-Nitroaniline	20	i
	83-32-9			ΙÜ
			7.0	-
1			l	I -

FORM I SV-1

EPA SAMPLE NO.

SMS-MW-5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-03B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3D8125

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: ____ decanted: (Y/N) Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	(ug/L or ug/Kg) (
51-28-5	2,4-Dinitroph	enol	20 U
	4-Nitrophenol		20 ט
	Dibenzofuran		ט 10
121-14-2	2,4-Dinitroto	luene	ט 10
	Diethylphthal		10 U
	4-Chloropheny		ט 10
	Fluorene i	* * —	10 U
100-01-6	4-Nitroanilin	ie .	20 ປັ
534-52-1	4,6-Dinitro-2	-methylphenol	20 ע
86-30-6	N-Nitrosodiph	enylamine (1)	ט 10
101-55-3	4-Bromophenÿl	-phenylether	10 U
118-74-1	Hexachlorober	zene	10 U
87-86-5	Pentachloroph	enol	20 ש
	Phenanthrene		10 U
120-12-7	Anthracene —		10 U
	Carbazole		10 U
84-74-2	Di-n-butylpht	halate	10 ប
	Fluorantĥene		10 U
129-00-0	Pyrene		10 U
85-68-7	Butylbenzylph	thalate	10 U
91-94-1	3,3 ⁷ -Dichlord	benzidine	10 U
	Benzo (a) anthr	acene	ט 10
	Chrysene		10 U
117-81-7	bis(2-Ethylhe	xyl)phthalate	1 J
117-84-0	Di-n-octylpht	halate	10 U
205-99-2	Benzo (b) fluor	anthene	ט 10
207-08-9	Benzo (k) fluor	anthene	10 U
50-32-8	Benzo (a) pyren	ie	10 U
193-39-5	Indeno (1, 2, 3-	cd) pyrene	ט 10
53-70-3	Dibenzo(a,h)a	nthracene	10 U
	Benzo(g,h,i)p		ט (10

FORM I SV-2

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-5

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8125

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: _____ decanted: (Y/N)___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Number TICs found: 0

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	·	ļ		
4.			·	
<u> </u>				
1 4 1			<u></u>	·
J •	·,			
U.				
<i>,</i> .		ļ	ļ	
9.		ļ		
T.O.*				
1.1.				
12	·			
ا مقسطت				
14.				
1 10 1				
	_	,		
10.				
1.J.		1		
20.				
44.		ļ	-	
23.				
24.		}	├	
25.				
26.		<u> </u>	· · · · · · · · · · · · · · · · · · ·	·
27	·			
28.			·	I
29.				
30		<u> </u>		
30		}		
		1		l

FORM I SV-TIC

SMS-MW-6D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-05B

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: S3D8126

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: decanted: (Y/N) Date Extracted:09/15/06

Concentrated Extract Volume: 500(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND (ug/L or ug	J/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	_ 10	Ţ
95-57-8	2-Chlorophenol	⁻ 10	U
541-73-1	1,3-Dichlorobenzene	_ 10	U
106-46-7	1,4-Dichlorobenzene	7 10	ប
95-50-1	1,2-Dichlorobenzene	⁻ 10	U
95-48-7	2-Methylphenol	⁻ 10	U
	2,2'-oxybis(1-Chloropropane)	万 10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	⁻ 10	U
67-72-1	Hexachloroethane	⁻ 10	U
98-95-3	Nitrobenzene	- 10	U
78-59-1	Isophorone	_ 10	U
	2-Nitrophenol	_[10	
	2,4-Dimethylphenol	_ 10	
120-83-2	2,4-Dichlorophenol	_	U
120-82-1	1,2,4-Trichlorobenzene	10	
91-20-3	Naphthalene	_ 10 <u> </u>	U
	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	
	bis(2-Chloroethoxy)methane	10	
	4-Chloro-3-Methylphenol	_ 10	
	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	Ū
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	Ü
91-58-7	2-Chloronaphthalene	10	
	2-Nitroaniline	_ 20	
	Dimethylphthalate	10	
208-96-8	Acenaphthylene	- 10	
	2,6-Dinitrotoluene	- <u>1</u> 0	
	3-Nitroaniline	20	
	Acenaphthene	10	
		-	

FORM I SV-1

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-05B

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: S3D8126

Level: (low/med) LOW Date Received: 09/12/06

% Moisture: decanted: (Y/N) Date Extracted:09/15/06

Concentrated Extract Volume: 500(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

51-28-5----2,4-Dinitrophenol 20 U 100-02-7----4-Nitrophenol 20 U 132-64-9-----Dibenzofuran 10 U 121-14-2----2,4-Dinitrotoluene 10 U 84-66-2-----Diethylphthalate 10 U 7005-72-3----4-Chlorophenyl-phenylether 10 U 86-73-7-----Fluorene 10 U 100-01-6----4-Nitroaniline 20 U 534-52-1----4,6-Dinitro-2-methylphenol 20 U 86-30-6-----N-Nitrosodiphenylamine (1) 10 0 101-55-3----4-Bromophenyl-phenylether 10 U 118-74-1-----Hexachlorobenzene 10 U 87-86-5-----Pentachlorophenol 20 U 85-01-8-----Phenanthrene 2 J 120-12-7-----Anthracene 10 U 86-74-8-----Carbazole 10 U 84-74-2-----Di-n-butylphthalate 2 J 206-44-0----Fluoranthene 2 J 2 129-00-0-----Pyrene J 85-68-7-----Butylbenzylphthalate 10 U 91-94-1----3,3'-Dichlorobenzidine 10 U 56-55-3-----Benzo (a) anthracene 10 U 218-01-9-----Chrysene 10 U 117-81-7-----bis(2-Ethylhexyl)phthalate 3 1 117-84-0-----Di-n-octylphthalate 10 U 205-99-2-----Benzo (b) fluoranthene 10 0 207-08-9-----Benzo(k) fluoranthene 10 U 50-32-8-----Benzo (a) pyrene 10 0 193-39-5----Indeno (1, 2, 3-cd) pyrene 10 U 53-70-3-----Dibenzo (a, h) anthracene 10 U 191-24-2----Benzo(g,h,i)perylene 10 U

(i) - Cannot be separated from Diphenylamine

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-6D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-05B

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: S3D8126

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: ____ decanted: (Y/N)___ Date Extracted:09/15/06

Concentrated Extract Volume: 500 (uL) Date Analyzed: 09/26/06

Number TICs found: 0

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
1.				
4.		-		
 •				
~ .				
U •				
·				
TU.			·	
alla de a				
12.	-			
13				
14	-			
15. 16.				
17.				
18				
19.		· · · · · · · · · · · · · · · · · · ·	-	
	-	· · · · · · · · · · · · · · · · · · ·		
			-	
		· · · · · · · · · · · · · · · · · · ·	-	
~~·				
7.4 .			-	
45.				
26.			-	
Z1.				
20.				
4J.				
30				
	l			

FORM I SV-TIC

EPA SAMPLE NO.

SMS-MW-6S

Lab Name: MITKEM CORPORATION

Contract:

Q

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-01B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3D8123

CONCENTRATION UNITS:

(uq/L or uq/Kq) UG/L

Level: (low/med) LOW

CAS NO.

Date Received: 09/12/06

% Moisture: ____ decanted: (Y/N)___

Date Extracted: 09/15/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/25/06

Injection Volume: 1.0(uL)

COMPOUND

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

108-95-2Phenol	10	ש
111-44-4bis(2-Chloroethyl)Ether	10	
95-57-82-Chlorophenol	10	l
541-73-11,3-Dichlorobenzene	10	-
106-46-71,4-Dichlorobenzene	10	J
95-50-11,2-Dichlorobenzene	10	_
95-48-72-Methylphenol	10	
108-60-12,2'-oxybis(1-Chloropropane)	10	ם
106-44-54-Methylphenol	10	_
621-64-7N-Nitroso-di-n-propylamine	10	П
67-72-1Hexachloroethane	10	
98-95-3Nitrobenzene		
	10	
78-59-1Isophorone	10	
88-75-52-Nitrophenol	10	
105-67-92,4-Dimethylphenol	10	
120-83-22,4-Dichlorophenol	10	
120-82-11,2,4-Trichlorobenzene	10	1
91-20-3Naphthalene	10	1
106-47-84-Chloroaniline	10	l
87-68-3Hexachlorobutadiene	10	ı
111-91-1bis(2-Chloroethoxy) methane	10	Ü
59-50-74-Chloro-3-Methylphenol	10	U
91-57-62-Methylnaphthalene	10	ΰ
77-47-4Hexachlorocyclopentadiene	10	U
88-06-22,4,6-Trichlorophenol	10	U
95-95-42,4,5-Trichlorophenol	20	שׁ
91-58-72-Chloronaphthalene	10	U
88-74-42-Nitroaniline	20	שׁ
131-11-3Dimethylphthalate	10	U
208-96-8Acenaphthylene	10	l
606-20-22,6-Dinitrotoluene	10	Ū
99-09-23-Nitroaniline	20	l
83-32-9Acenaphthene	10	บั
		_
 -		•

FORM I SV-1

SMS-MW-6S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM SDG No.: ME1376 Case No.: SAS No.:

Matrix: (soil/water) WATER Lab Sample ID: E1376-01B

Sample wt/vol: 1000 (q/mL) ML Lab File ID: S3D8123

Level: (low/med) LOW Date Received: 09/12/06

% Moisture: decanted: (Y/N) Date Extracted: 09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/25/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

> CONCENTRATION UNITS: CAS NO. COMPOUND (uq/L or uq/Kq) UG/L

Q

51-28-5----2,4-Dinitrophenol 20 U 100-02-7----4-Nitrophenol 20 U 132-64-9-----Dibenzofuran 10 | ט 121-14-2----2,4-Dinitrotoluene 10 U 84-66-2----Diethylphthalate 10 U 7005-72-3-----4-Chlorophenyl-phenylether 10 U 86-73-7-----Fluorene 10 U 100-01-6-----4-Nitroaniline 20 U 534-52-1----4,6-Dinitro-2-methylphenol 20 U 86-30-6----N-Nitrosodiphenylamine (1) 10 U 101-55-3----4-Bromophenyl-phenylether 10 U 118-74-1-----Hexachlorobenzene 10 U 87-86-5-----Pentachlorophenol 20 U 85-01-8-----Phenanthrene 10 U 120-12-7-----Anthracene 10 U 86-74-8-----Carbazole 10 | ט 84-74-2-----Di-n-butylphthalate 10 U 206-44-0----Fluoranthene 10 U 129-00-0-----Pyrene 10 U 85-68-7-----Butylbenzylphthalate 10 U 91-94-1----3,3'-Dichlorobenzidine 10 U 56-55-3-----Benzo (a) anthracene 10 U 218-01-9-----Chrysene 10 U 117-81-7-----bis(2-Ethylhexyl)phthalate 4 J 117-84-0-----Di-n-octylphthalate 10 U 205-99-2-----Benzo (b) fluoranthene 1|J207-08-9-----Benzo(k) fluoranthene 10 U 50-32-8-----Benzo (a) pyrene 10 U 193-39-5----Indeno (1, 2, 3-cd) pyrene 10 U 53-70-3----Dibenzo (a, h) anthracene 10 U 191-24-2----Benzo(g,h,i)perylene 10 U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-6S

Lab Name: MITKEM CORPORATION

Contract:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-01B

1000 (g/mL) ML Lab File ID: S3D8123

Sample wt/vol:

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

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: ____ decanted: (Y/N)___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/25/06

Number TICs found: 11

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

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

· · · · · · · · · · · · · · · · · · ·	 	i	· · · · · · · · · · · · · · · · · · ·	
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	5.90	5	
1.				Ţ
2.	UNKNOWN	7.86	4	ũ
3.	UNKNOWN	9.28	6	J.
4.	UNKNOWN	9.65	4	J
5. 768-95-6	1-ADAMANTANOL	10.01	5	UI
6.	UNKNOWN	10.74	5	J
7.	UNKNOWN	10.86	4	J
8.	UNKNOWN	10.92	8	J
9.	UNKNOWN	11.78	4	J
10. 54120-64-8	1(3H)-ISOBENZOFURANONE, 5-ME	11.92	6	NJ
11.	UNKNOWN	14.42	6	J
12				
13.				
13		·	-	
14.				
		·		
				
1			ļ	ļ
1				
1 4 4 4	<u> </u>			
1 20.	[
			ļ	
1 2 4 4				
1 20.				
1 41.				
1 20.				
47.				
30		·		
I	I		·	·

FORM I SV-TIC

SMS-MW-8

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-02B

Sample wt/vol:

1000 (g/mL) ML

Lab File ID: S3D8124

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: decanted: (Y/N)

Date Extracted: 09/15/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/25/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: ___

CAS NO.		ug/L or ug/		Q
108-95-2			10	ט
	bis(2-Chloroethyl)	Ether	10	
	2-Chlorophenol		10	
	1,3-Dichlorobenzen		10	
	1,4-Dichlorobenzen		10	U
	1,2-Dichlorobenzen	e	10	U
95-48-7	2-Methylphenol	·	10	שׁ
108-60-1	2,2'-oxybis(1-Chlo	ropropane)	10	U
106-44-5	4-Methylphenol		10	U
621-64-7	N-Nitroso-di-n-pro	oylamine	10	U
67-72-1	Hexachloroethane	· - —	10	U
98-95-3	Nitrobenzene		10	υ
78-59-1	Isophorone		10	U
	2-Nitrophenol		10	שׁ
	2,4-Dimethylphenol		10	ប
	2,4-Dichlorophenol		10	שׁ
120-82-1	1,2,4-Trichloroben	zene	10	
	Naphthalene	· · · · · · · · · · · · · · · · · · ·	10	
	4-Chloroaniline		10	
	Hexachlorobutadien	=	10	
	bis(2-Chloroethoxy		10	
	4-Chloro-3-Methylpl		10	
91-57-6	2-Methylnaphthalen	2	10	
77-47-4	Hexachlorocyclopen	tadiene	10	
	2,4,6-Trichlorophe		10	
	2,4,5-Trichloropher		20	
91-58-7	2-Chloronaphthalen	-	10	
88-74-4	2-Nitroaniline		20	
	Dimethylphthalate		10	
	Acenaphthylene		10	
	2,6-Dinitrotoluene		10	
	3-Nitroaniline		20	
	Acenaphthene		10	
JJ J2 J			4.0	

FORM I SV-1

SMS-MW-8

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8124

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: ____ decanted: (Y/N)__ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/25/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/		Q
51-28-5	2,4-Dinitropheno	L	20	Ü

51-28-52,4-Dinitrophenol	20	ש	
100-02-74-Nitrophenol	20	ט	
132-64-9Dibenzofuran	10	ש	
121-14-22,4-Dinitrotoluene	10	σ [
84-66-2Diethylphthalate	10	ו שו	
7005-72-34-Chlorophenyl-phenylether	10	ט	
86-73-7Fluorene	10	ן ש	
100-01-64-Nitroaniline	20	ี บ	
534-52-14,6-Dinitro-2-methylphenol	20	ט	
86-30-6N-Nitrosodiphenylamine (1)	10	ט	
101-55-34-Bromophenyl-phenylether	10	ו דו	
118-74-1Hexachlorobenzene	10	U	
87-86-5Pentachlorophenol	20	U	
85-01-8Phenanthrene	10	ש	
120-12-7Anthracene	10	ט	
86-74-8Carbazole	10	ן ש	
84-74-2Di-n-butylphthalate	10	ן ט	
206-44-0Fluoranthene	10	ע	
129-00-0Pyrene	10	U	
85-68-7Butylbenzylphthalate	10	ט	
91-94-13,3 -Dichlorobenzidine	10	ע	
56-55-3Benzo (a) anthracene	10	U	
218-01-9Chrysene	10	ט	
117-81-7bis(2-Ethylhexyl)phthalate	10		
117-84-0Di-n-octylphthalate	10	ן די	
205-99-2Benzo (b) fluoranthene	10	U	
207-08-9Benzo(k) fluoranthene	10	U	
50-32-8Benzo (a) pyrene	10		
193-39-5Indeno(1,2,3-cd)pyrene	10	ש	
53-70-3Dibenzo(a,h)anthracene	10	-	
191-24-2Benzo(g,h,i)perylene	10	ប	

(1) - Cannot be separated from Diphenylamine

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-8

Lab N	Name:	MITKEM	CORPORATION
-------	-------	--------	-------------

Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-02B

Sample wt/vol:

1000 (g/mL) ML

Lab File ID: S3D8124

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: ____ decanted: (Y/N)__ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/25/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS: Number TICs found: 0 (ug/L or ug/Kq) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
1				
2. 3.		·	· · · · · · · · · · · · · · · · · · ·	•
				
5.			.——	-
		-		
7.				
			-	
9.				
		•	-	
				•
14.			•	
15.	·			
17.	,			
TO.				
.i., 7 .				
20.				
21			-	-
		ļ		
47.		,		•
23.				
26.		-	· · · · · · · · · · · · · · · · · · ·	
27.				
20.				•
30.				
		ļ		

FORM I SV-TIC

EPA SAMPLE NO.

SMS-MW-9

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-15B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8188

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: _____ decanted: (Y/N) ___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-95-2----Phenol 10 U 111-44-4----bis(2-Chloroethyl)Ether 10 U 10 U 95-57-8----2-Chlorophenol 541-73-1----1,3-Dichlorobenzene 10 U 10 U 106-46-7----1,4-Dichlorobenzene 95-50-1----1,2-Dichlorobenzene 10 U 95-48-7----2-Methylphenol 10 U 108-60-1----2,2'-oxybis(1-Chloropropane) 10 U 106-44-5----4-Methylphenol 10 U 621-64-7----N-Nitroso-di-n-propylamine 10 0 10 U 67-72-1-----Hexachloroethane 98-95-3-----Nitrobenzene ם סוב 78-59-1-----Isophorone 10 U 88-75-5----2-Nitrophenol 10 U 10 U 105-67-9-----2,4-Dimethylphenol 10 U 120-83-2----2,4-Dichlorophenol 120-82-1-----1,2,4-Trichlorobenzene 10 U 91-20-3----Naphthalene 1 J 106-47-8-----4-Chloroaniline 10 U 87-68-3-----Hexachlorobutadiene 10 U 111-91-1-----bis(2-Chloroethoxy) methane 10 U 59-50-7----4-Chloro-3-Methylphenol 10 U 91-57-6----2-Methylnaphthalene 10 U 77-47-4------Hexachlorocyclopentadiene 10 U 88-06-2----2,4,6-Trichlorophenol 10 U 95-95-4----2,4,5-Trichlorophenol 20 | U 91-58-7----2-Chloronaphthalene 10 U 88-74-4----2-Nitroaniline 20 U 131-11-3-----Dimethylphthalate 10 U 208-96-8-----Acenaphthylene 10 U 606-20-2----2,6-Dinitrotoluene 10 U 99-09-2----3-Nitroaniline 20 U 83-32-9-----Acenaphthene_ 10 U

FORM I SV-1

SMS-MW-9

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-15B

Sample wt/vol:

1000 (g/mL) ML

Lab File ID: S3D8188

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: decanted: (Y/N)

CONCENTRATION UNITS:

Date Extracted: 09/15/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	(ug/L or ug/l		Q
100-02-7 132-64-9	2,4-Dinitropher 4-Nitrophenol_ Dibenzofuran		20	ט ט ט
84-66-2 7005-72-3	2,4-Dinitrotolu Diethylphthalat 4-Chlorophenyl- Fluorene	:e	10 10	ם ם ם
100-01-6 534-52-1 86-30-6	4-Nitroaniline 4,6-Dinitro-2-m	ylamine (1)	20 20	מם
101-55-3 118-74-1 87-86-5	4-Bromophenyl-r Hexachlorobenze Pentachloropher Phenanthrene	henylether	10 20	ם ט ט
120-12-7 86-74-8 84-74-2	Anthracene Carbazole Di-n-butylphtha	ilate	10 10	מ
129-00-0 85-68-7	Fluoranthene Pyrene Butylbenzylphth 3,3'-Dichlorobe	alate	10 10	ט ט ט
56-55-3 218-01-9	Benzo (a) anthrac Chrysene bis (2-Ethylhexy	ene	10 10	ם ם J
117-84-0 205-99-2 207-08-9	Di-n-octylphtha Benzo(b) fluorar Benzo(k) fluorar	late	10 10 10	U U
193-39-5 53-70-3	Benzo (a) pyrene Indeno (1,2,3-cd Dibenzo (a,h) ant Benzo (g,h,i) per	hracene	10	ט ט ט
	, , , , , , , , , , , , , , , , , , ,			

FORM I SV-2

(1) - Cannot be separated from Diphenylamine

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-9

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-15B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3D8188

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: decanted: (Y/N) Date Extracted: 09/15/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS: Number TICs found: 4 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
1. 619-04-5 2. 143-07-7 3. 4.	BENZOIC ACID, 3,4-DIMETHYL- DODECANOIC ACID UNKNOWN UNKNOWN	10.92 12.26 16.50 17.61	4 8	UN UN U U
6. 7. 8. 9.				
12. 13. 14.				
16. 17. 18. 19.				
21. 22. 23.				
25. 26. 27. 28.				
30				

FORM I SV-TIC

EPA SAMPLE NO.

SMS-MW16M

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-10B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8183

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N)__ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L Q
108-95-2			10 U
111-44-4	bis(2-Chloroe	ethyl)Ether	10 ע
95-57-8	2-Chloropheno	ol	10 U
541-73-1	1,3-Dichlorok	enzene	10 U
106-46-7	1,4-Dichlorok	enzene	10 U
95-50-1	1,2-Dichlorok	enzene	10 U
95-48-7	2-Methylpheno	1	10 U
108-60-1	2,2'-oxybis(1	-Chloropropane)	10 U
106-44-5	4-Methylpheno		10 U
621-64-7	N-Nitroso-di-	n-propylamine	10 U
	Hexachloroeth		10 U
98-95-3	Nitrobenzene		10 U
78-59-1	Isophorone -	· · · ·	10 U
	2-Nitrophenol		10 U
	2,4-Dimethyl		10 U
120-83-2	2,4-Dichloror	henol.	10 U
120-82-1	1,2,4-Trichlo	probenzene	10 0
	Naphthalene		10 0
	4-ChloroaniTi	ne	10 0
	Hexachlorobut		10 U
	bis(2-Chloroe		10 0
59-50-7	4-Chloro-3-Me	thylphenol	10 0
91-57-6	2-Methylnapht	halene	10 0
77-47-4	Hexachlorocyc	lopentadiene	īolū
88-06-2	2,4,6-Trichlo	prophenol	10 U
95-95-4	2,4,5-Trichlo	prophenol	20 U
	2-Chloronapht		10 U
	2-Nitroanilir		20 U
	Dimethylphtha		10 0
208-96-8	Acenaphthyler	ne	10 U
	2,6-Dinitroto		10 U
99-09-2	3-Nitroanilir	ne	20 U
	Acenaphthene		10 U
			10 0

FORM I SV-1

SMS-MW16M

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-10B

Sample wt/vol:

1000 (g/mL) ML

Lab File ID:

CONCENTRATION UNITS:

S3D8183

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: _____ decanted: (Y/N)____

Date Extracted: 09/15/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: ____

CAS N	· .	COMPOUND	(ug/L or u		Q
51-28 100-0 132-6 121-1 84-66 7005- 86-73 100-0 534-5 86-30 101-5 118-7 87-86 85-01 120-1 86-74 84-74 206-4 129-0	-5	-2,4-Dinitrophenol -4-Nitrophenol -Dibenzofuran -2,4-Dinitrotoluer -Diethylphthalate -4-Chlorophenyl-ph -Fluorene -4,6-Dinitro-2-met -N-Nitrosodiphenyl -4-Bromophenyl-phe -Hexachlorobenzene -Pentachlorophenol -Phenanthrene -Anthracene -Carbazole -Di-n-butylphthala -Fluoranthene	(ug/L or use lenylether lamine (1) mylether	20 10 10 10 10 20 10 10 10 10 10 10	מממממממממממממ
129-0 85-68 91-94 56-55 218-0 117-8 117-8 205-9 207-0 50-32 193-3 53-70	0-0 -7 -3 1-9 4-0 9-2 8-9 9-5	-Pyrene -Butylbenzylphthal -3,3'-Dichlorobenz -Benzo(a)anthracen	phthalate te ene ene evrene acene		ממממממממממ

FORM I SV-2

(1) - Cannot be separated from Diphenylamine

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW16M

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-10B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3D8183

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: _____ decanted: (Y/N) ___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL)

Number TICs found: 0

Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
		.		
1. 2.				
3		•		•
				
J.				
6.				
1 •		.		
0.				
		.]		
⊥⊥•		.		
12.				
13.		-		
14.		-		
	<u> </u>	-		
TO.		-		
17. 18.	· · · · · · · · · · · · · · · · · · ·	·	ļ 	
19		-	-	
20	•	-	·	
20		· · · · · · · · · · · · · · · · · · ·	·	
21.				
22.		-	· · · · · · · · · · · · · · · · · · ·	<u> </u>
24.		-	-	ļ
25				
26.		-	· · · · · · · · · · · · · · · · · · ·	·
27.		-	—	
40.		-		· · · · · ·
<i>2</i> 9.	· · · · · · · · · · · · · · · · ·	-		
30		-		
		-		·

FORM I SV-TIC

EPA SAMPLE NO.

SMS-MW16S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-09B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8131

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N)__ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-95-2Phenol	10	ט
111-44-4bis (2-Chloroethyl) Ether	10	
95-57-82-Chlorophenol	10	
541-73-11,3-Dichlorobenzene	10	
106-46-71,4-Dichlorobenzene	10	
95-50-11,2-Dichlorobenzene	10	
95-48-72-Methylphenol	10	
108-60-12,2'-oxybis(1-Chloropropane)	10	
106-44-54-Methylphenol	10	
621-64-7N-Nitroso-di-n-propylamine	10	
67-72-1Hexachloroethane	10	
98-95-3Nitrobenzene	10	
78-59-1Isophorone	10	
88-75-52-Nitrophenol	10	
105-67-92,4-Dimethylphenol	10	
120-83-22,4-Dichlorophenol	10	
120-82-11,2,4-Trichlorobenzene	10	
91-20-3Naphthalene	10	
106-47-84-Chloroaniline	10	b .
87-68-3Hexachlorobutadiene	10	
111-91-1bis (2-Chloroethoxy) methane	10	
59-50-74-Chloro-3-Methylphenol	10	
91-57-62-Methylnaphthalene	10	
77-47-4Hexachlorocyclopentadiene	10	
88-06-22,4,6-Trichlorophenol	10	
95-95-42,4,5-Trichlorophenol	20	
91-58-72-Chloronaphthalene	10	
88-74-42-Nitroaniline	20	
131-11-3Dimethylphthalate	10	
208-96-8Acenaphthylene	10	
606-20-22,6-Dinitrotoluene	10	
99-09-23-Nitroaniline	20	
83-32-9Acenaphthene	10	1
] _
		·

FORM I SV-1

EPA SAMPLE NO.

SMS-MW16S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-09B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8131

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N)___

Date Extracted: 09/15/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRA (ug/L or			Q
100-02-7		1		20 20	1 '
132-64-9		 		10	U
121-14-2	-2,4-Dinitrotolue	ne		10	
84-66-2	-Diethylphthalate			10	_
	4-Chlorophenyl-pl	nenylether	r	10	
86-73-7				10	U
	-4-Nitroaniline			20	U
	-4,6-Dinitro-2-met			20	U
	N-Nitrosodipheny:)	10	
101-55-3	-4-Bromophenyl-phe	enylether		10	U
	-Hexachlorobenzene			10	
	-Pentachloropheno:	l.		20	
85-01-8				10	
120-12-7				10	
86-74-8				10	U
	-Di-n-butylphthala	ate		10	U
206-44-0				10	
129-00-0				10	שׁ
	-Butylbenzylphtha			10	U
	-3,3 ⁷ -Dichloroben:			10	ט
	-Benzo (a) anthrace:	ne		10	[ט
218-01-9				10	U
117-81-7	-bis(2-Ethylhexyl)	phthalate	≘	10	U
117-84-0	-Di-n-octylphthal:	ate		1.0	ש
	Benzo (b) fluorantl			10	U
207-08-9	-Benzo(k) fluorantl	hene		10	שׁ
50-32-8	-Benzo (a) pyrene			10	ש
193-39-5	Indeno (1, 2, 3-cd) i	pyrene		10	ש
53-70-3	-Dibenzo (a, h) anthi	racene		10	U
	-Benzo(q,h,i)pery.			10	ប
(1) - Cannot be se	eparated from Diphe	enylamine	I	•	'

FORM I SV-2

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW16S

Lab	Name:	MITKEM	CORPORATION
-----	-------	--------	-------------

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-09B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3D8131

Level: (low/med) LOW

Date Received: 09/13/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL)

Number TICs found: 1

Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

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

CAS NUMBER	COMPOUND NAME	RT	EST. CO		Q
1. 7494-34-0 2. 3.	26-NOR-5-CHOLESTEN-3.BETAO	21.28		23 ———	
5					
8.					
10 11 12.		· · · · · · · · · · · · · · · · · · ·			
14. 15.					
17.					
19. 20. 21.					
23. 24.					
25. 26. 27.					
28 29.					
30.		·			

FORM I SV-TIC

EPA SAMPLE NO.

SMS-MW17A

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-07B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3D8130

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	(ug/L or ug/		Ç	5
108-95-2 111-44-4 95-57-8 541-73-1 95-50-1 95-48-7 108-60-1 106-44-5 621-64-7 67-72-1 98-95-3 105-67-9 120-83-2 120-83-2 120-83-2 120-83-2 120-83-2 120-83-2 120-83-2 91-20-3 120-87-68-3 111-91-1 59-50-7 91-57-6 77-47-4 88-06-2 95-95-4	-Phenol -bis(2-Chloroethy) -2-Chlorophenol -1,3-Dichlorobenze -1,4-Dichlorobenze -1,2-Dichlorobenze -2-Methylphenol -2,2'-oxybis(1-Chl -4-Methylphenol -N-Nitroso-di-n-pr -Hexachloroethane -Nitrobenzene -Isophorone -2-Nitrophenol -2,4-Dimethylphenol -2,4-Dichlorophenol -1,2,4-Trichlorobe -Naphthalene -4-Chloroaniline -Hexachlorobutadie -bis(2-Chloroethor -4-Chloro-3-Methyl -2-Methylnaphthale -Hexachlorocyclope -2,4,6-Trichlorophenol -2,4,5-Trichlorophenol	l) Etherene	/Kg) UG/L 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	000000000000000000000000000000000000000	2
95-95-4	-2,4,5-Trichloroph -2-Chloronaphthale	nenol	2 1	บ 0 บ 0	
208-96-8	-Dimethylphthalate -Acenaphthylene -2,6-Dinitrotoluer		1 1 1	0 U 0 U 0 U	
83-32-9	-3-Nitroaniline -Acenaphthene			ט ס ס	

FORM I SV-1

SMS-MW17A

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8130

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	(ug/L c	or ug/Kg)	UG/L	Q
51-28-5	2,4-Dinitrophe	enol		20	บ
100-02-7	4-Nitrophenol	· · · · · · · · · · · · · · · · · · ·		20	ט
132-64-9	Dibenzofuran ⁻			10	
121-14-2	2,4-Dinitroto	luene		10	שׁ
84-66-2	Diethylphthala	ate ———	<u> </u>	10	
7005-72-3	4-Chloropheny:	l-phenyleth	ier	1.0	
	Fluorene î			10	
100-01-6	4-Nitroa nilin e	<u> </u>		20	
534-52-1	4,6-Dinitro-2-	methylpher	iol	20	
86-30-6	N-Nitrosodiphe	enylamine ((1)	10	U
101-55-3	4-Bromophenyl	-phenylethe	er —	10	U
118-74-1	Hexachloroben:	zene		10	U
87-86-5	Pentachlorophe	enol		20	
	Phenanthrene	•		10	U
	Anthracene			1.0	
	Carbazole			10	
84-74-2	Di-n-butylphtl	alate		10	U
206-44-0	Fluoranthene			10	U
129-00-0				10	U
85-68-7	Butylbenzylpht	thalate		10	U
91-94-1	3,3 ⁷ -Dichlorol	enzidine		10	U
56-55-3	Benzo (a) anthra	acene		10	U
	Chrysene			10	U
	bis(2-Ethylhe:		ite	1.0	ซ
117-84-0	Di-n-octylphtl	ıalate	—	10	ΰ
205-99-2	Benzo (b) fluora	inthene		10	U
207-08-9	Benzo(k) fluora	anthene		10	υ
50-32-8	Benzo (a) pyrene	<u> </u>		10	U
193-39-5	Indeno (1, 2, 3-c	d) pyrene		10	U
53-70-3	Dibenzo (a,h) ar	ıthracene		10	บ
191-24-2	Benzo(g,h,i)pe	erylene —		10	U
) - Cannot be	e separated from Di	phenylamin	 ne		

FORM I SV-2

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW17A Contract:

Lab Name: MITKEM CORPORATION

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-07B

Sample wt/vol: 1000 (q/mL) ML

Lab File ID: S3D8130

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: decanted: (Y/N) Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL)

Number TICs found: 0

Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
4.				
· · · · · · · · · · · · · · · · · · ·				
		·		
7.				
<i>3</i> .			· · · · · · · · · · · · · · · · · · ·	
⊥∪.				
1.1				
⊥ Z.				
T-3 •	-			
15. 16.				
⊥ <i>i</i> .	•	•	· · · · · · · · · · · · · · · · · · ·	
1 X	-			
19.				
20.				
ماسم				
44.		· · · · · · · · · · · · · · · · · · ·		
23.		·	·	·
45 -				·
26.				·
20.				
49.				
30				
		l	l	l

FORM I SV-TIC

EPA SAMPLE NO.

SMS-MW6DA

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8129

Level: (low/med) LOW Date Received: 09/12/06

% Moisture: decanted: (Y/N) Date Extracted: 09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-95-2----Phenol 10 U 111-44-4-----bis(2-Chloroethyl)Ether 10 U 95-57-8----2-Chlorophenol 10 U 541-73-1-----1,3-Dichlorobenzene 10 U 10 0 106-46-7-----1,4-Dichlorobenzene 95-50-1----1,2-Dichlorobenzene 10 U 95-48-7----2-Methylphenol 10 U 108-60-1----2,2'-oxybis(1-Chloropropane) 10 U 106-44-5-----4-Methylphenol 10 U 621-64-7----N-Nitroso-di-n-propylamine 10 U 67-72-1-----Hexachloroethane 10 U 98-95-3----Nitrobenzene 10 U 78-59-1-----Isophorone 10 U 88-75-5----2-Nitrophenol 10 U 105-67-9-----2,4-Dimethylphenol 10 U 120-83-2----2,4-Dichlorophenol 120-82-1----1,2,4-Trichlorobenzene 10 U 10 U 91-20-3----Naphthalene 10 U 106-47-8-----4-Chloroaniline 10 T 87-68-3-----Hexachlorobutadiene 10 U 111-91-1----bis(2-Chloroethoxy) methane 10 U 59-50-7----4-Chloro-3-Methylphenol 10 U 91-57-6----2-Methylnaphthalene 10 U 77-47-4-----Hexachlorocyclopentadiene 10 U 10 U 88-06-2----2,4,6-Trichlorophenol 95-95-4----2,4,5-Trichlorophenol 20 U 91-58-7-----2-Chloronaphthalene 10 U 88-74-4----2-Nitroaniline 20 U 131-11-3-----Dimethylphthalate 10 U 10 U 208-96-8-----Acenaphthylene 606-20-2----2,6-Dinitrotoluene 10 U 99-09-2----3-Nitroaniline 20 U 83-32-9-----Acenaphthene 10 U

FORM I SV-1

SMS-MW6DA

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8129

CONCENTRATION UNITS:

Date Received: 09/12/06

Level: (low/med) LOW

% Moisture: ____ decanted: (Y/N)__ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	(ug/L o	or ug/Kg)	UG/L	Q
51-28-5	2,4-Dinitrophe	nol		20	U
	4-Nitrophenol	•		20	
132-64-9	Dibenzofuran [—]			10	
121-14-2	2,4-Dinitrotol	uene		10	שׁ
84-66-2	Diethylphthala	te		10	שׁ
7005-72-3	·4-Chlorophenyl	-phenyleth	ier	10	U
86-73-7	Fluorene			10	U
	4-Nitroaniline			20	U
534-52-1	4,6-Dinitro-2-	methylpher	iol	20	U
86-30-6	N-Nitrosodiphe	nylamine	(1)	10	
101-55-3	4-Bromophenyl-	phenylethe	er	10	U
118-74-1	Hexachlorobenz	ene		10	
	Pentachlorophe	nol		20	
	Phenanthrene			10	U
	Anthracene			10	
	Carbazole			10	
84-74-2	Di-n-butylphth	alate		10	U
	Fluoranthene			10	
129-00-0		-		10	
85-68-7	·Butylbenzylpht	halate		10	
91-94-1	3,3 ³ -Dichlorob	enzidine_		10	
	·Benzo (a) anthra	cene		10	
218-01-9	Chrysene			10	
117-81-7	bis(2-Ethylhex	yl)phthala	ite	10	
117-84-0	·Di-n-octylphth	alate		10	
205-99-2	Benzo (b) fluora	nthene		10	
207-08-9	Benzo(k) fluora	nthene		10	
50-32-8	Benzo (a) pyrene			10	
193-39-5	Indeno (1, 2, 3-c	d)pyrene		10	
53-70-3	Dibenzo (a, h) an	thracene		10	
191-24-2	Benzo(g,h,i)pe	rylene		10	ש
- Cannot be	separated from Di	phenylamir	 ne		l

FORM I SV-2

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION

Contract:

SMS-MW6DA

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

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8129

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: _____ decanted: (Y/N)___ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL)

Number TICs found: 0

Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
1.				
2.				
			<u></u>	
5.				
0.				
· •			·	
8. 9.		· · · · · · · · · · · · · · · · · · ·		
±0.			•	
-ll. a				
12.				
15.		· · · · · · · · · · · · · · · · · · ·		
17.			· · · · · · · · · · · · · · · · · · ·	
19.				
			,	
Z.L.			ļ	
22.				
23			·	
25.			· · · · · · · · · · · · · · · · · · ·	
26.		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
2 1 4				
48.				
49.				
30.	.,.			
		l		

FORM I SV-TIC

EPA SAMPLE NO.

S3NLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: LCS-25919

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8116

Level: (low/med) LOW Date Received:

% Moisture: ____ decanted: (Y/N) Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/25/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

		,, 3. 1	
108-95-2	Phenol	17	
	bis(2-Chloroethyl)Ether	- 46	
95-57-8	2-Chlorophenol	- 44	
	1,3-Dichlorobenzene	40	
	1,4-Dichlorobenzene	40	I
	1,2-Dichlorobenzene	40	
	2-Methylphenol	31	
	2,2'-oxybis(1-Chloropropane)		ļ
106-44-5	4-Methylphenol	30	
621-64-7	N-Nitroso-di-n-propylamine	- 47	1.
67-72-1	Hexachloroethane	37	1
	Nitrobenzene	48	
78-59-1	Isophorone	51	
88-75-5	2-Nitrophenol	51	
	2,4-Dimethylphenol	7	J
	2,4-Dichlorophenol	47	
	1,2,4-Trichlorobenzene	43	
91-20-3	Naphthalene	47	
	4-Chloroaniline	45	•
	Hexachlorobutadiene	39	
111-91-1	bis(2-Chloroethoxy)methane	48	
59-50-7	4-Chloro-3-Methylphenol	43	
91-57-6	2-Methylnaphthalene	46	
77-47-4	Hexachlorocyclopentadiene	42	
	2,4,6-Trichlorophenol	48	
95-95-4	2,4,5-Trichlorophenol	48	
	2-Chloronaphthalene	47	
	2-Nitroaniline	47	
	Dimethylphthalate	[] 52	
208-96-8	Acenaphthylene	51	
606-20-2	2,6-Dinitrotoluene	52	
	3-Nitroaniline	46	
83-32-9	Acenaphthene	49	
		_]	.

FORM I SV-1

EPA SAMPLE NO.

Lab	Name:	MITKEM	CORPORATION	Contract:	S3NLCS
Lab	Code:	MITKEM	Case No.:	SAS No.:	SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: LCS-25919

Matrix: (soil/water) WATER Lab Sample ID: LCS-25919
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8116

Level: (low/med) LOW Date Received:

% Moisture: ____ decanted: (Y/N) __ Date Extracted:09/15/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/25/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q

	2,4-Dinitrophenol	33
100-02-7	4-Nitrophenol	16 J
	Dibenzofuran	52
121-14-2	2,4-Dinitrotoluene	52
84-66-2	Diethylphthalate	54
7005-72-3	4-Chlorophenyl-phenylether	49
86-73-7	Fluorene	50
	4-Nitroaniline	41
	4,6-Dinitro-2-methylphenol	52
86-30-6	N-Nitrosodiphenylamine (1)	62
101-55-3	4-Bromophenyl-phenylether	50
	Hexachlorobenzene	51
	Pentachlorophenol	44
	Phenanthrene	55
120-12-7	Anthracene	55
86-74-8		55
84-74-2	Di-n-butylphthalate	59
206-44-0	Fluoranthene	55
129-00-0	Pyrene	58
85-68-7	Butylbenzylphthalate	55
91-94-1	3,31-Dichlorobenzidine	40
56-55-3	Benzo (a) anthracene	57
218-01-9	Chrysene	56
117-81-7	bis(2-Ethylhexyl)phthalate	58
117-84-0	Di-n-octylphthalate	64
205-99-2	Benzo (b) fluoranthene	58
207-08-9	Benzo (k) fluoranthene	61
50-32-8	Benzo (a) pyrene	57
193-39-5	Indeno (1, 2, 3-cd) pyrene	53
	Dibenzo (a, h) anthracene	55
191-24-2	Benzo(g,h,i)perylene	55

FORM I SV-2

EPA SAMPLE NO.

SMS-MW-6DMS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-05BMS

Sample wt/vol:

500.0 (g/mL) ML

Lab File ID: S3D8127

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: decanted: (Y/N)

Date Extracted: 09/15/06

Concentrated Extract Volume: 500(uL)

Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	
108-95-2 111-44-4 95-57-8 541-73-1 106-46-7 95-50-1 95-48-7 108-60-1 106-44-5 621-64-7 98-95-3 78-59-1 88-75-5 105-67-9 120-83-2 120-82-1 91-20-3 111-91-1 59-50-7 91-57-6 77-47-4 88-06-2 91-58-7		yl)Ether zene zene zene hloropropane) propylamine e nol nol benzene iene oxy)methane ylphenol lene pentadiene phenol lene te	21
83-32-9	Acenaphthene		42

FORM I SV-1

EPA SAMPLE NO.

SMS-MW-6DMS

Q

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1376

Matrix: (soil/water) WATER Lab Sample ID: E1376-05BMS

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: S3D8127

Level: (low/med) LOW Date Received: 09/12/06

% Moisture: ____ decanted: (Y/N) Date Extracted:09/15/06

Concentrated Extract Volume: 500(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

51-28-5	2,4-Dinitrophenol	9	J
	4-Nitrophenol	22	
132-64-9	Dibenzofuran	46	
121-14-2	2,4-Dinitrotoluene	46	-
84-66-2	Diethylphthalate	49	
7005-72-3	4-Chlorophenyl-phenylether	44	-
86-73-7	Fluorene	46	
100-01-6	4-Nitroaniline	42	
534-52-1	4,6-Dinitro-2-methylphenol	21	
	N-Nitrosodiphenylamine (1)	57	-
101-55-3	4-Bromophenyl-phenylether	44	
118-74-1	Hexachlorobenzene	44	
87-86-5	Pentachlorophenol	34	
85-01-8	Phenanthrene	50	
120-12-7	Anthracene	50	
	Carbazole	51	
84-74-2	Di-n-butylphthalate	55	-
206-44-0	Fluoranthene	51	
129-00-0		52	•
85-68-7	Butylbenzylphthalate	49	
91-94-1	3,3'-Dichlorobenzidine	38	-
	Benzo (a) anthracene	52	
218-01-9		50	
117-81-7	bis(2-Ethylhexyl)phthalate	53	
117-84-0	Di-n-octylphthalate	59	
205-99-2	Benzo (b) fluoranthene	50	
	Benzo(k) fluoranthene	53	
50-32-8	Benzo(a)pyrene	50	
193-39-5	Indeno (1,2,3-cd) pyrene	46	
	Dibenzo (a, h) anthracene	48	
191-24-2	Benzo(g,h,i)perylene	48	

FORM I SV-2

EPA SAMPLE NO.

SMS-MW-6DMSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-05BMSD

Sample wt/vol: 500.0 (g/mL) ML

Lab File ID: S3D8128

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: decanted: (Y/N)

Date Extracted:09/15/06

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.		ATION UNITS: ug/Kg) UG/L	Q
108-95-2		23	
	bis(2-Chloroethyl)Ether_	40]	
	2-Chlorophenol	41	
541-73-1	1,3-Dichlorobenzene	36	
106-46-7	1,4-Dichlorobenzene	[37	
95-50-1	1,2-Dichlorobenzene	37	
95-48-7	2-Methylphenol	38	
	2,2'-oxybis(1-Chloropropan		
106-44-5	4-Methylphenol	36	
621-64-7	N-Nitroso-di-n-propylamine		
	Hexachloroethane	35	
	Nitrobenzene	42	
	Isophorone	[47]	
	2-Nitrophenol	45	
	2,4-Dimethylphenol	26	
	2,4-Dichlorophenol	44	
	1,2,4-Trichlorobenzene	40	
	Naphthalene	42	
	4-Chloroaniline	43	
87-68-3	Hexachlorobutadiene	38	
111-91-1	bis(2-Chloroethoxy) methane	43	
59-50-7	4-Chloro-3-Methylphenol	44	
91-57-6	2-Methylnaphthalene	42	
77-47-4	Hexachlorocyclopentadiene	28	
	2,4,6-Trichlorophenol	47	
	2,4,5-Trichlorophenol	48	
	2-Chloronaphthalene	45	
•	2-Nitroaniline	45	
	Dimethylphthalate	<u> </u>	
	Acenaphthylene	50	
	2,6-Dinitrotoluene	51	
	3-Nitroaniline	47	
83-32-9	Acenaphthene	47	

FORM I SV-1

500.0 (g/mL) ML

EPA SAMPLE NO.

SMS-MW-6DMSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1376

Matrix: (soil/water) WATER

Lab Sample ID: E1376-05BMSD

Sample wt/vol:

Lab File ID:

S3D8128

0

Level: (low/med) LOW

Date Received: 09/12/06

% Moisture: ____ decanted: (Y/N)___

Date Extracted: 09/15/06

Concentrated Extract Volume: 500(uL)

Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

CAS NO.

COMPOUND

Dilution Factor: 1.0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

GPC Cleanup: (Y/N) N

pH: ___

51-28-5	2,4-Dinitrophenol	12 J
100-02-7	4-Nitrophenol	26
	Dibenzofuran	50
121-14-2	2,4-Dinitrotoluene	50
84-66-2	Diethylphthalate	52
7005-72-3	4-Chlorophenyl-phenylether	47
	Fluorene	49
	4-Nitroaniline	46
534-52-1	4,6-Dinitro-2-methylphenol	26
86-30-6	N-Nitrosodiphenylamine_(1)	60
101-55-3	4-Bromophenyl-phenylether	47
	Hexachlorobenzene	46
87-86-5	Pentachlorophenol	43
	Phenanthrene	52
	Anthracene	53
	Carbazole	53
84-74-2	Di-n-butylphthalate	56
206-44-0	Fluoranthene	53
129-00-0	Pyrene	54
85-68-7	Butylbenzylphthalate	52
91-94-1	3,31-Dichlorobenzidine	42
56-55-3	Benzo (a) anthracene	54
218-01-9	Chrysene	53
117-81-7	bis(2-Ethylhexyl)phthalate	55
117-84-0	Di-n-octylphthalate	61
205-99-2	Benzo (b) fluoranthene	52
207-08-9	Benzo (k) fluoranthene	57
50-32-8	Benzo (a) pyrene	54
193-39-5	Indeno (1, 2, 3-cd) pyrene	49
53-70-3	Dibenzo (a, h) anthracene	52
191-24-2	Benzo(g,h,i)perylene	51

FORM I SV-2

U.S. EPA - CLP

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-1

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Code: MITKEM Case No. SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Sample ID: E1376-16

Level (low/med):

MED

Date Received: 09/13/06

% Solids:

0.0

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

CAS No.	Analyte	Concentration	С	Q	M
7429-90-5	Aluminum	319			P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	1.6	Ü		P
7440-39-3	Barium	71.5	В		P
7440-41-7	Beryllium	0.15	Ü		P
7440-43-9	Cadmium	0.19	В		P
7440-70-2	Calcium	19500			P
7440-47-3	Chromium	2.7	В		P
7440-48-4	Cobalt	1.2	В		P
7440-50-8	Copper	6.3	Ū		Ρ.
7439-89-6	Iron	12500			P
7439-92-1	Lead	0.95	В		P
7439-95-4	Magnesium	3370			P
7439-96-5	Manganese	126			P
7440-02-0	Nickel	4.8	В		P
7440-09-7	Potassium	9380			P
7782-49-2	Selenium	0.98	Ü		P
7440-22-4	Silver	0.91	U		р
7440-23-5	Sodium	27200			P
7440-28-0	Thallium	1.2	U	-	P
7440-62-2	Vanadium	0.85	В		P
7440-66-6	Zinc	87.1	\neg		P
7439-97-6	Mercury	0.065	U		CV

Comm	ents:			
	· · · · · · · · · · · · · · · · · · ·	 		

U.S. EPA - CLP

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-15

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Sample ID: E1376-11

Level (low/med):

MED

Date Received: 09/13/06

% Solids:

0.0

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

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	199	В		P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	2.0	В		P
7440-39-3	Barium	19.4	В		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.85	В		P
7440-70-2	Calcium	12800			P
7440-47-3	Chromium	275			P
7440-48-4	Cobalt	2.6	В		P
7440-50-8	Copper	10.5	В		P
7439-89-6	Iron	1730			P
7439-92-1	Lead	2.6	В		P
7439-95-4	Magnesium	2320			P
7439-96-5	Manganese	175			P
7440-02-0	Nickel	24.9	В		P
7440-09-7	Potassium	3470			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	Ū		P
7440-23-5	Sodium	11000			P
7440-28-0	Thallium	1.2	Ū		P
7440-62-2	Vanadium	1.2	В		P
7440-66-6	Zinc	29.8	В		P
7439-97-6	Mercury	0.065	U		CV
l			i		

Comm	ents:						
	-	 	 		 -	 	

U.S. EPA - CLP

EPA SAMPLE NO INORGANIC ANALYSIS DATA SHEET

Contract: <u>D003821-4</u>

SMS-MW-17

Lab Name: Mitkem Corporation

Case No. SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Code: MITKEM

Level (low/med):

Lab Sample ID: E1376-04

Date Received: 09/12/06

% Solids:

MED 0.0

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

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	34.3	В		P
7440-36-0	Antimony	2.3	В		P
7440-38-2	Arsenic	1.6	Ü		P
7440-39-3	Barium	28.4	В		P
7440-41-7	Beryllium	0.15	Ü		P
7440-43-9	Cadmium	0.65	В		P
7440-70-2	Calcium	17200			P
7440-47-3	Chromium	11.3	В		P
7440-48-4	Cobalt	1.1	В		P
7440-50-8	Copper	7.1	В		₽
7439-89-6	Iron	284			P
7439-92-1	Lead	0.46	Ü		P
7439-95-4	Magnesium	1160			P
7439-96-5	Manganese	109			P
7440-02-0	Nickel	5.7	В		Þ
7440-09-7	Potassium	3960			P
7782-49-2	Selenium	0.98	Ū		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	2690			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	2.4	В		P
7440-66-6	Zinc	18.6	В		P
7439-97-6	Mercury	0.065	Ü		CV
L		<u> </u>			

Comme	ents:					
		· · · · · ·		 	 	

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

SMS-MW-2

Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Sample ID: E1376-17

Level (low/med):

MED

Date Received: 09/13/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	6060			P
7440-36-0	Antimony	1.2	Ü		P
7440-38-2	Arsenic	4.4	В	ĺ	P
7440-39-3	Barium	63.2	В		P
7440-41-7	Beryllium	0.27	В		P
7440-43-9	Cadmium	3.2	В		P
7440-70-2	Calcium	18300			P
7440-47-3	Chromium	16.9	В		P
7440-48-4	Cobalt	3.7	В		P
7440-50-8	Copper	35.6			P
7439-89-6	Iron	25100			Р
7439-92-1	Lead	128			P
7439-95-4	Magnesium	4660			P
7439-96-5	Manganese	715			P
7440-02-0	Nickel	14.0	В		P
7440-09-7	Potassium	6750			P
7782-49-2	Selenium	0.98	Ü		P
7440-22-4	Silver	0.91	Ū		P
7440-23-5	Sodium	16500			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	18.8	В		P
7440666	Zinc	2720			P
7439-97-6	Mercury	0.065	U		CV

Commen	ts:	4			
_	-		 		

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-3

Lab Name: <u>Mitkem Corporation</u>

Contract: D003821-4

Lab Code: MITKEM Case No. SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Sample ID: E1376-12

Level (low/med):

MED

Date Received: 09/13/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	M
7429-90-5	Aluminum	1860			P
7440-36-0	Antimony	1.2	Ü		P
7440-38-2	Arsenic	3.0	В		P
7440-39-3	Barium	49.8	В		P
7440-41-7	Beryllium	0.15	a		P
7440-43-9	Cadmium	1.0	В		P
7440-70-2	Calcium	25000			P
7440-47-3	Chromium	10.6	В		P
7440-48-4	Cobalt	2.2	В		P
7440-50-8	Copper	21.6	В		P
7439-89-6	Iron	20400			P
7439-92-1	Lead	4.3	В		P
7439-95-4	Magnesium	3630			P
7439-96-5	Manganese	502		:	P
7440-02-0	Nickel	8.5	В		P
7440-09-7	Potassium	7410			P
7782-49-2	Selenium	0.98	Ü		P
7440-22-4	Silver	0.91	Ü		P
7440-23-5	Sodium	20000			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	5.2	В		P
7440-66-6	Zinc	52.6			P
7439-97-6	Mercury	0.065	Ü		CV
	l				

Comme	ents:					
			 	 	 	
			 	 	 	
	-		 	 	 	
		.	 1	 	 	

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-3A

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Code: MITKEM Case No. SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Sample ID: E1376-13

Level (low/med):

MED

Date Received: 09/13/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	2830			₽
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	4.4	В		P
7440-39-3	Barium	57.9	В		P
7440-41-7	Beryllium	0.15	Ü		Þ
7440-43-9	Cadmium	1.4	В		P
7440-70-2	Calcium	25300			P
7440-47-3	Chromium	15.7	В		P
7440-48-4	Cobalt	2.8	В		P
7440-50-8	Copper	29.1	В		P
7439-89-6	Iron	29900			P
7439-92-1	Lead	8.9	В		P
7439-95-4	Magnesium	3810			P
7439-96-5	Manganese	538			P
7440-02-0	Nickel	11.5	В		P
7440-09-7	Potassium	7460		-	P
7782-49-2	Selenium	0.98	ט		P
7440-22-4	Silver	0.91	Ū		P
7440-23-5	Sodium	20400			P
7440-28-0	Thallium	1.6	В		P
7440-62-2	Vanadium	7.7	В		P
7440-66-6	Zinc	71.6			P
7439-97-6	Mercury	0.065	บ		CA
	<u> </u>	i			

Comm	ents:			

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-4

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Code: MITKEM Case No. SAS No.:

SDG No.: <u>ME1376</u>

Matrix (soil/water): WATER

Lab Sample ID: E1376-14

Level (low/med):

MED

Date Received: 09/13/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	114	В		P
7440-36-0	Antimony	2.5	В		P
7440-38-2	Arsenic	1.6	Ü		P
7440-39-3	Barium	26.0	В		P
7440-41-7	Beryllium	0.15	Ū		P
7440-43-9	Cadmium	0.10	U		P
7440-70-2	Calcium	25400			P
7440-47-3	Chromium	2.3	В		P
7440-48-4	Cobalt	0.79	В		P
7440-50-8	Copper	6.3	Ü		P
7439-89-6	Iron	23800			P
7439-92-1	Lead	0.46	Ū		P
7439-95-4	Magnesium	1500			P
7439-96-5	Manganese	210			P
7440-02-0	Nickel	2.1	В		P
7440-09-7	Potassium	5600			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	Ü		P
7440-23-5	Sodium	3990			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	2.5	В		P
7440-66-6	Zinc	32.4	В		Р
7439-97-6	Mercury	0.065	U		CV

Comme	ents:	
		

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-5

Lab Name: Mitkem Corporation

Contract: D003821-4

Lab Code: MITKEM Case No. SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Sample ID: E1376-03

Level (low/med):

MED

Date Received: 09/12/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	1140			P
7440-36-0	Antimony	2.0	В		P
7440-38-2	Arsenic	5.5	В		P
7440-39-3	Barium	39.2	В		P
7440-41-7	Beryllium	0.15	Ü		P
7440-43-9	Cadmium	3.4	В		P
7440-70-2	Calcium	15100			P
7440-47-3	Chromium	18.1	В		P
7440-48-4	Cobalt	2.4	В		P
7440-50-8	Copper	30.0	В		P
7439-89-6	Iron	23400			P
7439-92-1	Lead	7.9	В		P
7439-95-4	Magnesium	2500			P
7439-96-5	Manganese	551			P
7440-02-0	Nickel	12.8	В		P
7440-09-7	Potassium	3100			P
7782-49-2	Selenium	0.98	Ü		P
7440-22-4	Silver	0.91	υ		P
7440-23-5	Sodium	5230			P
7440-28-0	Thallium	1.2	Ü		P
7440-62-2	Vanadium	7.3	В		Р
7440-66-6	Zinc	40.2	В	-	P
7439-97-6	Mercury	0.065	Ü		ÇV
	L	<u> </u>			

Comme	nts:						
				····	 		
•			·		 -,		
	· · · · · · · · · · · · · · · · · · ·	<u>-</u>			 		
					 	·	

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-6D

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Code: MITKEM

Case No. SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Sample ID: E1376-05

Level (low/med):

MED

Date Received: 09/12/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	197	В		P
7440-36-0	Antimony	2.3	В		P
7440-38-2	Arsenic	1.7	В		P
7440-39-3	Barium	60.0	В		P
7440-41-7	Beryllium	0.15	Ü		P
7440-43-9	Cadmium	0.37	В		P
7440-70-2	Calcium	22400			P
7440-47-3	Chromium	6.7	В		P
7440-48-4	Cobalt	54.1			P
7440-50-8	Copper	9.3	В		P
7439-89-6	Iron	9810			P
7439-92-1	Lead	0.46	Ū		P
7439-95-4	Magnesium	5780			P
7439-96-5	Manganese	276			P
7440-02-0	Nickel	12.9	В		P
7440-09-7	Potassium	3480			P
7782-49-2	Selenium	0.98	Ü		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	31100			P
7440-28-0	Thallium	1.2	U	•	P
7440-62-2	Vanadium	1.1	В		P
7440-66-6	Zinc	113			Р
7439-97-6	Mercury	0.065	U		CV

Comme	ents:						
							
			 				
			 			· · · · · · · · · · · · · · · · · · ·	

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-6S

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Code: MITKEM

Case No. SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Sample ID: E1376-01

Level (low/med):

MED

Date Received: 09/12/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	M
7429-90-5	Aluminum	2790			P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	5.8	В		P
7440-39-3	Barium	52.4	В		P
7440-41-7	Beryllium	0.45	В		P
7440-43-9	Cadmium	1.4	В		P
7440-70-2	Calcium	27300			P
7440-47-3	Chromium	16.4	В		P
7440-48-4	Cobalt	10.8	В		P
7440-50-8	Copper	45.8			P
7439-89-6	Iron	8790			P
7439-92-1	Lead	12.1			P
7439-95-4	Magnesium	8340			P
7439-96-5	Manganese	223			P
7440-02-0	Nickel	9.6	В		P
7440-09-7	Potassium	2720			P
7782-49-2	Selenium	0.98	Ü		P
7440-22-4	Silver	0.91	Ü		P
7440-23-5	Sodium	8450			P
7440-28-0	Thallium	1.8	В		P
7440-62-2	Vanadium	14.2	В		P
7440-66-6	Zinc	608			Р
7439-97-6	Mercury	0.065	Ü		CV

Comme	ents:						
		-	 	 	 		
				 			
		· · · · · · · · · · · · · · · · · · ·	 	 		···	

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-8

Lab Name: <u>Mitkem Corporation</u>

Contract: <u>D003821-4</u>

Lab Code: MITKEM Case No. SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Sample ID: E1376-02

Level (low/med):

MED

Date Received: 09/12/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	M
7429-90-5	Aluminum	161	В		P
7440-36-0	Antimony	1.2	Ü		P
7440-38-2	Arsenic	1.6	Ü		P
7440-39-3	Barium	39.6	В		P
7440-41-7	Beryllium	0.15	Ü		P
7440-43-9	Cadmium	0.11	В		P
7440-70-2	Calcium	27200			Р
7440-47-3	Chromium	9.9	В		P
7440-48-4	Cobalt	1.1	В		P
7440-50-8	Copper	9.6	В		P
7439-89-6	Iron	15900			P
7439-92-1	Lead	0.46	U		P
7439-95-4	Magnesium	3520			P
7439-96-5	Manganese	82.1			P
7440-02-0	Nickel	9.8	В		P
7440-09-7	Potassium	6970			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	U	· · · · · ·	P
7440-23-5	Sodium	26000			P
7440-28-0	Thallium	1.2	U	····	P
7440-62-2	Vanadium	1.0	В		Þ
7440-66-6	Zinc	31.0	В		P
7439-97-6	Mercury	0.065	Ü		CV

Comme	ents:				
		 ·		 	
			_	-	

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-9

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Code: MITKEM Case No. SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Sample ID: E1376-15

Level (low/med):

MED

Date Received: 09/13/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	21.9	В		P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	2.1	В		P
7440-39-3	Barium	25.7	В		P
7440-41-7	Beryllium	0.15	C		P
7440-43-9	Cadmium	0.12	В		P
7440-70-2	Calcium	16400			P
7440-47-3	Chromium	6.3	В		P
7440-48-4	Cobalt	0.66	В		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	21700		· ·	P
7439-92-1	Lead	0.46	Ü	_	P
7439-95-4	Magnesium	2560			Р
7439-96-5	Manganese	82.2	Ì		þ
7440-02-0	Nickel	4.8	В		P
7440-09-7	Potassium	3990	\neg		P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	11400			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	1.7	В		P
7440-66-6	Zinc	22.2	В		P
7439-97-6	Mercury	0.065	U		cv

Comm	ents:								
				 	 	 	 	 	—
				 			 	 	_
		-	 	 	 	 	 	 	

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW16M

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Code: MITKEM Case No. SAS No.:

SDG No.: <u>ME1376</u>

Matrix (soil/water): WATER

Level (low/med):

Lab Sample ID: E1376-10

Date Received: 09/13/06

% Solids:

MED 0.0

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	94.2	В		P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	2.2	В		P
7440-39-3	Barium	93.6	В		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	2.3	В		P
7440-70-2	Calcium	19200			P
7440-47-3	Chromium	45.9			P
7440-48-4	Cobalt	8.0	В		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	814			P
7439-92-1	Lead	0.58	В		P
7439-95-4	Magnesium	2950			P
7439-96-5	Manganese	536			P
7440-02-0	Nickel	46.9	В		P
7440-09-7	Potassium	9340			P
7782-49-2	Selenium	0.98	บ		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	15300	i		P
7440-28-0	Thallium	1.5	В		P
7440-62-2	Vanadium	0.71	В		P
7440-66-6	Zinc	30.8	В		P
7439-97-6	Mercury	0.065	U		CV

Comme	ents:				
			 	 	

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW16S

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Code: MITKEM Case No. SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Sample ID: E1376-09

Level (low/med):

MED

Date Received: 09/13/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	69.2	В		P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	1.6	Ü		P
7440-39-3	Barium	18.7	В		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	3.0	В		P
7440-70-2	Calcium	17800			P
7440-47-3	Chromium	117			P
7440-48-4	Cobalt	2.1	В		P
7440-50-8	Copper	6.3	Ū		P
7439-89-6	Iron	433			P
7439-92-1	Lead	0.46	Ū		P
7439-95-4	Magnesium	3270			Б
7439-96-5	Manganese	108			P
7440-02-0	Nickel	47.7	В		P
7440-09-7	Potassium	5630			Р
7782-49-2	Selenium	0.98	ΰ		P
7440-22-4	Silver	0.91	Ü		Р
7440-23-5	Sodium	14100			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	0.80	В		P
7440-66-6	Zinc	18.4	В		P
7439-97-6	Mercury	0.10	В		CV
			l		

Comme	ents:							
							 	
							 -	
							 	

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW17A

Lab Name: <u>Mitkem Corporation</u>

Contract: <u>D003821-4</u>

Lab Code: MITKEM Case No. SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Sample ID: E1376-07

Level (low/med):

MED

Date Received: 09/12/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	816			P
7440-36-0	Antimony	1.2	Ū		P
7440-38-2	Arsenic	3.3	В		P
7440-39-3	Barium	39.3	В		P
7440-41-7	Beryllium	0.16	В		P
7440-43-9	Cadmium	1.7	В		P
7440-70-2	Calcium	21800			P
7440-47-3	Chromium	12.6	В		P
7440-48-4	Cobalt	2.0	В		P
7440-50-8	Copper	14.3	В		P
7439-89-6	Iron	60300			P
7439-92-1	Lead	2.9	В		P
7439-95-4	Magnesium	4380			P
7439-96-5	Manganese	592			P
7440-02-0	Nickel	9.7	В		P
7440-09-7	Potassium	3900			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	15400			P
7440-28-0	Thallium	1.2	Ü		P
7440-62-2	Vanadium	8.2	В		P
7440-66-6	Zinc	47.4	В		Р
7439-97-6	Mercury	0.065	U		CV
			Ī		

Comme	ents:					
					·	
		 -	.			
						

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

SMS-MW6DA

Lab Code: MITKEM Case No. SAS No.:

SDG No.: ME1376

Matrix (soil/water): WATER

Lab Sample ID: E1376-06

Level (low/med):

MED

Date Received: 09/12/06

% Solids:

0.0

М
P
P
P
P
P
P
P
P
P
P
P
P
P
P
P
P
P
P
P
P
P
CV

Comme	ents:					
						<u></u>
						
	-					
				· · · · · · · · · · · · · · · · · · ·	·	

Report of Laboratory Analyses for Earth Tech Northeast, Inc.

Client Project: SMS Instruments

Mitkem Work Order ID: E1400

October 2, 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 SMS Instruments project. Under this deliverable, analysis results are presented for eight aqueous samples that were received on September 14, 2006. Analyses were performed per specifications in the project's contract and the chain of custody forms. Sample Identifications were shortened where necessary due to limitations in data reporting software. 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: spike recoveries were within the QC limits with the exception of high recovery of tetrachloroethene in V1SLCS.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample SMS-MW16D. Spike recoveries were within the QC limits with the exception of marginally high recovery of trichlorofluoromethane in the matrix spike. Replicate RPDs were within the QC limits.

Sample analysis: no other unusual observation was made for the analysis.

3. Semivolatile Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample: spike recoveries were within the QC limits with the exception of low recovery of 2,4-dimethylphenol.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample SMS-MW16D. Spike recoveries were within the QC limits with the exception of low recovery 2,4-dimethylphenol in the matrix spike and matrix spike duplicate. Replicate RPDs were within the QC limits with the exception of 2,4-dimethylphenol.

Sample analysis: no other unusual observation was made for the analysis.

4. Metals Analysis:

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

Matrix spike: matrix spike was performed on sample SMS-MW16D. Spike recoveries were within the QC limits.

Duplicate: duplicate analysis was performed on sample SMS-MW16D. Replicate RPDs were within the QC limits with the exception of manganese. Manganese is flagged with an "*" on the data report forms.

Sample analysis: serial dilution was performed on sample SMS-MW16D. Percent differences were within the QC limits with the exception of cadmium, chromium, magnesium and manganese. These elements 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

10/02/06

ALKANE NARRATIVE REPORT Report date : 09/28/2006 SDG: ME1400

Client Sample ID: SMS-MW-14 Compound	Lab Sample ID:	E1400-07B Est. Conc.	File ID: S3D	8179
Straight-chain Alkane	19.00	4	J	

	Mitkem Corporation	18/Sep/06 10:44	WorkOrder: E1400	
1	Client ID: EARTH NJ	Case:	Report Level: ASP-B	
\	Project: SMS Instruments, 152026	SDG:	EDD: CLF	
	Location:	PO: D003821-41	HC Due: 10/05/06	
	Comments: N/A		Fax Due: 09/28/06	

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold MS SEL Storage
E1400-01A	SMS-MW-13	09/13/2006 10:00	09/14/2006	Aqueous	SW8260B_W		
E1400-01B	SMS-MW-13	09/13/2006 10:00 09/14	09/14/2006	Aqueous	SW8270C_W		
E1400-01C	SMS-MW-13	09/13/2006 10:00 09/14	09/14/2006	Aqueous	SW6010B_W SW7470A	TAL	☐
E1400-02A	SMS-MW13D	09/13/2006 11:00 09/14/2006	09/14/2006	Aqueous	SW8260B_W		O O O
E1400-02B	SMS-MW13D	09/13/2006 11:00 09/14/2006	09/14/2006	Aqueous	SW8270C_W		
E1400-02C	SMS-MW13D	09/13/2006 11:00 09/14/2006	09/14/2006	Aqueous	SW6010B_W	TAL	☐ ☐ M4
					SW7470A	TAL	□ □ M4
E1400-03A	SMS-MW16D	09/13/2006 11:10 09/14/2006	09/14/2006	Aqueous	SW8260B_W		□ ✓ NOA
E1400-03B	SMS-MW16D	09/13/2006 11:10 09/14/2006	09/14/2006	Aqueous	SW8270C_W		
E1400-03C	SMS-MW16D	09/13/2006 11:10 09/14/2006	09/14/2006	Aqueous	SW6010B_W	TAL	M M4
Client Rep:	Client Rep: Agnes R Ng					Page	1 of 3

WorkOrder: E1400	
18/Sep/06 10:44	
Mitkem Corporation	

Fax Due: 09/28/06 HC Due: 10/05/06 Report Level: ASP-B EDD: CLF Case: SDG: PO: D003821-41 Project: SMS Instruments, 152026 Client ID: EARTH_NJ Comments: N/A Location:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold MS SEL Storage
E1400-03C	SMS-MW16D	09/13/2006 11:10 09/14/2006		Aqueous	SW7470A	TAL	□ ⊠ □ M4
E1400-04A	SMSMW16DA	09/13/2006 11:20 09/14/2006		Aqueous	SW8260B_W		VOA
E1400-04B	SMSMW16DA	09/13/2006 11:20 09/14/2006	an cool	Aqueous	SW8270C_W		21 🗆 🗆
E1400-04C	SMSMW16DA	09/13/2006 11:20 09/14/2006		Aqueous	SW6010B_W SW7470A	TAL	□ □ M4
E1400-05A	SMS-MW-12	09/13/2006 14:40 09/14/2006		Aqueous	SW8260B_W		O O O
E1400-05B	SMS-MW-12	09/13/2006 14:40 09/14/2006		Aqueous	SW8270C_W		
E1400-05C	SMS-MW-12	09/13/2006 14:40 09/14/2006		Aqueous	SW6010B_W SW7470A	TAL	☐ M4
E1400-06A	SMS-MW-11	09/13/2006 13:30 09/14/2006		Aqueous	SW8260B_W		voa
E1400-06B	SMS-MW-11	09/13/2006 13:30	09/14/2006	Aqueous	SW8270C_W		21 🗌 🖂
Client Rep.	Client Rep: Agnes R Ng					Page	2 of 3

WorkOrder: E1400	
18/Sep/06 10:44	
Mitkem Corporation	

Client ID: Project: Location: Comments:	Client ID: EARTH_NJ Project: SMS Instruments, 152026 Location: Comments: N/A		Case: SDG: PO:	àse: DG: PO: D003821-41	Rep	Report Level: ASP-B EDD: CLF HC Due: 10/05/06 Fax Due: 09/28/06
Sample ID	Client Sample ID	Collection Date Date Recv'd Matrix	Matrix	Test Code	Lab Test Comments	Hold MS SEL Storage
E1400-06C	SMS-MW-11	09/13/2006 13:30 09/14/2006	Aqueous	SW6010B_W	TAL	□
				SW7470A	TAL	
E1400-07A	SMS-MW-14	09/13/2006 15:55 09/14/2006	Aqueous	SW8260B_W		VOA
E1400-07B	SMS-MW-14	09/13/2006 15:55 09/14/2006	Aqueous	SW8270C_W		21 🗌 🗎
E1400-07C	SMS-MW-14	09/13/2006 15:55 09/14/2006	Aqueous	SW6010B_W	TAL	☐ [] [] [] [] [
				SW7470A	TAL	M4
E1400-08A	SMS-TB-3	09/13/2006 08:00 09/14/2006	Aqueous	SW8260B_W		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Client Rep: Agnes R Ng

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-06A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V1H8624

Level:

(low/med) LOW

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

Q

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

CAS NO.

COMPOUND

75-71-8
56-23-5
1634-04-4Methyl tert-butyl ether 5 U 75-34-31,1-Dichloroethane 5 U 108-05-4Vinyl acetate 5 U 78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U
108-05-4Vinyl acetate 5 U 78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U
156-59-2cis-1,2-Dichloroethene 5 590-20-72,2-Dichloropropane 5 74-97-5Bromochloromethane 5 67-66-3Chloroform 5 71-55-61,1,1-Trichloroethane 5 563-58-61,1-Dichloropropene 5 56-23-5Carbon Tetrachloride 5 107-06-21,2-Dichloroethane 5 71-43-2Benzene 5 79-01-6Trichloroethene 5 78-87-51,2-Dichloropropane 5 74-95-3Dibromomethane 5 10061-01-5Bromodichloromethane 5 108-10-14-Methyl-2-pentanone 5 108-88-3Toluene 5 10061-02-6trans-1,3-Dichloropropene 5
67-66-3Chloroform 5 71-55-61,1,1-Trichloroethane 5 563-58-61,1-Dichloropropene 5 56-23-5Carbon Tetrachloride 5 107-06-21,2-Dichloroethane 5 71-43-2Benzene 5 79-01-6Trichloroethene 5 78-87-51,2-Dichloropropane 5 74-95-3Dibromomethane 5 10061-01-5cis-1,3-Dichloropropene 5 108-10-14-Methyl-2-pentanone 5 108-88-3Toluene 5 10061-02-6trans-1,3-Dichloropropene 5
563-58-61,1-Dichloropropene 5 56-23-5Carbon Tetrachloride 5 107-06-21,2-Dichloroethane 5 71-43-2Benzene 5 79-01-6Trichloroethene 5 78-87-51,2-Dichloropropane 5 74-95-3Dibromomethane 5 10061-01-5Bromodichloromethane 5 108-10-14-Methyl-2-pentanone 5 108-88-3Toluene 5 10061-02-6trans-1,3-Dichloropropene 5
71-43-2
78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U
75-27-4Bromodichloromethane 5 10061-01-5cis-1,3-Dichloropropene 5 108-10-14-Methyl-2-pentanone 5 108-88-3Toluene 5 10061-02-6trans-1,3-Dichloropropene 5
108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U

Lab Name: MITKEM CORPORATION

Lab Code: MITKEM Case No.:

Contract:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-06A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8624

Level: (low/med) LOW ...

Date Received: 09/14/06

% Moisture: not dec. _____

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

	1	
142-28-91,3-Dichloropropane	5	U
127-18-4Tetrachloroethene	5	บ
591-78-62-Hexanone	5	U
124-48-1Dibromochloromethane	5	Ū
106-93-41,2-Dibromoethane	5	U
108-90-7Chlorobenzene	5	ט ען
630-20-61,1,1,2-Tetrachloroethane	5	lΰ
100-41-4Ethylbenzene	5	Ü
m,p-Xylene	5	ט
95-47-6o-Xylene	2	ט
	5 5	ט
1330-20-7Xylene (Total)	2	1
100-42-5Styrene 75-25-2Bromoform	5 5	U
	5	1 "
98-82-8Isopropylbenzene	5	U
79-34-51,1,2,2-Tetrachloroethane	5	Ū
108-86-1Bromobenzene	5	U
96-18-41,2,3-Trichloropropane	5	U
103-65-1n-Propylbenzene	5	U
95-49-82-Chlorotoluene	5	Ū
108-67-81,3,5-Trimethylbenzene	5	U
106-43-44-Chlorotoluene	5	U
98-06-6tert-Butylbenzene	5	U
95-63-61,2,4-Trimethylbenzene	5	U
135-98-8sec-Butylbenzene	5	U
99-87-64-Isopropyltoluene	5	U
541-73-11,3-Dichlorobenzene	5	U
106-46-71,4-Dichlorobenzene	5	U
104-51-8n-Butylbenzene	5	U
95-50-11,2-Dichlorobenzene	5	U
96-12-81,2-Dibromo-3-chloropropane_	5	U
120-82-11,2,4-Trichlorobenzene	5	Ū
87-68-3Hexachlorobutadiene	5	U
91-20-3Naphthalene	5	U
87-61-61,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-11

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8624

Level: (low/med) LOW

Date Received: 09/14/06

Date Analyzed: 09/15/06

% Moisture: not dec. _____

Dilution Factor: 1.0

GC Column: DB-624 ID: 0.25 (mm)

22.____ 23.

25. 26. 27._ 28.__ 29. 30.

Number TICs found: 0

Soil Aliquot Volume: (uL)

Soil Extract Volume: (uL)

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
			========	=====
1		_		
3.				
4.				
5.				
6				
7				
8				i
9		_		
10				
12		-		
13.			***************************************	
14.				
15.				
16				
17		_		
18				
19		_		
20				

EPA SAMPLE NO.

SMS-MW-12

Lab Name: MITKEM CORPORATION

Lab Code: MITKEM Case No.:

Contract:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-05A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V1H8623

Level: (low/med)

LOW

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

COMPOUND CAS NO

(ug/I, or ug/Kg) UG/I,

0

CAS NO.	COMPOUND (ug/L or	ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane		5 U
	Chloromethane		5 U
	Vinyl Chloride		5 U
	Bromomethane		5 U
75-00-3	Chloroethane		5 U
75-69-4	Trichlorofluoromethane		5 U
	1,1-Dichloroethene		5 U
67-64-1			5 U
74-88-4	Iodomethane		5 U
75-15-0	Carbon Disulfide		5 U 5 U
75-09-2	Methylene Chloride		5 U
	trans-1,2-Dichloroethene		5 U U U U U U U U U U U U U U U U U U U
1634-04-4	Methyl tert-butyl ether -		5 U
75-34-3	1,1-Dichloroethane		5 U
	Vinyl acetate		5 U
78-93-3	2-Butanone		5 U
156-59-2	cis-1,2-Dichloroethene		5 U
	2,2-Dichloropropane		5 U
	Bromochloromethane		5 U
67-66-3	Chloroform		5 U
71-55-6	1,1,1-Trichloroethane		5 U
	1,1-Dichloropropene		5 U
56-23-5	Carbon Tetrachloride		5 U
	1,2-Dichloroethane		5 U
	Benzene		5 U 5 U
	Trichloroethene		5 U
	1,2-Dichloropropane		5 U
	Dibromomethane		5 U
	Bromodichloromethane	ALADA SANINA BARANA SANINA SANINA SANINA SANINA SANINA SANINA SANINA SANINA SANINA SANINA SANINA SANINA SANINA	5 U
	cis-1,3-Dichloropropene		5 U
	4-Methyl-2-pentanone		5 U
	Toluene		5 U
	trans-1,3-Dichloropropene	3	5 U
79-00-5	1,1,2-Trichloroethane		5 U

Lab Name: MITKEM CORPORATION

Lab Code: MITKEM Case No.:

Contract:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-05A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8623

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION

Lab Code: MITKEM Case No.:

Contract:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-05A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V1H8623

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: ____(uL)

Soil Aliquot Volume: ____(uL)

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
				====
1.				
2				
J. 1				
-I			· · · · · · · · · · · · · · · · · · ·	
J.				
6				
· · · · · · · · · · · · · · · · · · ·				
0.				
J. 1				
TO.				
14.				
1.7.			***************************************	
T 1				
10.				
1/·			<u></u>	
10.				
1.J.				
20.				
44.				
44.				
27.				
24.				
23.				
26.				
21.				
20.			Application of the Control of the Co	
20.				
30.				

Lab Name: MITKEM CORPORATION

Contract:

SDG No.: ME1400

Lab Code: MITKEM Case No.:

SAS No.:

Matrix: (soil/water) WATER

5.000 (g/mL) ML

Lab File ID: V1H8620

Sample wt/vol:

Level: (low/med)

LOW

Date Received: 09/14/06

Lab Sample ID: E1400-01A

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

CAS NO.

COMPOUND

Q

74-87-3 75-01-4 74-83-9 75-00-3 75-69-4 75-35-4 74-88-4	DichlorodifluoromethaneChloromethaneVinyl ChlorideBromomethaneChloroethaneTrichlorofluoromethane1,1-DichloroetheneAcetoneIodomethane	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ח ח ח ח ח ח ח ח
75-09-2 156-60-5 1634-04-4 75-34-3 108-05-4 78-93-3 156-59-2 590-20-7 74-97-5 67-66-3 563-58-6 56-23-5	Methylene Chloridetrans-1,2-DichloroetheneMethyl tert-butyl ether1,1-DichloroethaneVinyl acetate2-Butanonecis-1,2-Dichloroethene2,2-DichloropropaneBromochloromethaneChloroform1,1,1-Trichloroethane1,1-DichloropropeneCarbon Tetrachloride	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	מממממממממממ
71-43-2 79-01-6 78-87-5 74-95-3 75-27-4 10061-01-5 108-88-3 10061-02-6	Trichloroethene1,2-DichloropropaneDibromomethaneBromodichloromethanecis-1,3-Dichloropropene4-Methyl-2-pentanone	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	מממממממממ ממממממממ

SDG No.: ME1400

Lab File ID: V1H8620

CONCENTRATION UNITS:

Lab Name: MITKEM CORPORATION Contract:

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

Matrix: (soil/water) WATER Lab Sample ID: E1400-01A

5.000 (g/mL) ML Sample wt/vol:

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: not dec. _____ Date Analyzed: 09/15/06

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

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

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

142-28-91,3-Dichloropropane 127-18-4Tetrachloroethene 591-78-62-Hexanone 124-48-1Dibromochloromethane 106-93-41,2-Dibromoethane 108-90-7Chlorobenzene 630-20-61,1,1,2-Tetrachloroethane 100-41-4	5 5 5 5 5 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5	מממממממממממממממממממממממממממממ
--	---	-------------------------------

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-13	
-----------	--

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

LOW

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-01A

Sample wt/vol:

5.000 (q/mL) ML

Lab File ID: V1H8620

Level: (low/med)

Date Received: 09/14/06

% Moisture: not dec. _____

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Number TICs found: 0

Soil Aliquot Volume: ____(uL)

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	1
.				
1		-		
3			Andrew Control of the	
4		-		
5				
6.				
/.				
0.				
9.				
14.				
1J.				
<u></u>		_		
15.		.		
16.				
17.				***************************************
TO:				<u> </u>
1. J.		-		
40.				l
21.		-		
22.		-		<u></u>
23.		-	***************************************	
44.				l
25.				
26.				
27.		-		l
28.				
30.		-		l
JU.		-	l	

SMS-MW13D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-02A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8621

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec. _____

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

74-87-3	Dichlorodifluoromethane	5	тт
74-87-3			U
		5	U
	Vinyl Chloride	- 5	U
74-83-9	Bromomethane	5	U
	Chloroethane	.: 5	U
	Trichlorofluoromethane	5	U
	1,1-Dichloroethene	5 5 5 5 5 5 5	U
67-64-1		5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
	Vinyl acetate	5 5	U
78-93-3		5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane		U
	Bromochloromethane		U.
67-66-3		5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
	Carbon Tetrachloride		U
	1,2-Dichloroethane	5	U
71-43-2			U
	Trichloroethene		U
	1,2-Dichloropropane	5	U
	Dibromomethane	5	U
	Bromodichloromethane	5	U
	cis-1,3-Dichloropropene	5	U
	4-Methyl-2-pentanone	5	U
108-88-3		5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	- 5	U

EPA SAMPLE NO.

SMS-MW13D

Lab Name: MITKEM CORPORATION Contract:

Case No.:

LOW

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-02A

Sample wt/vol:

Lab Code: MITKEM

5.000 (g/mL) ML

Lab File ID: V1H8621

Level: (low/med)

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: ____(uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

Q

		·············	
142-28-9	1,3-Dichloropropane	5	U ·
	Tetrachloroethene	5	U
	2-Hexanone	. 5	U
124-48-1	Dibromochloromethane	5	U
	1,2-Dibromoethane	5	Ū
	Chlorobenzene	5	U
	1,1,1,2-Tetrachloroethane	5	U
	Ethylbenzene	5	U
	m,p-Xylene		Ū
95-47-6		5	U
	Xylene (Total)		Ū
100-42-5			Ū
	Bromoform		Ū
	Isopropylbenzene		Ū
	1,1,2,2-Tetrachloroethane		Ū
	Bromobenzene		Ū
	1,2,3-Trichloropropane		Ū
	n-Propylbenzene		Ū
	2-Chlorotoluene		Ū
	1,3,5-Trimethylbenzene		U
	4-Chlorotoluene		U
	tert-Butylbenzene		Ū
	1,2,4-Trimethylbenzene		Ū
	sec-Butylbenzene		U
	4-Isopropyltoluene	5	U
	1,3-Dichlorobenzene	5	U
	1,4-Dichlorobenzene	5 5	U
	n-Butylbenzene		Ū.
	1,2-Dichlorobenzene	5	Ū
	1,2-Dibromo-3-chloropropane		Ū
	1,2-Dibiomo-3-Chiolopiopane_ 1,2,4-Trichlorobenzene	5 5	Ū
	Hexachlorobutadiene	5	U
	Naphthalene	5	Ū
	1,2,3-Trichlorobenzene	5	TT
0/-0T-0	I, 2, 3-111CII1CICDDeIIZeIIe	2	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW13D

SDG No.: ME1400

Lab Name: MITKEM CORPORATION

Lab Code: MITKEM Case No.:

Contract:

SAS No.:

Matrix: (soil/water) WATER

Lab Sample ID: E1400-02A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8621

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec. _____

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Number TICs found: 0

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

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

CAS NUMBER	COMPOUND NAME	RT		Q
1.				
1. 2. 3. 4.				
3.				
4.			***************************************	
5.				
0.				
/ •				
0.				
<i>9</i> •				
				
-LL				
12.		-		
10.				
16.		***************************************		
エノ・ !				
20.				
Z1.				
44.				
23.				
24.				
23.				
20.				
41.				
20.				***************************************
29.				
30				

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-07A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V1H8625

Level: (low/med)

LOW

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

75-71-8	Dighlorediflyeremethere		1
	-Dicitiologitifuoromechane	5	U
74-87-3	-Chloromethane	5	U
75-01-4	-Vinvl Chloride	5	U
74-83-9		5	U
75-00-3		5	Ū
	-Trichlorofluoromethane	5	II
75-35-4	-1,1-Dichloroethene	5	U
67-64-1		5	Ū
74-88-4		5	Ū
	-Carbon Disulfide	5	Ū
	-Methylene Chloride	5	U
	-trans-1,2-Dichloroethene	5	U
	-Methyl tert-butyl ether	5	Ū
	-1,1-Dichloroethane	5	υ
108-05-4		5	U
78-93-3		5	Ü
	-cis-1,2-Dichloroethene	5	TI U
	-2,2-Dichloropropane	5	U
74-97-5	-Bromochloromethane	5	U
67-66-3		5	שו
	-1,1,1-Trichloroethane	5	Ū
	-1,1-Dichloropropene	5	U
	-Carbon Tetrachloride	5	ln lo
	-1,2-Dichloroethane	5	Ü
71-43-2		5	IJ
	-Trichloroethene	5	ū
	-1,2-Dichloropropane	5	ט
74-95-3		5	U
	-Bromodichloromethane	5	U
	-cis-1,3-Dichloropropene	5	U
108-10-1	-4-Methyl-2-pentanone	5	מן
108-88-3	-Toluene	5	ט
	-trans-1,3-Dichloropropene	5	U
	-1,1,2-Trichloroethane	5 5	U
75 00-3	T, T, Z IIICIIIOIOECIIAIIE	5	٦

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-07A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8625

Level: (low/med)

LOW

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-14

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-07A

Sample wt/vol:

5.000 (q/mL) ML

Lab File ID: V1H8625

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

Number TICs found: 0

			T	I
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
		=======	AND THE PARTY STATES AND AND AND AND AND AND AND AND AND AND	
1.				
1. 2. 3.				
3				
3				·
4				
) 5.				
1 0.				
/•			· ·	
, 0.				
9.				
10				
10.				
11.				l
1 14.				
,,			***************************************	
<u>14</u> .				
15.				
16.				
1 1/.				
18				
19.				
30.				
20.		***************************************		
21.				
1 44.				
, 20.		***************************************		
44.				
1 49.				
26.				
27.				
28				
28. 29.				
43.				
30.				
				<u> </u>

SMSMW16DA

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-04A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V1H8622

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	
---------	--

COMPOUND

(ug/L or ug/Kg) UG/L

Q

1		1
75-71-8	Dichlorodifluoromethane	5 U
1	Chloromethane	5 บ
	Vinyl Chloride	5 U
	Bromomethane	5 U
	Chloroethane	5 U
	Trichlorofluoromethane	5 U
	1,1-Dichloroethene	5 U
67-64-1		
	Iodomethane	5 U 5 U 5 U
75-15-0	Carbon Disulfide	5 U
	Methylene Chloride	5 U
	trans-1,2-Dichloroethene	5 U
	Methyl tert-butyl ether	1 J
	1,1-Dichloroethane	5 U
	Vinyl acetate	5 U
	2-Butanone	5 U
156-59-2	cis-1,2-Dichloroethene	5 U
	2,2-Dichloropropane	5 U
	Bromochloromethane	5 U
	Chloroform	5 U 5 U 5 U 5 U
71-55-6	1,1,1-Trichloroethane	5 U
	1,1-Dichloropropene	5 U
	Carbon Tetrachloride	5 U
107-06-2	1,2-Dichloroethane	5 U 5 U
71-43-2		5 U
	Trichloroethene	5 U
	1,2-Dichloropropane	5 U 5 U 5 U
	Dibromomethane	5 U
	Bromodichloromethane	
	cis-1,3-Dichloropropene	5 U
	4-Methyl-2-pentanone	5 U
108-88-3		5 U
	trans-1,3-Dichloropropene	5 U
79-00-5	1,1,2-Trichloroethane	5 U
-		

EPA SAMPLE NO.

SMSMW16DA

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-04A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8622

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND

(ug/L or ug/Kg) UG/L

0

1		
142-28-9	1,3-Dichloropropane	5 U
	Tetrachloroethene	5 U
	2-Hexanone	5 U
	Dibromochloromethane	5 U
	1,2-Dibromoethane	5 U
	Chlorobenzene	5 U
	1,1,1,2-Tetrachloroethane	5 U
	Ethylbenzene	5 U
	m,p-Xylene	5 U
95-47-6		5 U
	Xylene (Total)	5 U 5 U
100-42-5		5 บ
	Bromoform	5 U
	Isopropylbenzene	5 U
	1,1,2,2-Tetrachloroethane	5 U
	Bromobenzene	5 U
	1,2,3-Trichloropropane	5 U
103-65-1	n-Propylbenzene	. 5 U
	2-Chlorotoluene	5 U
	1,3,5-Trimethylbenzene	5 U
	4-Chlorotoluene	5 U
	tert-Butylbenzene	5 U
95-63-6	1,2,4-Trimethylbenzene	5 U
	sec-Butylbenzene	5 U
	4-Isopropyltoluene	5 U
	1,3-Dichlorobenzene	5 U
	1,4-Dichlorobenzene	5 U
	n-Butylbenzene	5 U
95-50-1	1,2-Dichlorobenzene	5 U
	1,2-Dibromo-3-chloropropane	5 U
	1,2,4-Trichlorobenzene	5 U
	Hexachlorobutadiene	5 U
	Naphthalene	5 U
87-61-6	1,2,3-Trichlorobenzene	5 U
	, , , , , , , , , , , , , , , , , , , ,	
I		l l l

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMSMW16DA

Lab Nam	ne: MITKEM	CORPORATION	Contract:
Lab Cod	de: MITKEM	Case No.:	SAS No.

SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-04A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8622

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec. _____

Date Analyzed: 09/15/06

Number TICs found: 0

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
1	=======================================			====
<u>~</u> .		-		
<u> </u>				
±•				
5.				
b.		-		
7.		-		
0.		-		
9.				
14.				
1 · · · · · · · · · · · · · · · · · · ·				
14.				
15.				
16. 17.		*		
10		-		
18.		-		
20.				
ZI.				
44.				
23.				
44.				
25.				
26.				
41.		-		
28.				
30				

EPA SAMPLE NO.

SMS-MW16D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-03A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8614

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec. _____

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(uq/L or uq/Kq) UG/L

Q

75-71-8				
74-87-3Chloromethane 5 U 75-01-4Vinyl Chloride 5 U 74-83-9Bromomethane 5 U 75-00-3Chloroethane 5 U 75-69-4Trichlorofluoromethane 5 U 75-35-41,1-Dichloroethene 5 U 67-64-1Acetone 5 U 74-88-4Iodomethane 5 U 75-15-0Carbon Disulfide 5 U 75-09-2	75-71-8	Dichlorodifluoromethane	5	U
75-01-4				
74-83-9			5	U
75-00-3			- 5	U
75-69-4Trichlorofluoromethane 5 U 75-35-41,1-Dichloroethene 5 U 67-64-1Acetone 5 U 74-88-4Iodomethane 5 U 75-15-0Carbon Disulfide 5 U 75-09-2			- 5	ŢŢ
75-35-41,1-Dichloroethene 5 U 67-64-1Acetone 5 U 74-88-4Iodomethane 5 U 75-15-0Carbon Disulfide 5 U 75-09-2	75-69-4	Trichlorofluoromethane	- 5	U
67-64-1	75-35-4	1.1-Dichloroethene	- 5	U
74-88-4			- 5	Ū
75-15-0Carbon Disulfide 5 U 75-09-2Methylene Chloride 5 U 156-60-5trans-1,2-Dichloroethene 5 U 1634-04-4Methyl tert-butyl ether 1 J 75-34-31,1-Dichloroethane 5 U 108-05-4			- 5	U
75-09-2Methylene Chloride 5 U 156-60-5trans-1,2-Dichloroethene 5 U 1634-04-4Methyl tert-butyl ether 1 J 75-34-31,1-Dichloroethane 5 U 108-05-4Vinyl acetate 5 U 78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 5 U 78-87-5Bromodichloromethane 5 U 75-27-4			- 5	U
156-60-5trans-1,2-Dichloroethene 5 U 1634-04-4Methyl tert-butyl ether 1 J 75-34-31,1-Dichloroethane 5 U 108-05-4Vinyl acetate 5 U 78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-5			- 5	ΙΠ
1634-04-4Methyl tert-butyl ether 1 J 75-34-31,1-Dichloroethane 5 U 108-05-4Vinyl acetate 5 U 78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 562-3-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 10061-01-5Bromodichloromethane 5 U 10061-01-5			- 5	Ū
75-34-31,1-Dichloroethane 5 U 108-05-4Vinyl acetate 5 U 78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 563-58-61,2-Dichloropropene 5 U 70-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-5Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 1061-01-5				
108-05-4	75-34-3	1.1-Dichloroethane		
78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U			- 5	U
156-59-2cis-1,2-Dichloroethene 5 U 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 5623-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U			5	U
590-20-72, 2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61, 1, 1-Trichloroethane 5 U 563-58-61, 1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21, 2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51, 2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1, 3-Dichloropropene 5 U 108-88-3Toluene 5 U 10061-02-6trans-1, 3-Dichloropropene 5 U			- 5	U
74-97-5	590-20-7	2.2-Dichloropropane	- 5	Ū
67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U			5	Ū
71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U			5	U
563-58-61,1-Dichloropropene 5 56-23-5Carbon Tetrachloride 5 107-06-21,2-Dichloroethane 5 71-43-2Benzene 5 79-01-6Trichloroethene 5 78-87-51,2-Dichloropropane 5 74-95-3Dibromomethane 5 75-27-4Bromodichloromethane 5 10061-01-5cis-1,3-Dichloropropene 5 108-88-3Toluene 5 10061-02-6trans-1,3-Dichloropropene 5			- 5	U
56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	563-58-6	1.1-Dichloropropene		
107-06-21, 2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51, 2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1, 3-Dichloropropene 5 U 108-88-3Toluene 5 U 10061-02-6trans-1, 3-Dichloropropene 5 U	56-23-5	Carbon Tetrachloride	- 5	lπ
71-43-2Benzene 5 U 79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U				
79-01-6Trichloroethene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U				
78-87-51, 2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1, 3-Dichloropropene 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1, 3-Dichloropropene 5 U				
74-95-3				
75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U				
10061-01-5cis-1,3-Dichloropropene 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U				
108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U				
108-88-3	108-10-1	4-Methvl-2-pentanone		
10061-02-6trans-1,3-Dichloropropene 5 U				
79-00-51,1,2-Trichloroethane5U	10061-02-6	trans-1.3-Dichloropropene		
	79-00-5	1.1.2-Trichloroethane		

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW16D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-03A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8614

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec. _____

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(uq/L or uq/Kq) UG/L

127-18-4 591-78-6 124-48-1 106-93-4 108-90-7 630-20-6 100-41-4 95-47-6 75-25-2 98-82-8 79-34-5 108-86-1 96-18-4 95-49-8 106-43-4 98-06-6 95-63-6 135-98-8 95-63-6 135-98-8 99-87-6 104-51-8 95-50-1 96-12-8	Xylene (Total)StyreneBromoformIsopropylbenzene1,1,2,2-TetrachloroethaneBromobenzene1,2,3-Trichloropropanen-Propylbenzene2-Chlorotoluene1,3,5-Trimethylbenzene4-Chlorotoluenetert-Butylbenzene1,2,4-Trimethylbenzene1,2,4-Trimethylbenzene1,3-Dichlorobenzene1,3-Dichlorobenzene1,4-Dichlorobenzene1,2-Dichlorobenzene1,2-Dibromo-3-chloropropane	555555555555555555555555555555555555555
95-50-1 96-12-8 120-82-1 87-68-3 91-20-3	1,2-Dichlorobenzene	5 U

1 F.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

EPA SAMPLE NO.

SMS-MW16D

Lab Code: MITKEM	Case No.:	SAS No.:	SDG	No.: ME1400
Matrix: (soil/water)	WATER	Lab Sample	ID:	E1400-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8614

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: not dec. ____ Date Analyzed: 09/15/06

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

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

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

Number TICs found: 0 RTEST. CONC. CAS NUMBER COMPOUND NAME 0 6.___ 9.___ 10. 11. 12.____ 13.____ 14.____ 15.____ 16. 17. 19. 20.____ 21.___ 22.__ 23.___ 24.____ 25.____ 26.____ 27.__ 28. 29. 30.

EPA SAMPLE NO.

SMS-MW16DMS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-03AMS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8615

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: not dec. ____ Date Analyzed: 09/15/06

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

75-71-8	Dichlorodifluoromethane	51
	Chloromethane	49
	Vinyl Chloride	- 45
	Bromomethane	- 50
	Chloroethane	- 49
	Trichlorofluoromethane	65
	1,1-Dichloroethene	- 49
67-64-1		- 34
	Iodomethane	49
	Carbon Disulfide	55
	Methylene Chloride	49
156-60-5	trans-1,2-Dichloroethene	52
	Methyl tert-butyl ether	44
75-34-3	1,1-Dichloroethane	50
108-05-4	Vinyl acetate	46
	2-Butanone	43
	cis-1,2-Dichloroethene	51
	2,2-Dichloropropane	48
	Bromochloromethane	48
	Chloroform	49
71-55-6	1,1,1-Trichloroethane	48
	1,1-Dichloropropene	52
	Carbon Tetrachloride	49
107-06-2	1,2-Dichloroethane	45
71-43-2		51
79-01-6	Trichloroethene	49
	1,2-Dichloropropane	49
	Dibromomethane	46
75-27-4	Bromodichloromethane	48
	cis-1,3-Dichloropropene	47
	4-Methyl-2-pentanone	41
108-88-3	Toluene	50
10061-02-6	trans-1,3-Dichloropropene	45
	1,1,2-Trichloroethane	46

SMS-MW16DMS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-03AMS

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8615

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

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

142-28-91,3-Dichloropropane 46 127-18-4				
127-18-4	142-28-9	1.3-Dichloropropane	16	
591-78-62-Hexanone 42 124-48-1Dibromochloromethane 46 106-93-41, 2-Dibromoethane 46 108-90-7Chlorobenzene 50 630-20-61, 1, 1, 2-Tetrachloroethane 49 100-41-4	127-18-4	Tetrachloroethene		
124-48-1	591-78-6	2-Hexanone		FEET
106-93-41,2-Dibromoethane 108-90-7Chlorobenzene 630-20-61,1,1,2-Tetrachloroethane 100-41-4Ethylbenzene	124-48-1	Dibromochloromethane	.	
108-90-7	106-93-4	1.2-Dibromoethane		
630-20-61,1,1,2-Tetrachloroethane 100-41-4Ethylbenzene	108-90-7	Chlorobenzene		
100-41-4Ethylbenzene	630-20-6	1.1.1.2-Tetrachloroethane		
95-47-6	100-41-4	Ethylbenzene		
95-47-6				
1330-20-7	95-47-6	o-Xvlene		
100-42-5	1330-20-7	Xvlene (Total)		
75-25-2Bromoform 98-82-8Isopropylbenzene 79-34-5I,1,2,2-Tetrachloroethane 108-86-1Bromobenzene 96-18-4I,2,3-Trichloropropane 103-65-1n-Propylbenzene 95-49-82-Chlorotoluene 108-67-8I,3,5-Trimethylbenzene 106-43-44-Chlorotoluene 98-06-6tert-Butylbenzene 95-63-6I,2,4-Trimethylbenzene 135-98-8sec-Butylbenzene 99-87-61,3-Dichlorobenzene 106-46-7I,4-Dichlorobenzene 106-46-7I,2-Dichlorobenzene 106-12-8I,2-Dichlorobenzene 120-82-1I,2-Dichlorobenzene 120-82-1I,2,4-Trichlorobenzene 139-20-3Naphthalene	100-42-5	Styrene		
98-82-8	75-25-2	Bromoform		
79-34-51,1,2,2-Tetrachloroethane 44 108-86-1Bromobenzene 51 96-18-41,2,3-Trichloropropane 45 103-65-1n-Propylbenzene 52 95-49-82-Chlorotoluene 50 108-67-81,3,5-Trimethylbenzene 49 106-43-44-Chlorotoluene 51 98-06-6tert-Butylbenzene 48 95-63-61,2,4-Trimethylbenzene 49 135-98-8sec-Butylbenzene 49 99-87-64-Isopropyltoluene 48 541-73-11,3-Dichlorobenzene 50 106-46-71,4-Dichlorobenzene 51 104-51-8Butylbenzene 48 95-50-11,2-Dichlorobenzene 49 96-12-81,2-Dichlorobenzene 49 120-82-11,2-Dibromo-3-chloropropane 38 120-82-1	98-82-8	Isopropylbenzene		
108-86-1Bromobenzene 51 96-18-41,2,3-Trichloropropane 45 103-65-1n-Propylbenzene 52 95-49-82-Chlorotoluene 50 108-67-81,3,5-Trimethylbenzene 49 106-43-44-Chlorotoluene 51 98-06-6tert-Butylbenzene 48 95-63-61,2,4-Trimethylbenzene 49 135-98-8sec-Butylbenzene 49 99-87-61,3-Dichlorobenzene 50 106-46-71,4-Dichlorobenzene 51 104-51-81,2-Dichlorobenzene 48 95-50-11,2-Dichlorobenzene 49 96-12-81,2-Dibromo-3-chloropropane 38 120-82-11,2,4-Trichlorobenzene 48 87-68-3	79-34-5	1,1,2,2-Tetrachloroethane		
96-18-41,2,3-Trichloropropane 103-65-1n-Propylbenzene 95-49-82-Chlorotoluene 108-67-81,3,5-Trimethylbenzene 106-43-44-Chlorotoluene 98-06-6tert-Butylbenzene 95-63-61,2,4-Trimethylbenzene 135-98-8sec-Butylbenzene 99-87-64-Isopropyltoluene 51 106-46-71,3-Dichlorobenzene 106-46-71,4-Dichlorobenzene 104-51-8Butylbenzene 95-50-11,2-Dichlorobenzene 104-51-81,2-Dichlorobenzene 120-82-11,2,4-Trichlorobenzene 48 87-68-3	108-86-1	Bromobenzene		
103-65-1n-Propylbenzene 95-49-82-Chlorotoluene 108-67-81,3,5-Trimethylbenzene 106-43-44-Chlorotoluene 98-06-6tert-Butylbenzene 95-63-61,2,4-Trimethylbenzene 135-98-8sec-Butylbenzene 99-87-64-Isopropyltoluene 51 99-87-61,3-Dichlorobenzene 106-46-71,4-Dichlorobenzene 104-51-8n-Butylbenzene 95-50-11,2-Dichlorobenzene 120-82-11,2-Dibromo-3-chloropropane 120-82-11,2,4-Trichlorobenzene 87-68-3	96-18-4	1,2,3-Trichloropropane		
95-49-82-Chlorotoluene 108-67-81,3,5-Trimethylbenzene 106-43-44-Chlorotoluene 98-06-6tert-Butylbenzene 95-63-61,2,4-Trimethylbenzene 135-98-8sec-Butylbenzene 99-87-64-Isopropyltoluene 541-73-11,3-Dichlorobenzene 106-46-71,4-Dichlorobenzene 104-51-8Butylbenzene 95-50-11,2-Dichlorobenzene 120-82-11,2,4-Trichlorobenzene 87-68-3	103-65-1	n-Propylbenzene		
108-67-81,3,5-Trimethylbenzene 49 106-43-44-Chlorotoluene 51 98-06-6tert-Butylbenzene 48 95-63-61,2,4-Trimethylbenzene 49 135-98-8sec-Butylbenzene 49 99-87-64-Isopropyltoluene 48 541-73-11,3-Dichlorobenzene 50 106-46-71,4-Dichlorobenzene 51 104-51-8Butylbenzene 48 95-50-11,2-Dichlorobenzene 49 96-12-81,2-Dibromo-3-chloropropane 38 120-82-11,2,4-Trichlorobenzene 48 87-68-3	95-49-8	2-Chlorotoluene	1	
106-43-44-Chlorotoluene 51 98-06-6tert-Butylbenzene 48 95-63-61,2,4-Trimethylbenzene 49 135-98-8sec-Butylbenzene 49 99-87-64-Isopropyltoluene 48 541-73-11,3-Dichlorobenzene 50 106-46-71,4-Dichlorobenzene 51 104-51-8Butylbenzene 48 95-50-11,2-Dichlorobenzene 49 96-12-81,2-Dibromo-3-chloropropane 38 120-82-11,2,4-Trichlorobenzene 48 87-68-3	108-67-8	1,3,5-Trimethylbenzene	1	
98-06-6tert-Butylbenzene 48 95-63-61,2,4-Trimethylbenzene 49 135-98-8sec-Butylbenzene 49 99-87-64-Isopropyltoluene 48 541-73-11,3-Dichlorobenzene 50 106-46-71,4-Dichlorobenzene 51 104-51-8Butylbenzene 48 95-50-11,2-Dichlorobenzene 49 96-12-81,2-Dibromo-3-chloropropane 38 120-82-11,2,4-Trichlorobenzene 48 87-68-3	106-43-4	4-Chlorotoluene		
95-63-61,2,4-Trimethylbenzene 135-98-8sec-Butylbenzene 99-87-64-Isopropyltoluene 541-73-11,3-Dichlorobenzene 106-46-71,4-Dichlorobenzene 104-51-8Butylbenzene 95-50-11,2-Dichlorobenzene 96-12-81,2-Dibromo-3-chloropropane 120-82-11,2,4-Trichlorobenzene 87-68-3	98-06-6	tert-Butylbenzene	l I	
135-98-8sec-Butylbenzene 49 99-87-64-Isopropyltoluene 48 541-73-11,3-Dichlorobenzene 50 106-46-71,4-Dichlorobenzene 51 104-51-8	95-63-6	1,2,4-Trimethylbenzene		
99-87-64-Isopropyltoluene 48 541-73-11,3-Dichlorobenzene 50 106-46-71,4-Dichlorobenzene 51 104-51-8Butylbenzene 48 95-50-11,2-Dichlorobenzene 49 96-12-81,2-Dibromo-3-chloropropane 38 120-82-11,2,4-Trichlorobenzene 48 87-68-3	135-98-8	sec-Butylbenzene	49	
541-73-11,3-Dichlorobenzene 50 106-46-71,4-Dichlorobenzene 51 104-51-8Butylbenzene 48 95-50-11,2-Dichlorobenzene 49 96-12-81,2-Dibromo-3-chloropropane 38 120-82-11,2,4-Trichlorobenzene 48 87-68-3	99-87-6	4-Isopropyltoluene	48	
106-46-71,4-Dichlorobenzene 51 104-51-8n-Butylbenzene 48 95-50-11,2-Dichlorobenzene 49 96-12-81,2-Dibromo-3-chloropropane 38 120-82-11,2,4-Trichlorobenzene 48 87-68-3	541-73-1	1,3-Dichlorobenzene	50	
104-51-8n-Butylbenzene 48 95-50-11,2-Dichlorobenzene 49 96-12-81,2-Dibromo-3-chloropropane 38 120-82-11,2,4-Trichlorobenzene 48 87-68-3	106-46-7	1,4-Dichlorobenzene	1 1	
95-50-11,2-Dichlorobenzene 49 96-12-81,2-Dibromo-3-chloropropane 38 120-82-11,2,4-Trichlorobenzene 48 87-68-3	104-51-8	n-Butylbenzene	J I	
96-12-81,2-Dibromo-3-chloropropane 38 120-82-11,2,4-Trichlorobenzene 48 87-68-3	95-50-1	1,2-Dichlorobenzene	ł i	
120-82-11,2,4-Trichlorobenzene 48 87-68-3Hexachlorobutadiene 43 91-20-3Naphthalene 39	96-12-8	1,2-Dibromo-3-chloropropane	38	
87-68-3	120-82-1	1,2,4-Trichlorobenzene		
91-20-3Naphthalene 39 87-61-61,2,3-Trichlorobenzene 46	87-68-3	Hexachlorobutadiene		
87-61-61,2,3-Trichlorobenzene 46	91-20-3	Naphthalene	39	
	87-61-6	1,2,3-Trichlorobenzene		

SMS-MW16DMSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-03AMSD

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8616

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec. _____

Soil Extract Volume: ____(uL)

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

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	47	
75-01-4	Vinyl Chloride	- 44	
74-83-9	Bromomethane	51	
75-00-3	Chloroethane	- 48	
75-69-4	Trichlorofluoromethane	62	
75-35-4	1,1-Dichloroethene	- 47	
67-64-1	Acetone	- 36	
74-88-4	Iodomethane	- 49	
75-15-0	Carbon Disulfide	- 53	
75-09-2	Methylene Chloride	- 49	
156-60-5	trans-1,2-Dichloroethene	51	
1634-04-4	Methvl tert-butvl ether	- 44	
75-34-3	1,1-Dichloroethane	- 50	
108-05-4	Vinyl acetate	- 46	
78-93-3	2-Butanone	- 42	
156-59-2	cis-1,2-Dichloroethene	50	
590-20-7	2.2-Dichloropropane	- 48	
74-97-5	Bromochloromethane	- 49	
67-66-3	Chloroform	- 50 -	
71-55-6	1,1,1-Trichloroethane	- 47	
563-58-6	1,1-Dichloropropene	- 50	
56-23-5	Carbon Tetrachloride	- 46	
107-06-2	1,2-Dichloroethane	- 45	
71-43-2	Benzene	51	
79-01-6	Trichloroethene	- 31	
78-87-5	1,2-Dichloropropane	51	
74-95-3	Dibromomethane	46	
75-27-4	Bromodichloromethane	- 49	
10061-01-5	cis-1,3-Dichloropropene	48	
108-10-1	4-Methyl-2-pentanone	- 40	
108-88-3	Toluene	- 50	
10061-02-6	trans-1,3-Dichloropropene	46	
79-00-5	1,1,2-Trichloroethane	45	
	-,-,- 111101000110110	45	

VOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW16DMSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-03AMSD

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V1H8616

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: ____(uL)

CAS NO. COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

	COMPOUND (ug/L OI ug/kg)	
142-28-9	1,3-Dichloropropane	46
	Tetrachloroethene	48
	2-Hexanone	41
	Dibromochloromethane	46
	1,2-Dibromoethane	45
	Chlorobenzene	50
	1,1,1,2-Tetrachloroethane	48
100-41-4	Ethylbenzene	50
	m,p-Xylene	98
95-47-6	o-Xylene	48
	Xylene (Total)	150
	Styrene	49
	Bromoform	43
	Isopropylbenzene	47
	1,1,2,2-Tetrachloroethane	43
	Bromobenzene	51
	1,2,3-Trichloropropane	44
	n-Propylbenzene	51
	2-Chlorotoluene	51
	1,3,5-Trimethylbenzene	49
	4-Chlorotoluene	51
	tert-Butylbenzene	48
	1,2,4-Trimethylbenzene	49
	sec-Butylbenzene	47
	4-Isopropyltoluene	47
541-73-1	1,3-Dichlorobenzene	50
106-46-7	1,4-Dichlorobenzene	50
	n-Butylbenzene	47
	1,2-Dichlorobenzene	50
	1,2-Dibromo-3-chloropropane	36
	1,2,4-Trichlorobenzene	47
	Hexachlorobutadiene	44
	Naphthalene	37
87-61-6	1,2,3-Trichlorobenzene	45

SMS-TB-3

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

LOW

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-08A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V1H8626

Level: (low/med)

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

Q

SMS-TB-3

Lab Name: MITKEM CORPORATION

Contract:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Code: MITKEM Case No.:

Lab Sample ID: E1400-08A

Sample wt/vol:

5.000 (q/mL) ML

Lab File ID: V1H8626

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: not dec. _____

Date Analyzed: 09/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

Q

**************************************	**************************************		r
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene		Ū
	2-Hexanone	5	Ū
124-48-1	Dibromochloromethane	5	Ū
	1,2-Dibromoethane	5	Ū.
	Chlorobenzene	5	IJ
630-20-6	1,1,1,2-Tetrachloroethane	5	n n
	Ethylbenzene	5	Ū
	m,p-Xylene	5	Ū
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U U
	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	Ū
	Bromobenzene		U
96-18-4	1,2,3-Trichloropropane		U
103-65-1	n-Propylbenzene		υ
	2-Chlorotoluene		U
108-67-8	1,3,5-Trimethylbenzene		U
106-43-4	4-Chlorotoluene		U
98-06-6	tert-Butylbenzene		U
95-63-6	1,2,4-Trimethylbenzene		Ū
135-98-8	sec-Butylbenzene		U
99-87-6	4-Isopropyltoluene		
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene		
104-51-8	n-Butylbenzene		
	1,2-Dichlorobenzene		
	1,2-Dibromo-3-chloropropane		U
120-82-1	1,2,4-Trichlorobenzene		U
	Hexachlorobutadiene		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.

SMS-TB-3	

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-08A

Sample wt/vol:

5.000 (q/mL) ML

LOW

Lab File ID: V1H8626

Level: (low/med)

Date Received: 09/14/06

% Moisture: not dec.

Date Analyzed: 09/15/06

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Number TICs found: 0

Soil Aliquot Volume: ____(uL)

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	=======================================			=====
1				
2				
٥.				
T.				
5				
. .				
/ •				
0.			***************************************	
J.				
10.				***************************************
11.				
12.				
13.				
14.				
±				
10.				
1/.				
18.				***************************************
19.				
20.				

22.				
23.			**************************************	
24.				
25.				***************************************
26.				
27.				
28				
28.				
42.				
30.				
<u> </u>				

VISLCS

Lab Name: MITKEM CORPORATION Contract:

Case No.:

Lab Code: MITKEM

SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: LCS-25925

Sample wt/vol: 5.000 (q/mL) ML Lab File ID: V1H8613

Level: (low/med) LOW Date Received:

% Moisture: not dec. ____ Date Analyzed: 09/15/06

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 75-71-8-----Dichlorodifluoromethane 51 74-87-3-----Chloromethane 49 75-01-4-----Vinyl Chloride 45 74-83-9-----Bromomethane 51 75-00-3-----Chloroethane 49 75-69-4-----Trichlorofluoromethane 64 75-35-4----1,1-Dichloroethene 49 67-64-1-----Acetone 75 74-88-4-----Iodomethane 50 75-15-0-----Carbon Disulfide 54 75-09-2----Methylene Chloride 52 156-60-5----trans-1,2-Dichloroethene 51 1634-04-4----Methyl tert-butyl ether 46 75-34-3----1,1-Dichloroethane 50 108-05-4-----Vinyl acetate 46 78-93-3----2-Butanone 65 156-59-2----cis-1,2-Dichloroethene 51 590-20-7----2,2-Dichloropropane 47 74-97-5-----Bromochloromethane 49 67-66-3-----Chloroform 51 71-55-6----1,1,1-Trichloroethane 47 563-58-6----1,1-Dichloropropene 50 56-23-5-----Carbon Tetrachloride 48 107-06-2----1,2-Dichloroethane 48 71-43-2----Benzene 52 79-01-6-----Trichloroethene 50 78-87-5----1,2-Dichloropropane 51 74-95-3-----Dibromomethane 49 75-27-4-----Bromodichloromethane 50 10061-01-5----cis-1,3-Dichloropropene 49 108-10-1----4-Methyl-2-pentanone 47 108-88-3-----Toluene 50 10061-02-6----trans-1,3-Dichloropropene 48 79-00-5----1,1,2-Trichloroethane 48

V1SLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: LCS-25925

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8613

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

% Moisture: not dec. Date Analyzed: 09/15/06

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0 142-28-9----1,3-Dichloropropane 49 127-18-4----Tetrachloroethene 68 591-78-6----2-Hexanone 59 124-48-1-----Dibromochloromethane 49 106-93-4----1,2-Dibromoethane 49 108-90-7-----Chlorobenzene 50 630-20-6----1,1,1,2-Tetrachloroethane 50 100-41-4-----Ethylbenzene 50 ----m, p-Xylene 95-47-6----o-Xylene 96 48 1330-20-7-----Xylene (Total) 140 100-42-5-----Styrene 51 75-25-2-----Bromoform 48 98-82-8-----Isopropylbenzene 48 79-34-5----1,1,2,2-Tetrachloroethane 47 108-86-1-----Bromobenzene 50 96-18-4----1,2,3-Trichloropropane 48 103-65-1----n-Propylbenzene 50 95-49-8----2-Chlorotoluene 50 108-67-8-----1,3,5-Trimethylbenzene_ 48 106-43-4----4-Chlorotoluene 50 98-06-6----tert-Butylbenzene 38 95-63-6----1,2,4-Trimethylbenzene 47 135-98-8----sec-Butylbenzene 47 99-87-6----4-Isopropyltoluene 46 541-73-1----1,3-Dichlorobenzene 49 106-46-7----1,4-Dichlorobenzene 50 104-51-8----n-Butylbenzene 46 95-50-1----1,2-Dichlorobenzene 49 96-12-8----1, 2-Dibromo-3-chloropropane 41 120-82-1----1,2,4-Trichlorobenzene 49 87-68-3-----Hexachlorobutadiene 40 91-20-3-----Naphthalene 42 87-61-6----1,2,3-Trichlorobenzene 47

SMS-MW-11

Lab Name: MITKEM CORPORATION Contract:

GPC Cleanup: (Y/N) N pH:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8161

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

injection volume: 1.0(db)

CONCENTRATION UNITS:

CAS NO. COMPOUND (uq/L or uq/Kg) UG/L Q

108-95-2	Phenol	10	TT
	bis(2-Chloroethyl)Ether	10	_
	2-Chlorophenol	10	
	1,3-Dichlorobenzene	10	-
	1,4-Dichlorobenzene	10	-
	1,2-Dichlorobenzene	10	
95-48-7	2-Methylphenol	10	! -
	2,2'-oxybis(1-Chloropropane)	10	-
	4-Methylphenol	10	1 -
	N-Nitroso-di-n-propylamine	10	_
	Hexachloroethane	10	_
	Nitrobenzene	10	1
	Isophorone	10	
98-75-5	2-Nitrophenol	10	
	2,4-Dimethylphenol	10	ì
120-83-2	2,4-Dimethylphenol	10	ļ
120-83-2	1,2,4-Trichlorobenzene	10	ŧ
	Naphthalene	10	I -
	4-Chloroaniline	10	l -
	Hexachlorobutadiene	10	-
	bis(2-Chloroethoxy)methane	10	-
59-50-7	4-Chloro-3-Methylphenol	10	
	2-Methylnaphthalene	10	1
	Hexachlorocyclopentadiene	10	1 -
	2,4,6-Trichlorophenol	10	1
	2,4,5-Trichlorophenol	20	1 -
91-59-7	2-Chloronaphthalene	10	1
	2-Nitroaniline	20	1
	Dimethylphthalate	10	· ·
	Acenaphthylene	10	1 -
606-20-2	2,6-Dinitrotoluene	10	-
	3-Nitroaniline	20	1 -
	Acenaphthene	10	IJ
05-52-9	Accuapitotietie	10	٦
		I	l

SMS-MW-11

Q

10 U

10 U

10 U

10 U

10 U

10 U

10 U

10 U

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8161

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

COMPOUND

GPC Cleanup: (Y/N) N pH: ___

CAS NO.

51-28-5	2,4-Dinitrophenol	20 U	
100-02-7	4-Nitrophenol	20 0	
132-64-9	Dibenzofuran	10 U	
121-14-2	2,4-Dinitrotoluene	10 U	
84-66-2	Diethylphthalate	10 U	
7005-72-3	4-Chlorophenyl-phenylether	10 U	
86-73-7	Fluorene	10 U	
	4-Nitroaniline	20 U	
534-52-1	4,6-Dinitro-2-methylphenol	20 U	
	N-Nitrosodiphenylamine (1)	10 U	
101-55-3	4-Bromophenyl-phenylether	10 U	
	Hexachlorobenzene	10 U	
87-86-5	Pentachlorophenol	20 U	
	Phenanthrene	10 U	
	Anthracene	10 U	
86-74-8		10 U	
	Di-n-butylphthalate	10 U	
	Fluoranthene	10 U	
129-00-0		10 U	
85-68-7	Butylbenzylphthalate	10 U	
91-94-1	3,3'-Dichlorobenzidine	10 U	
	Benzo (a) anthracene	10 U	
218-01-9	Chrysene	10 U	

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

(i) - Cannot be separated from Diphenylamine

191-24-2----Benzo(g,h,i)perylene

117-84-0-----Di-n-octylphthalate

205-99-2----Benzo (b) fluoranthene

50-32-8-----Benzo (a) pyrene

207-08-9-----Benzo(k) fluoranthene

193-39-5----Indeno (1, 2, 3-cd) pyrene

53-70-3-----Dibenzo (a, h) anthracene

117-81-7----bis(2-Ethylhexyl)phthalate

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-11
CORPORATION Contract:

Lab Name: MITKEM CORPORATION Co

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8161

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

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

SMS-MW-12

0

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8160

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: decanted: (Y/N) Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO. COMPOUND

108-95-2----Phenol 10 U 111-44-4----bis(2-Chloroethyl)Ether 10 U 95-57-8----2-Chlorophenol 10 U 541-73-1-----1,3-Dichlorobenzene 10 U 106-46-7----1,4-Dichlorobenzene 10 U 95-50-1----1,2-Dichlorobenzene____ 10 U 95-48-7----2-Methylphenol 10 U 108-60-1----2,2'-oxybis(1-Chloropropane) 10 U 106-44-5----4-Methylphenol 10 U 621-64-7----N-Nitroso-di-n-propylamine 10 U 67-72-1-----Hexachloroethane 10 U 98-95-3-----Nitrobenzene 10 U 78-59-1----Isophorone 10 U 10 U 88-75-5----2-Nitrophenol 105-67-9----2,4-Dimethylphenol 10 U 120-83-2----2,4-Dichlorophenol 10 U 120-82-1----1,2,4-Trichlorobenzene 10 U 91-20-3----Naphthalene 10 U 106-47-8-----4-Chloroaniline 10 U 87-68-3-----Hexachlorobutadiene 10 U 111-91-1-----bis (2-Chloroethoxy) methane 10 U 59-50-7----4-Chloro-3-Methylphenol 10 U 91-57-6----2-Methylnaphthalene 10 U 77-47-4-----Hexachlorocyclopentadiene 10 U

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

88-06-2----2,4,6-Trichlorophenol

91-58-7----2-Chloronaphthalene

88-74-4----2-Nitroaniline

131-11-3-----Dimethylphthalate

208-96-8-----Acenaphthylene 606-20-2-----2,6-Dinitrotoluene

99-09-2----3-Nitroaniline

83-32-9-----Acenaphthene

95-95-4----2,4,5-Trichlorophenol____

10 U

20 U

10 U

20 U

10 U

10 U

20 U

10 U

SMS-MW-12

Lab Name: MITKEM CORPORATION Contract:

GPC Cleanup: (Y/N) N pH: ___

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-05B

Sample wt/vol: 1000 (q/mL) ML Lab File ID: S3D8160

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

			I
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	דו
132-64-9	Dibenzofuran	10	U
	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	
7005-72-3	4-Chlorophenyl-phenylether	10	{
86-73-7	Fluorene	10	U
	4-Nitroaniline	20	Ū
	4,6-Dinitro-2-methylphenol	20	l .
86-30-6	N-Nitrosodiphenylamine (1)	10	1
	4-Bromophenyl-phenylether	10	1
	Hexachlorobenzene	10	i i
	Pentachlorophenol	20	i
	Phenanthrene	10	Ū
	Anthracene	10	1
86-74-8		10	U
	Di-n-butylphthalate	10	Ū
	Fluoranthene	10	1
129-00-0		10	1
	Butylbenzylphthalate	10	1
91-94-1	3,3'-Dichlorobenzidine	10	í
56-55-3	Benzo(a) anthracene	10	l .
218-01-9		10	I
117-81-7	bis(2-Ethylhexyl)phthalate	1	
	Di-n-octylphthalate	10	I .
	Benzo(b) fluoranthene	10	i .
	Benzo(k) fluoranthene	10	1 -
	Benzo (a) pyrene	10	-
193-39-5	Indeno (1, 2, 3-cd) pyrene	10	1 -
53-70-3	Dibenzo(a,h)anthracene	10	l
	Benzo(q,h,i)perylene	10	-
	generated from Diphonylamine		

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-12

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

LOW

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-05B

Sample wt/vol:

1000 (g/mL) ML

Lab File ID: S3D8160

Level: (low/med)

Date Received: 09/14/06

% Moisture: _____ decanted: (Y/N)___

Date Extracted: 09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS: Number TICs found: 0 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$				
2		_		
3.				
4. 5.		-		
6.				
7				
8.				
9.				
10.				
11.				
<u> </u>			***************************************	
1 10.				
1 10.				
10.				
· · · · · · · · · · · · · · · · · · ·				
18.			***************************************	
22.				
23.				
1 24.				
25.				***************************************
26.				
1 41.				
40.				
29.		-		
30.				

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW-13

Lab Name: MITKEM CORPORATION Contract:

GPC Cleanup: (Y/N) N pH:

SAS No.: SDG No.: ME1400 Lab Code: MITKEM Case No.:

Lab Sample ID: E1400-01B Matrix: (soil/water) WATER

Lab File ID: S3D8154 Sample wt/vol: 1000 (g/mL) ML

Date Received: 09/14/06 Level: (low/med) LOW

% Moisture: ____ decanted: (Y/N)___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Dilution Factor: 1.0 Injection Volume: 1.0(uL)

CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

	(49/11 01 49/	J ,,	χ.
100 05 0	Dhonol	10	TT
108-95-2		10	1 -
	bis(2-Chloroethyl)Ether	1	1
95-5/-8	2-Chlorophenol	10	1
541-73-1	1,3-Dichlorobenzene	10	I I
	1,4-Dichlorobenzene	10	l I
	1,2-Dichlorobenzene	10	1
	2-Methylphenol	10	1
108-60-1	2,2'-oxybis(1-Chloropropane)	10	1
106-44-5	4-Methylphenol	10	1
621-64-7	N-Nitroso-di-n-propylamine_	10	1
	Hexachloroethane	10	1
	Nitrobenzene	10	
78-59-1	Isophorone	10	
88-75-5	2-Nitrophenol	10	1
	2,4-Dimethylphenol	10	U
	2,4-Dichlorophenol	10	1
120-82-1	1,2,4-Trichlorobenzene	10	U
	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
	2,4,6-Trichlorophenol	10	U
	2,4,5-Trichlorophenol	20	U
	2-Chloronaphthalene	10	U
	2-Nitroaniline	20	(
	Dimethylphthalate	10	i .
	Acenaphthylene	10	f .
606-20-2	2,6-Dinitrotoluene	10	1
	3-Nitroaniline	20	1
	Acenaphthene	10	
			l

SMS-MW-13

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8154

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: decanted: (Y/N) Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

51-28-52,4-Dinitrophenol	20	U
100-02-74-Nitrophenol	20	U
132-64-9Dibenzofuran	10	
121-14-22,4-Dinitrotoluene	10	Ū
84-66-2Diethylphthalate	10	_
7005-72-34-Chlorophenyl-phenylether	10	
86-73-7Fluorene	10	IJ
100-01-64-Nitroaniline	20	-
534-52-14,6-Dinitro-2-methylphenol	20	Ū
86-30-6Nitrosodiphenylamine (1)	10	1
101-55-34-Bromophenyl-phenylether	10	
118-74-1Hexachlorobenzene	10	
87-86-5Pentachlorophenol	20	_
85-01-8Phenanthrene	10	IJ
120-12-7Anthracene	10	Ū
86-74-8Carbazole	10	
84-74-2Di-n-butylphthalate	10	i
206-44-0Fluoranthene	10	Ū
129-00-0Pyrene	10	Ū
85-68-7Butylbenzylphthalate	10	Ū
91-94-13,3'-Dichlorobenzidine	10	U
56-55-3Benzo (a) anthracene	10	!
218-01-9Chrysene	10	Ū
117-81-7bis(2-Ethylhexyl)phthalate	10	U
117-84-0Di-n-octylphthalate	10	Ū
205-99-2Benzo (b) fluoranthene	10	1 -
207-08-9Benzo (k) fluoranthene	10	1
50-32-8Benzo (a) pyrene	10	1 -
193-39-5Indeno(1,2,3-cd)pyrene	10	1 -
53-70-3Dibenzo(a,h)anthracene	10	_
191-24-2Benzo(g,h,i)perylene	10	-

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-13

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-01B

Sample wt/vol:

LOW

Lab File ID: S3D8154

Level: (low/med)

1000 (g/mL) ML

Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N)___

Date Extracted: 09/18/06

Concentrated Extract Volume: 1000(uL)

Injection Volume: 1.0(uL)

Date Analyzed: 09/26/06 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 78-40-0 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.				

SMS-MW-14

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8179

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N)___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q

108-95-2Phenol 10 U 111-44-4bis (2-Chloroethyl) Ether 10 U 95-57-82-Chlorophenol 10 U 541-73-11, 3-Dichlorobenzene 10 U 106-46-71, 4-Dichlorobenzene 10 U 95-50-11, 2-Dichlorobenzene 10 U 95-48-72-Methylphenol 10 U 108-60-12, 2'-oxybis (1-Chloropropane) 10 U 106-44-54-Methylphenol 10 U 621-64-7N-Nitroso-di-n-propylamine 10 U 67-72-1Hexachloroethane 10 U 98-95-3Nitrobenzene 10 U 78-59-1		(ug/II of ug/kg/ c	, c, Q
111-44-4	108-95-2	Phenol	10 [1]
95-57-82-Chlorophenol 10 U 541-73-11,3-Dichlorobenzene 10 U 106-46-71,4-Dichlorobenzene 10 U 95-50-11,2-Dichlorobenzene 10 U 95-48-72-Methylphenol 10 U 108-60-12,2'-oxybis(1-Chloropropane) 10 U 106-44-54-Methylphenol 10 U 621-64-7N-Nitroso-di-n-propylamine 10 U 67-72-1Hexachloroethane 10 U 98-95-3Nitrobenzene 10 U 88-75-52-Nitrophenol 10 U 105-67-92,4-Dimethylphenol 10 U 120-83-22,4-Dimethylphenol 10 U 120-83-22,4-Dimethylphenol 10 U 120-83-21,2,4-Trichlorobenzene 10 U 91-20-3Naphthalene 10 U 106-47-84-Chloroaniline 10 U 111-91-1bis(2-Chloroethoxy)methane 10 U 91-57-62-Methylnaphthalene 10 U 91-57-62-Methylnaphthalene 10 U 91-57-62-Methylnaphthalene 10 U 91-58-72-(A-Trichlorophenol 10 U 91-58-72-(A-Trichlorophenol 10 U 91-58-72-Methylnaphthalene 10 U 91-58-72-Chloroaphthalene 10 U 91-58-72-Nitroaniline 20 U 91-58-72-Chloronaphthalene 10 U 91-58-72-Chloronaphthalene 10 U 91-58-72-Chloronaphthalene 10 U 91-58-72-Chloronaphthalene 10 U 91-58-72-Chloronaphthalene 10 U 91-58-72-Chloronaphthalene 10 U 91-58-72-Chloronaphthalene 10 U 91-58-72-Chloronaphthalene 10 U 91-58-72-Chloronaphthalene 10 U 91-58-7			
541-73-11,3-Dichlorobenzene 10 U 106-46-71,4-Dichlorobenzene 10 U 95-50-11,2-Dichlorobenzene 10 U 95-48-72-Methylphenol 10 U 108-60-12,2'-oxybis (1-Chloropropane) 10 U 106-44-54-Methylphenol 10 U 621-64-7N-Nitroso-di-n-propylamine 10 U 67-72-1Hexachloroethane 10 U 98-95-3Nitrobenzene 10 U 78-59-1Isophorone 10 U 88-75-5			
106-46-71, 4-Dichlorobenzene 10 U 95-50-11, 2-Dichlorobenzene 10 U 95-48-72-Methylphenol 10 U 108-60-12, 2'-oxybis (1-Chloropropane) 10 U 106-44-54-Methylphenol 10 U 621-64-7N-Nitroso-di-n-propylamine 10 U 67-72-1Hexachloroethane 10 U 98-95-3Nitrobenzene 10 U 78-59-1Isophorone 10 U 88-75-52-Nitrophenol 10 U 105-67-92, 4-Dimethylphenol 10 U 120-83-22, 4-Dichlorophenol 10 U 120-83-21, 2, 4-Trichlorophenol 10 U 120-85-3	541-73-1	1.3-Dichlorobenzene	i '
95-50-1	106-46-7	1.4-Dichlorobenzene	
95-48-72-Methylphenol 10 U 108-60-12,2'-oxybis (1-Chloropropane) 10 U 106-44-54-Methylphenol 10 U 621-64-7Nitroso-di-n-propylamine 10 U 98-95-3Nitrobenzene 10 U 78-59-1Isophorone 10 U 105-67-92,4-Dichlorophenol 10 U 120-83-22,4-Dichlorophenol 10 U 120-82-11,2,4-Trichlorobenzene 10 U 91-20-3Naphthalene 10 U 106-47-84-Chloroaniline 10 U 111-91-1bis (2-Chloroethoxy) methane 10 U 111-91-1bis (2-Chloroethoxy) methane 10 U 91-57-62-Methylphenol 10 U 95-95-42,4,6-Trichlorophenol 20 U 95-95-42,4,5-Trichlorophenol 20 U 91-58-72-Chloronaphthalene 10 U 91-58-7	95-50-1	1.2-Dichlorobenzene	ı
108-60-12,2'-oxybis (1-Chloropropane) 10 U 106-44-54-Methylphenol 10 U 621-64-7N-Nitroso-di-n-propylamine 10 U 67-72-1Hexachloroethane 10 U 98-95-3Nitrobenzene 10 U 78-59-1			
106-44-54-Methylphenol 10 U 621-64-7Nitroso-di-n-propylamine 10 U 67-72-1Hexachloroethane 10 U 98-95-3Nitrobenzene 10 U 78-59-1Isophorone 10 U 88-75-52-Nitrophenol 10 U 105-67-92,4-Dimethylphenol 10 U 120-83-22,4-Dichlorophenol 10 U 120-82-11,2,4-Trichlorobenzene 10 U 91-20-3Naphthalene 10 U 106-47-8Naphthalene 10 U 107-68-3	108-60-1	2 2'-oxybis(1-Chloropropage)	1
621-64-7Nitroso-di-n-propylamine 10 U 67-72-1Hexachloroethane 10 U 98-95-3Nitrobenzene 10 U 78-59-1Isophorone 10 U 88-75-52-Nitrophenol 10 U 105-67-92,4-Dimethylphenol 10 U 120-83-22,4-Dichlorophenol 10 U 120-82-11,2,4-Trichlorobenzene 10 U 91-20-3Naphthalene 10 U 106-47-8	106-44-5	4-Methylphenol	
67-72-1	621-64-7	N-Nitroso-di-n-propylamine	1
98-95-3Nitrobenzene 10 U 78-59-1Isophorone 10 U 88-75-52-Nitrophenol 10 U 105-67-92,4-Dimethylphenol 10 U 120-83-22,4-Dichlorophenol 10 U 120-82-11,2,4-Trichlorobenzene 10 U 91-20-3Naphthalene 10 U 106-47-8	67-72-1	Hexachloroethane	
78-59-1			
88-75-52-Nitrophenol 10 U 105-67-92,4-Dimethylphenol 10 U 120-83-22,4-Dichlorophenol 10 U 120-82-11,2,4-Trichlorobenzene 10 U 91-20-3Naphthalene 10 U 106-47-8A-Chloroaniline 10 U 87-68-3			
105-67-92,4-Dimethylphenol 10 U 120-83-22,4-Dichlorophenol 10 U 120-82-11,2,4-Trichlorobenzene 10 U 91-20-3Naphthalene 10 U 106-47-8Naphthalene 10 U 106-47-8	88-75-5	2-Nitrophenol	1
120-83-22,4-Dichlorophenol 10 120-82-11,2,4-Trichlorobenzene 10 91-20-3Naphthalene 10 106-47-84-Chloroaniline 10 87-68-3Hexachlorobutadiene 10 111-91-1bis(2-Chloroethoxy)methane 10 59-50-74-Chloro-3-Methylphenol 10 91-57-62-Methylnaphthalene 10 77-47-4Hexachlorocyclopentadiene 10 88-06-22,4,6-Trichlorophenol 10 95-95-42,4,5-Trichlorophenol 20 91-58-72-Chloronaphthalene 10 131-11-3Dimethylphthalate 10 131-11-3Acenaphthylene 10 606-20-23-Nitroaniline 10	105-67-9	2.4-Dimethylphenol	
120-82-11,2,4-Trichlorobenzene 10 U 91-20-3Naphthalene 10 U 106-47-84-Chloroaniline 10 U 87-68-3Hexachlorobutadiene 10 U 111-91-1bis(2-Chloroethoxy)methane 10 U 59-50-74-Chloro-3-Methylphenol 10 U 91-57-62-Methylnaphthalene 10 U 77-47-4Hexachlorocyclopentadiene 10 U 88-06-22,4,6-Trichlorophenol 20 U 95-95-42,4,5-Trichlorophenol 20 U 91-58-72-Chloronaphthalene 10 U 88-74-42-Nitroaniline 20 U 131-11-3Dimethylphthalate 10 U 208-96-8Acenaphthylene 10 U 606-20-23-Nitroaniline 10 U	120-83-2	2.4-Dichlorophenol	
91-20-3Naphthalene 10 U 106-47-84-Chloroaniline 10 U 87-68-3Hexachlorobutadiene 10 U 111-91-1bis (2-Chloroethoxy) methane 10 U 59-50-74-Chloro-3-Methylphenol 10 U 91-57-62-Methylnaphthalene 10 U 77-47-4Hexachlorocyclopentadiene 10 U 88-06-22,4,6-Trichlorophenol 20 U 95-95-42,4,5-Trichlorophenol 20 U 91-58-72-Chloronaphthalene 10 U 88-74-42-Nitroaniline 20 U 131-11-3Dimethylphthalate 10 U 208-96-8Acenaphthylene 10 U 606-20-23-Nitroaniline 20 U			1
106-47-84-Chloroaniline 10 U 87-68-3Hexachlorobutadiene 10 U 111-91-1bis (2-Chloroethoxy) methane 10 U 59-50-74-Chloro-3-Methylphenol 10 U 91-57-62-Methylnaphthalene 10 U 77-47-4Hexachlorocyclopentadiene 10 U 88-06-22,4,6-Trichlorophenol 20 U 95-95-42,4,5-Trichlorophenol 20 U 91-58-72-Chloronaphthalene 10 U 88-74-42-Nitroaniline 20 U 131-11-3Dimethylphthalate 10 U 208-96-8Acenaphthylene 10 U 606-20-23-Nitroaniline 20 U			1
87-68-3	106-47-8	4-Chloroaniline	10 U
111-91-1bis (2-Chloroethoxy) methane 10 U 59-50-74-Chloro-3-Methylphenol 10 U 91-57-62-Methylnaphthalene 10 U 77-47-4Hexachlorocyclopentadiene 10 U 88-06-22,4,6-Trichlorophenol 10 U 95-95-42,4,5-Trichlorophenol 20 U 91-58-72-Chloronaphthalene 10 U 88-74-42-Nitroaniline 20 U 131-11-3Dimethylphthalate 10 U 208-96-8Acenaphthylene 10 U 606-20-23-Nitroaniline 20 U			1
59-50-74-Chloro-3-Methylphenol 10 U 91-57-62-Methylnaphthalene 10 U 77-47-4Hexachlorocyclopentadiene 10 U 88-06-22,4,6-Trichlorophenol 10 U 95-95-42,4,5-Trichlorophenol 20 U 91-58-72-Chloronaphthalene 10 U 88-74-4Dimethylphthalate 20 U 131-11-3Dimethylphthalate 10 U 208-96-8Acenaphthylene 10 U 606-20-23-Nitroaniline 20 U			
91-57-62-Methylnaphthalene 10 U 77-47-4Hexachlorocyclopentadiene 10 U 88-06-22,4,6-Trichlorophenol 10 U 95-95-42,4,5-Trichlorophenol 20 U 91-58-72-Chloronaphthalene 10 U 88-74-42-Nitroaniline 20 U 131-11-3Dimethylphthalate 10 U 208-96-8Acenaphthylene 10 U 606-20-23-Nitroaniline 20 U			1
77-47-4Hexachlorocyclopentadiene 10 U 88-06-22,4,6-Trichlorophenol 10 U 95-95-42,4,5-Trichlorophenol 20 U 91-58-72-Chloronaphthalene 10 U 88-74-42-Nitroaniline 20 U 131-11-3Dimethylphthalate 10 U 208-96-8Acenaphthylene 10 U 606-20-22,6-Dinitrotoluene 10 U 99-09-23-Nitroaniline 20 U			1
88-06-22,4,6-Trichlorophenol 10 U 95-95-42,4,5-Trichlorophenol 20 U 91-58-72-Chloronaphthalene 10 U 88-74-42-Nitroaniline 20 U 131-11-3Dimethylphthalate 10 U 208-96-8Acenaphthylene 10 U 606-20-22,6-Dinitrotoluene 10 U 99-09-23-Nitroaniline 20 U	77-47-4	Hexachlorocyclopentadiene	,
95-95-42,4,5-Trichlorophenol 20 U 91-58-72-Chloronaphthalene 10 U 88-74-42-Nitroaniline 20 U 131-11-3Dimethylphthalate 10 U 208-96-8Acenaphthylene 10 U 606-20-22,6-Dinitrotoluene 10 U 99-09-23-Nitroaniline 20 U	88-06-2	2,4,6-Trichlorophenol	i
91-58-72-Chloronaphthalene 10 U 88-74-42-Nitroaniline 20 U 131-11-3Dimethylphthalate 10 U 208-96-8Acenaphthylene 10 U 606-20-22,6-Dinitrotoluene 10 U 99-09-23-Nitroaniline 20 U			20 U
88-74-42-Nitroaniline 20 U 131-11-3Dimethylphthalate 10 U 208-96-8Acenaphthylene 10 U 606-20-22,6-Dinitrotoluene 10 U 99-09-23-Nitroaniline 20 U	91-58-7	2-Chloronaphthalene	10 U
131-11-3Dimethylphthalate 10 U 208-96-8Acenaphthylene 10 U 606-20-22,6-Dinitrotoluene 10 U 99-09-23-Nitroaniline 20 U			1
208-96-8Acenaphthylene 10 U 606-20-22,6-Dinitrotoluene 10 U 99-09-23-Nitroaniline 20 U			;
606-20-22,6-Dinitrotoluene 10 U 99-09-23-Nitroaniline 20 U	208-96-8	Acenaphthylene	10 U
99-09-23-Nitroaniline 20 U	606-20-2	2,6-Dinitrotoluene	!
			i i

SMS-MW-14

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-07B

Sample wt/vol: 1000 (q/mL) ML Lab File ID: S3D8179

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: _____ decanted: (Y/N)___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

51-28-52,4-Dinitrophenol	20	тт
100-02-74-Nitrophenol		
132-64-9Dibenzofuran	10	-
121-14-22,4-Dinitrotoluene	10	-
		-
84-66-2Diethylphthalate	10	
7005-72-34-Chlorophenyl-phenylether	10	1 -
86-73-7Fluorene		1
100-01-64-Nitroaniline	20	1
534-52-14,6-Dinitro-2-methylphenol		-
86-30-6N-Nitrosodiphenylamine_(1)		_
101-55-34-Bromophenyl-phenylether	10	Ū
118-74-1Hexachlorobenzene	10	
87-86-5Pentachlorophenol	20	U ·
85-01-8Phenanthrene	10	U
120-12-7Anthracene	10	U
86-74-8Carbazole	10	U
84-74-2Di-n-butylphthalate	10	U
206-44-0Fluoranthene	10	U
129-00-0Pyrene	10	Ū
85-68-7Butylbenzylphthalate	10	l .
91-94-13,3'-Dichlorobenzidine	10	1 -
56-55-3Benzo (a) anthracene		-
218-01-9Chrysene		Í
117-81-7bis(2-Ethylhexyl)phthalate	i	J
117-84-0Di-n-octylphthalate	10	
205-99-2Benzo (b) fluoranthene	10	
		-
207-08-9Benzo(k) fluoranthene		-
50-32-8Benzo (a) pyrene		
193-39-5Indeno (1, 2, 3-cd) pyrene	10	-
53-70-3Dibenzo(a,h)anthracene	10	
191-24-2Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-14

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-07B

Sample wt/vol:

1000 (g/mL) ML

Lab File ID: S3D8179

Level: (low/med)

LOW

Date Received: 09/14/06

% Moisture: _____ decanted: (Y/N)___

Date Extracted: 09/18/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/27/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
			AND AND VALUE AND AND AND MADE HAVE LIVER HAVE BOOK HAVE AND AND AND AND AND AND AND AND AND AND	
1		***************************************	***************************************	
3				
4.				
5.				
6.				***************************************
, .				
0.				
9.				
10.				
11.				
12.				
1				
1 17.				
1 13.				
1 16.				
1 1/.				
, 20.				
21.				
22.			***************************************	
23.				
24.				
25				
27.				
28.				
29.				
30.			***************************************	

SMS-MW13D

Lab Name: MITKEM CORPORATION Contract:

GPC Cleanup: (Y/N) N pH: ___

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8155

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N)___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

injection volume.

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L (

CAS NO.	COMPOUND (ug/ L	or ug/kg/ ug/h	Q
108-95-2	Phenol		10 U
	bis(2-Chloroethyl)Ether	r	10 U
	2-Chlorophenol		10 U
	1,3-Dichlorobenzene		10 U
	1,4-Dichlorobenzene		10 U
	1,2-Dichlorobenzene		10 U
	2-Methylphenol		10 U
	2,2'-oxybis(1-Chloropro	opane)	10 U
106-44-5	4-Methylphenol		10 U
621-64-7	N-Nitroso-di-n-propylar	nine	10 U
67-72-1	Hexachloroethane	Make all de de la companya de la com	10 U
	Nitrobenzene		10 U
	Isophorone	·	10 U
	2-Nitrophenol		10 U
	2,4-Dimethylphenol		10 U
	2,4-Dichlorophenol		10 U
	1,2,4-Trichlorobenzene		10 U
	Naphthalene	Annual data da analisa	10 U
	4-Chloroaniline		10 U
87-68-3	Hexachlorobutadiene		10 U
111-91-1	bis(2-Chloroethoxy)meth	nane	10 U
	4-Chloro-3-Methylpheno	1	10 U
91-57-6	2-Methylnaphthalene		10 U
77-47-4	Hexachlorocyclopentadie	ene	10 U
88-06-2	2,4,6-Trichlorophenol		10 U
	2,4,5-Trichlorophenol		20 U
	2-Chloronaphthalene		10 U
	2-Nitroaniline		20 U
	Dimethylphthalate		10 U
	Acenaphthylene		10 ប
	2,6-Dinitrotoluene		10 U
	3-Nitroaniline		20 U
83-32-9	Acenaphthene		10 U

SMS-MW13D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8155

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

51-28-5	2,4-Dinitrophenol	20	U
	4-Nitrophenol	20	1
	Dibenzofuran	10	1
	2,4-Dinitrotoluene	10	1
84-66-2	Diethylphthalate	10	l .
7005-72-3	4-Chlorophenyl-phenylether	10	l .
86-73-7	Fluorene	10	1
100-01-6	4-Nitroaniline	20	i .
534-52-1	4,6-Dinitro-2-methylphenol	20	
86-30-6	N-Nitrosodiphenylamine (1)	10	1
101-55-3	4-Bromophenyl-phenylether	10	•
	Hexachlorobenzene	10	l .
	Pentachlorophenol	20	
	Phenanthrene	10	1
	Anthracene	10	
86-74-8		10	1
84-74-2	Di-n-butylphthalate	10	
206-44-0	Fluoranthene	10	1
129-00-0		10	
	Butylbenzylphthalate	10	שו
91-94-1	3,3'-Dichlorobenzidine	10	1
	Benzo (a) anthracene	10	U
218-01-9		10	1
	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	1
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k) fluoranthene	10	Į
	Benzo (a) pyrene	10	f .
193-39-5	Indeno (1, 2, 3-cd) pyrene	10	į.
53-70-3	Dibenzo (a, h) anthracene	10	1
191-24-2	Benzo(g,h,i)perylene	10	U
Cannot bo	generated from Diphenulamine		

(i) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW13D	

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-02B

Sample wt/vol:

1000 (g/mL) ML

Lab File ID: S3D8155

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N)___

Date Extracted:09/18/06

Number TICs found: 0

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				STREET STREET STREET STREET STREET
2				
** •				
5. 6.				
7.				
9				
11.				
12. 13.				
14. 15.				
16.				
17.				***************************************
1 19.				***************************************
21.				
22				
24. 25.				
20.				
28.				
29.				

1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW16D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8156

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

108-95-2Phenol 10 U 111-44-4bis(2-Chloroethyl)Ether 10 U 95-57-82-Chlorophenol 10 U 541-73-11,3-Dichlorobenzene 10 U 106-46-71,4-Dichlorobenzene 10 U 95-50-11,2-Dichlorobenzene 10 U 95-48-72-Methylphenol 10 U	
111-44-4bis(2-Chloroethyl) Ether 10 U 95-57-82-Chlorophenol 10 U 541-73-11,3-Dichlorobenzene 10 U 106-46-71,4-Dichlorobenzene 10 U 95-50-11,2-Dichlorobenzene 10 U 95-48-72-Methylphenol 10 U	
95-57-82-Chlorophenol 10 U 541-73-11,3-Dichlorobenzene 10 U 106-46-71,4-Dichlorobenzene 10 U 95-50-11,2-Dichlorobenzene 10 U 95-48-72-Methylphenol 10 U	
541-73-11,3-Dichlorobenzene 10 U 106-46-71,4-Dichlorobenzene 10 U 95-50-11,2-Dichlorobenzene 10 U 95-48-72-Methylphenol 10 U	
106-46-71,4-Dichlorobenzene 10 U 95-50-11,2-Dichlorobenzene 10 U 95-48-72-Methylphenol 10 U	r
95-50-11,2-Dichlorobenzene 10 U 95-48-72-Methylphenol 10 U	r
95-48-72-Methylphenol 10 U	1
4 4	' I
108-60-12,2'-oxybis(1-Chloropropane)	
106-44-54-Methylphenol 10 U	
621-64-7Nitroso-di-n-propylamine 10 U	
67-72-1Hexachloroethane	- 1
98-95-3Nitrobenzene 10 U	i
78-59-1Isophorone 10 U	1
88-75-52-Nitrophenol 10 U	1
105-67-92,4-Dimethylphenol 10 U	ſ
120-83-22,4-Dichlorophenol 10 U	ŗ
120-82-11,2,4-Trichlorobenzene 10 U	ſ
91-20-3Naphthalene 10 U	ſ
106-47-84-Chloroaniline 10 U	ſ
87-68-3Hexachlorobutadiene 10 U	ſ
111-91-1bis(2-Chloroethoxy) methane 10 U	ſ
59-50-74-Chloro-3-Methylphenol 10 U	Г
91-57-62-Methylnaphthalene 10 U	Г
77-47-4Hexachlorocyclopentadiene 10 U	Г
88-06-22,4,6-Trichlorophenol 10 U	ſ
95-95-42,4,5-Trichlorophenol 20 U	ſ
91-58-72-Chloronaphthalene 10 U	ſ
88-74-42-Nitroaniline 20 U	ſ
131-11-3Dimethylphthalate 10 U	í
208-96-8Acenaphthylene 10 U	
606-20-22,6-Dinitrotoluene 10 U	í l
99-09-23-Nitroaniline 20 U	í
83-32-9Acenaphthene 10 U	í þ

SMS-MW16D

Q

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-03B

Sample wt/vol: 1000 (q/mL) ML Lab File ID: S3D8156

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

20 U 51-28-5----2,4-Dinitrophenol 100-02-7----4-Nitrophenol 20 U 132-64-9-----Dibenzofuran 10 U 121-14-2----2,4-Dinitrotoluene 10 U 84-66-2-----Diethylphthalate 10 U 7005-72-3----4-Chlorophenyl-phenylether 10 U 86-73-7-----Fluorene 10 U 20 U 100-01-6----4-Nitroaniline 534-52-1----4,6-Dinitro-2-methylphenol 20 U 86-30-6----N-Nitrosodiphenylamine_(1)__ 10 U 10 U 101-55-3----4-Bromophenyl-phenylether 10 U 118-74-1-----Hexachlorobenzene 20 U 87-86-5----Pentachlorophenol 10 U 85-01-8-----Phenanthrene 10 U 120-12-7-----Anthracene 10 U 86-74-8-----Carbazole 84-74-2----Di-n-butylphthalate 10 U 10 U 206-44-0-----Fluoranthene 129-00-0-----Pyrene 10 U 10 U 85-68-7-----Butylbenzylphthalate 91-94-1----3,3'-Dichlorobenzidine 10 U 10 U 56-55-3-----Benzo (a) anthracene 10 U 218-01-9-----Chrysene 117-81-7-----bis(2-Ethylhexyl)phthalate 10 U 117-84-0-----Di-n-octylphthalate 10 U 205-99-2----Benzo (b) fluoranthene 10 U 207-08-9-----Benzo(k) fluoranthene 10 U 10 U 50-32-8-----Benzo(a)pyrene 10 U 193-39-5----Indeno (1, 2, 3-cd) pyrene 53-70-3-----Dibenzo (a, h) anthracene 10 U 10 U 191-24-2----Benzo(q,h,i)perylene

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW16D

Lab Nam	e:	MITKEM	CORPORA'	TION
---------	----	--------	----------	------

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-03B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3D8156

Level: (low/med) LOW

Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N)___

Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
1.				
1				
3				
1 4.				
1 3.				
1 0.				
/ -				
0.				
9.				
10.				
1 44.				
1 44.				
1				
14.				
1 13.				
16.				
l 1/•				
1 18.				
1 1				
1 40.				
41.				
44.				
23.				
1 24.				
25.				
1 20.				
24 / •			-	
20.				
43.				
30.				ļ
		l		I

SMS-MW16DMS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-03BMS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8157

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q

108-95-2Phenol	14
111-44-4bis(2-Chloroethyl)	
95-57-82-Chlorophenol	38
541-73-11,3-Dichlorobenzer	
106-46-71,4-Dichlorobenzer	
95-50-11,2-Dichlorobenzer	
95-48-72-Methylphenol	26
108-60-12,2'-oxybis(1-Chlc	
106-44-54-Methylphenol	25
621-64-7N-Nitroso-di-n-pro	
67-72-1Hexachloroethane	37
98-95-3Nitrobenzene	41
78-59-1Isophorone	44
88-75-52-Nitrophenol	44
105-67-92,4-Dimethylphenol	6 J
120-83-22,4-Dichlorophenol	
120-82-11,2,4-Trichlorober	
91-20-3Naphthalene	42
106-47-84-Chloroaniline	34
87-68-3Hexachlorobutadier	ne 43
111-91-1bis(2-Chloroethox)	n) methane 41
59-50-74-Chloro-3-Methylp	phenol 39
91-57-62-Methylnaphthaler	
77-47-4Hexachlorocycloper	
88-06-22,4,6-Trichlorophe	
95-95-42,4,5-Trichlorophe	
91-58-72-Chloronaphthaler	
88-74-42-Nitroaniline	42
131-11-3Dimethylphthalate	47
208-96-8Acenaphthylene	47
606-20-22,6-Dinitrotoluene	
99-09-23-Nitroaniline	42
83-32-9Acenaphthene	45

SMS-MW16DMS

Q

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-03BMS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8157

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: decanted: (Y/N) Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

COMPOUND

GPC Cleanup: (Y/N) N pH:

CAS NO.

51-28-5----2,4-Dinitrophenol 25 100-02-7----4-Nitrophenol 16 J 132-64-9-----Dibenzofuran 48 121-14-2----2,4-Dinitrotoluene 47 84-66-2-----Diethylphthalate 50 7005-72-3----4-Chlorophenyl-phenylether 45 86-73-7-----Fluorene 46 100-01-6----4-Nitroaniline 41 534-52-1----4,6-Dinitro-2-methylphenol 39 86-30-6----N-Nitrosodiphenylamine (1) 54 101-55-3----4-Bromophenyl-phenylether 48 118-74-1-----Hexachlorobenzene 48 87-86-5-----Pentachlorophenol 39 85-01-8-----Phenanthrene 50 120-12-7-----Anthracene 50 48 86-74-8-----Carbazole 84-74-2-----Di-n-butylphthalate 55 206-44-0-----Fluoranthene 51 50 129-00-0----Pyrene 47 85-68-7-----Butylbenzylphthalate 91-94-1----3,3'-Dichlorobenzidine 34 56-55-3-----Benzo (a) anthracene 51 218-01-9-----Chrysene 50 117-81-7-----bis(2-Ethylhexyl)phthalate 48

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

(i) - Cannot be separated from Diphenylamine

117-84-0-----Di-n-octylphthalate

205-99-2----Benzo (b) fluoranthene

207-08-9-----Benzo(k) fluoranthene

50-32-8-----Benzo(a)pyrene 193-39-5----Indeno(1,2,3-cd)pyrene

53-70-3-----Dibenzo (a, h) anthracene

191-24-2----Benzo(g,h,i)perylene

56

50

55

50 46

48

49

SMS-MW16DMSD

Lab Name: MITKEM CORPORATION Contract:

GPC Cleanup: (Y/N) N

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-03BMSD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8158

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

injection volume. 1.0 (db) Director rector. 1.0

pH:

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-95-2	Phenol	12	
	bis(2-Chloroethyl)Ether	37	·
	2-Chlorophenol	35	
	1,3-Dichlorobenzene	35	
	1,4-Dichlorobenzene	35	
	1,2-Dichlorobenzene	35	
	2-Methylphenol	21	
	2,2'-oxybis(1-Chloropropane)	36	
106-44-5	4-Methylphenol	20	
621-64-7	N-Nitroso-di-n-propylamine	38	
	Hexachloroethane	34	***************************************
	Nitrobenzene	40	
	Isophorone	43	
	2-Nitrophenol	43	
105-67-9	2,4-Dimethylphenol	3	J
120-07-3	2,4-Dichlorophenol	38	U
	1,2,4-Trichlorobenzene	39	
	Naphthalene	41	
	4-Chloroaniline	28	,
	Hexachlorobutadiene	41	···
	bis(2-Chloroethoxy)methane	40	
	4-Chloro-3-Methylphenol	34	
	2-Methylnaphthalene	40	
		42	
77-47-4	Hexachlorocyclopentadiene	42	
88-06-2	2,4,6-Trichlorophenol	41	
	2,4,5-Trichlorophenol		
	2-Chloronaphthalene	41	
	2-Nitroaniline	41	
	Dimethylphthalate	45	
	Acenaphthylene	45	
	2,6-Dinitrotoluene	45	
	3-Nitroaniline	39	
83-32-9	Acenaphthene	42	***************************************

SMS-MW16DMSD

Q

Lab Name: MITKEM CORPORATION Contract:

GPC Cleanup: (Y/N) N

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Lab Sample ID: E1400-03BMSD Matrix: (soil/water) WATER

Lab File ID: Sample wt/vol: 1000 (q/mL) MLS3D8158

Date Received: 09/14/06 Level: (low/med) LOW

Date Extracted: 09/18/06 % Moisture: decanted: (Y/N)___

Date Analyzed: 09/26/06 Concentrated Extract Volume: 1000 (uL)

Dilution Factor: 1.0 Injection Volume: 1.0(uL)

pH: ____

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	26
	4-Nitrophenol	14 J
	Dibenzofuran	47
	2,4-Dinitrotoluene	44
	Diethylphthalate	47
	4-Chlorophenyl-phenylether	43
86-73-7	Fluorene	45
	4-Nitroaniline	38
	4,6-Dinitro-2-methylphenol	39
	N-Nitrosodiphenylamine (1)	50
	4-Bromophenyl-phenylether	46
	Hexachlorobenzene	46
	Pentachlorophenol	38
	Phenanthrene	48
	Anthracene	47
	Carbazole	47
	Di-n-butylphthalate	52
	Fluoranthene	48
129-00-0		46
	Butylbenzylphthalate	43
	3,3'-Dichlorobenzidine	29
	Benzo (a) anthracene	48
218-01-9		47
	bis(2-Ethylhexyl)phthalate	46
	Di-n-octylphthalate	52
	Benzo (b) fluoranthene	47
	Benzo(k) fluoranthene	51
	Benzo(a) pyrene	47
	Indeno (1, 2, 3 - cd) pyrene	43
	Dibenzo(a,h)anthracene	45
		45

(i) - Cannot be separated from Diphenylamine

SMSMW16DA

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8159

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: _____ decanted: (Y/N)___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q

CONCENTRATION UNITS:

			
108-95-2		10	T
111-44-4	bis(2-Chloroethyl)Ether	10	i .
95-57-8	2-Chlorophenol	10	-
	1,3-Dichlorobenzene	10	U
	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	Ū
	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
	N-Nitroso-di-n-propylamine	10	U
	Hexachloroethane	10	U
	Nitrobenzene	10	U
78-59-1	Isophorone	10	υ
	2-Nitrophenol	10	U
	2,4-Dimethylphenol	10	
120-83-2	2,4-Dichlorophenol	10	U
	1,2,4-Trichlorobenzene	10	l .
	Naphthalene	10	i .
106-47-8	4-Chloroaniline	10	
	Hexachlorobutadiene	10	_
	bis(2-Chloroethoxy)methane	10	l .
	4-Chloro-3-Methylphenol	10	
	2-Methylnaphthalene	10	1 -
	Hexachlorocyclopentadiene	10	ł .
	2,4,6-Trichlorophenol	10	-
	2,4,5-Trichlorophenol	20	_
01.50.7.	2-Chloronaphthalene	10	1 -
	2-Nitroaniline	20	ı
		20 10	_
	Dimethylphthalate	10	1 -
	Acenaphthylene		1 -
	2,6-Dinitrotoluene	10	_
	3-Nitroaniline	20	-
83-32-9	Acenaphthene	10	U
			l

SMSMW16DA

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: E1400-04B

Sample wt/vol: 1000 (q/mL) ML Lab File ID: S3D8159

Level: (low/med) LOW Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

51-28-5	2,4-Dinitrophenol	20	שו
	4-Nitrophenol	_ !	טו
	Dibenzofuran	}	טוֹט
	2,4-Dinitrotoluene	1	טוֹט
84-66-2	Diethylphthalate	1	טו
7005-72-3	4-Chlorophenyl-phenylether	_	טע
86-73-7	Fluorene	- 10	טו
100-01-6	4-Nitroaniline	_ 20	טע
	4,6-Dinitro-2-methylphenol	1	טוס
	N-Nitrosodiphenylamine (1)		טוס
101-55-3	4-Bromophenyl-phenylether	I	טוט
	Hexachlorobenzene		U
	Pentachlorophenol		ט ע
	Phenanthrene		טוט
120-12-7	Anthracene	- 10	טע
86-74-8	Carbazole	10	ט ע
84-74-2	Di-n-butylphthalate	10) U
	Fluoranthene	10	ט ע
129-00-0	Pyrene	10	ס ע
85-68-7	Butylbenzylphthalate	10	טע
91-94-1	3,3'-Dichlorobenzidine	10	ו (
	Benzo(a) anthracene	10) ע
218-01-9		10) U
117-81-7	bis(2-Ethylhexyl)phthalate	10) U
117-84-0	Di-n-octylphthalate	10	ט ו ע
	Benzo (b) fluoranthene	10	ס ע
207-08-9	Benzo(k)fluoranthene	10	ט ע
50-32-8	Benzo (a) pyrene	10) U
193-39-5	Indeno(1,2,3-cd)pyrene	- 10) U
	Dibenzo (a, h) anthracene	10) U
	Benzo(g,h,i)perylene	_ 10	ט ט
\ - Cannot be s	reparated from Diphenylamine		

(i) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMSMW16DA

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1400

Matrix: (soil/water) WATER

Lab Sample ID: E1400-04B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3D8159

Level: (low/med)

LOW

Date Received: 09/14/06

% Moisture: ____ decanted: (Y/N)___

Date Extracted: 09/18/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/26/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
۷.				
٦.				
0.				
/ •				
8. 9.				
10.				
_L				
14.				
10.				
15.				
16				
17. 18.				
19.				
1 20.				
 				
44.				
23.			***************************************	
24.				
25.				
26.				l
24 / •				
28.				
30				

S3SLCS

Lab Name: MITKEM CORPORATION Contract:

SAS No.: SDG No.: ME1400 Lab Code: MITKEM Case No.:

Lab Sample ID: LCS-25961 Matrix: (soil/water) WATER

Lab File ID: S3D8176 Sample wt/vol: 1000 (g/mL) ML

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

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Dilution Factor: 1.0 Injection Volume: 1.0(uL)

GPC Cleanup: (Y/N) N pH: ___

108-95-2Phenol 14 111-44-4bis (2-Chloroethyl) Ether 37 95-57-82-Chlorophenol 35 541-73-11, 3-Dichlorobenzene 34 106-46-71, 4-Dichlorobenzene 35 95-50-11, 2-Dichlorobenzene 35 95-48-72-Methylphenol 26 108-60-12, 2'-oxybis (1-Chloropropane) 35 106-44-54-Methylphenol 25 621-64-7N-Nitroso-di-n-propylamine 38 67-72-1	CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/K		Q
208-96-8Acenaphthylene 44 606-20-22,6-Dinitrotoluene 46 99-09-23-Nitroaniline 39 83-32-9Acenaphthene 42	111-44-4 95-57-8 541-73-1 106-46-7 95-50-1 95-48-7 108-60-1 106-44-5 621-64-7 98-95-3 78-59-1 120-83-2 120-82-1 120-82-1 91-20-3 111-91-1 59-50-7 91-57-6 77-47-4 88-06-2 95-95-4 91-58-7	bis (2-Chloroe2-Chloropheno1,3-Dichlorob1,2-Dichlorob1,2-Dichlorob2,Methylpheno2,2'-oxybis (14-MethylphenoNitroso-diHexachloroethIsophorone2,4-Dimethylp2,4-Dimethylp2,4-Dichlorop1,2,4-TrichloNaphthalene4-ChloroaniliHexachlorobutbis (2-Chloroe4-Chloro-3-Me2,4,6-Trichlo2,4,5-Trichlo2,4,5-Trichlo2,4,5-Trichlo2,4,5-Trichlo2,6-Dinitroto3-Nitroanilin	l enzene enzene enzene l enzen	3; 3; 3; 3; 2; 3; 3; 4; 4; 4; 4; 4; 4; 4; 4; 4; 4; 4; 4; 4;	7

S3SLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1400

Matrix: (soil/water) WATER Lab Sample ID: LCS-25961

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3D8176

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

% Moisture: _____ decanted: (Y/N)___ Date Extracted:09/18/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q

51-28-5	2,4-Dinitrophenol	31
	4-Nitrophenol	16 J
	Dibenzofuran	46
	2,4-Dinitrotoluene	45
84-66-2	Diethylphthalate	47
7005-72-3	4-Chlorophenyl-phenylether	42
86-73-7		45
	4-Nitroaniline	36
	4,6-Dinitro-2-methylphenol	41
	N-Nitrosodiphenylamine (1)	53
	4-Bromophenyl-phenylether	46
	Hexachlorobenzene	45
	Pentachlorophenol	31
	Phenanthrene	47
	Anthracene	48
	Carbazole	47
	Di-n-butylphthalate	52
	Fluoranthene	49
129-00-0		46
	Butylbenzylphthalate	43
91-94-1	3,3'-Dichlorobenzidine	39
	Benzo(a) anthracene	49
218-01-9		47
117-81-7	bis(2-Ethylhexyl)phthalate	46
	Di-n-octylphthalate	52
	Benzo(b) fluoranthene	47
207-08-9	Benzo(k) fluoranthene	52
50-32-8	Benzo (a) pyrene	48
193-39-5	Indeno (1, 2, 3-cd) pyrene	44
53-70-3	Dibenzo(a,h) anthracene	46
191-24-2	Benzo(g,h,i)perylene	45

(1) - Cannot be separated from Diphenylamine

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-11

Lab Name: Mitkem Corporation

Contract: D003821-4

Lab Code: MITKEM Case No. SAS No.:

SDG No.: ME1400

Matrix (soil/water): WATER

Lab Sample ID: E1400-06

Level (low/med):

MED

Date Received: 09/14/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	159	В		Р
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	25.6	В		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.23	В	E	P
7440-70-2	Calcium	14400			P
7440-47-3	Chromium	0.99	В	E	P
7440-48-4	Cobalt	0.57	В		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	11800			P
7439-92-1	Lead	3.5	В		P
7439-95-4	Magnesium	2030		E	P
7439-96-5	Manganese	201		*E	P
7440-02-0	Nickel	3.3	В		P
7440-09-7	Potassium	3040			P
7782-49-2	Selenium	1.7	В		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	9370			P
7440-28-0	Thallium	2.9	В		P
7440-62-2	Vanadium	3.2	В		P
7440-66-6	Zinc	21.2	В		Р
7439-97-6	Mercury	0.065	U		CV

Comments:	

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-12

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME1400

Matrix (soil/water): WATER

Lab Sample ID: E1400-05

Level (low/med):

MED

Date Received: 09/14/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	55.8	В		P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	3.5	В		P
7440-39-3	Barium	29.7	В	A.A.	P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.40	В	E	P
7440-70-2	Calcium	16700			P
7440-47-3	Chromium	2.1	В	E	P
7440-48-4	Cobalt	1.0	В		P
7440-50-8	Copper	6.4	В		P
7439-89-6	Iron	19700			P
7439-92-1	Lead	3.2	В		P
7439-95-4	Magnesium	2190		E	P
7439-96-5	Manganese	956		*E	P
7440-02-0	Nickel	3.6	В		P
7440-09-7	Potassium	2970			Р
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	1.8	В		P
7440-23-5	Sodium	5050			P
7440-28-0	Thallium	2.4	В		P
7440-62-2	Vanadium	4.2	В		P
7440-66-6	Zinc	22.6	В		P
7439-97-6	Mercury	0.065	U		CV

Comm	ents:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-13

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Sample ID: E1400-01

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME1400

Level (low/med): MED

% Solids:

Matrix (soil/water): WATER

Date Received: 09/14/06

0.0

CAS No.	Analyte	Concentration C Q				
7429-90-5	Aluminum	84.0	В		P	
7440-36-0	Antimony	1.2	U		P	
7440-38-2	Arsenic	3.3	В		P	
7440-39-3	Barium	39.4	В		P	
7440-41-7	Beryllium	0.15	U		P	
7440-43-9	Cadmium	0.89	В	E	P	
7440-70-2	Calcium	11500			P	
7440-47-3	Chromium	1.9	В	E	P	
7440-48-4	Cobalt	2.3	В		P	
7440-50-8	Copper	9.3	В		P	
7439-89-6	Iron	15400			Р	
7439-92-1	Lead	2.3	В		P	
7439-95-4	Magnesium	1230		E	Р	
7439-96-5	Manganese	186		*E	P	
7440-02-0	Nickel	3.6	В		P	
7440-09-7	Potassium	14600			P	
7782-49-2	Selenium	1.9	В		P	
7440-22-4	Silver	1.8	В		P	
7440-23-5	Sodium	15000			P	
7440-28-0	Thallium	4.0	В		P	
7440-62-2	Vanadium	3.4	В		P	
7440-66-6	Zinc	37.7	В		P	
7439-97-6	Mercury	0.065	U		CV	

Comme	ents:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW-14

Lab Name: Mitkem Corporation

Contract: D003821-4

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME1400

Matrix (soil/water): WATER

Lab Sample ID: E1400-07

Level (low/med):

MED

Date Received: 09/14/06

% Solids:

0.0

CAS No.	Analyte	Concentration C Q		М	
7429-90-5	Aluminum	154	В		P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	11.4	В		Р
7440-39-3	Barium	35.1	В		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.21	В	E	P
7440-70-2	Calcium	21800			P
7440-47-3	Chromium	1.4	В	E	P
7440-48-4	Cobalt	0.15	U		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	48000			P
7439-92-1	Lead	4.3	В		P
7439-95-4	Magnesium	2520		E	P
7439-96-5	Manganese	910		*E	P
7440-02-0	Nickel	3.0	В		P
7440-09-7	Potassium	4990			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	3.5	В		P
7440-23-5	Sodium	8710			P
7440-28-0	Thallium	2.6	В		P
7440-62-2	Vanadium	9.8	В		P
7440-66-6	Zinc	41.6	В		P
7439-97-6	Mercury	0.065	U		CV
			L		

Comm	ents:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW13D

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME1400

Matrix (soil/water): WATER

Lab Sample ID: E1400-02

Level (low/med): MED

Date Received: 09/14/06

% Solids:

0.0

	· · · · · · · · · · · · · · · · · · ·			
Analyte	Concentration	С	Q	М
Aluminum	82.0	В		P
Antimony	1.2	U		P
Arsenic	1.6	Ū		P
Barium	69.6	В		P
Beryllium	0.15	U		P
Cadmium	72.8		E	Р
Calcium	13300			P
Chromium	5.0	В	E	P
Cobalt	0.81	В		P
Copper	19.6	В		P
Iron	210			P
Lead	1.7	В		Р
Magnesium	8300		E	P
Manganese	5.9	В	*E	P
Nickel	11.2	В		P
Potassium	2440			P
Selenium	2.2	В		P
Silver	0.91	U		P
Sodium	28700			P
Thallium	1.2	Ū		Р
Vanadium	1.1	В		P
Zinc	74.2			Р
Mercury	0.065	Ū		CV
	Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Manganese Nickel Potassium Selenium Silver Sodium Thallium Vanadium Zinc	Aluminum 82.0 Antimony 1.2 Arsenic 1.6 Barium 69.6 Beryllium 0.15 Cadmium 72.8 Calcium 13300 Chromium 5.0 Cobalt 0.81 Copper 19.6 Iron 210 Lead 1.7 Magnesium 8300 Manganese 5.9 Nickel 11.2 Potassium 2440 Selenium 2.2 Silver 0.91 Sodium 28700 Thallium 1.2 Vanadium 1.1 Zinc 74.2	Aluminum 82.0 B Antimony 1.2 U Arsenic 1.6 U Barium 69.6 B Beryllium 0.15 U Cadmium 72.8 Calcium 13300 Chromium 5.0 B Cobalt 0.81 B Copper 19.6 B Iron 210 Lead 1.7 B Magnesium 8300 Manganese 5.9 B Nickel 11.2 B Potassium 2440 Selenium 2.2 B Silver 0.91 U Sodium 28700 Thallium 1.2 U Vanadium 1.1 B Zinc 74.2	Aluminum 82.0 B Antimony 1.2 U Arsenic 1.6 U Barium 69.6 B Beryllium 0.15 U Cadmium 72.8 E Calcium 13300 Chromium 5.0 B E Cobalt 0.81 B Iron 210 Lead 1.7 B Magnesium 8300 E Manganese 5.9 B *E Nickel 11.2 B Potassium 2440 Selenium 2.2 B Silver 0.91 U Sodium 1.1 B Zinc 74.2

Comm	ents:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMS-MW16D

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME1400

Matrix (soil/water): WATER

Lab Sample ID: E1400-03

Level (low/med):

MED

Date Received: 09/14/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	97.3	В		P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	48.3	В		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	11.8		E	P
7440-70-2	Calcium	18500			P
7440-47-3	Chromium	41.6		E	P
7440-48-4	Cobalt	0.87	В		P
7440-50-8	Copper	6.3	Ū		P
7439-89-6	Iron	232			P
7439-92-1	Lead	1.2	В		P
7439-95-4	Magnesium	3430		E	P
7439-96-5	Manganese	196		*E	P
7440-02-0	Nickel	11.3	В		P
7440-09-7	Potassium	5040			P
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	16000			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	0.89	В		P
7440-66-6	Zinc	40.2	В		P
7439-97-6	Mercury	0.065	U		CV
				<u> </u>	<u></u>

Comme	ents:
-	

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMSMW16DA

Lab Name: Mitkem Corporation

Contract: <u>D003821-4</u>

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME1400

Matrix (soil/water): WATER

Lab Sample ID: E1400-04

Level (low/med):

MED

Date Received: 09/14/06

% Solids:

0.0

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	96.1	В		P
7440-36-0	Antimony	2.3	В		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	49.6	В		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	10.8		E	P
7440-70-2	Calcium	18400			P
7440-47-3	Chromium	42.6		E	P
7440-48-4	Cobalt	1.2	В		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	259			P
7439-92-1	Lead	1.7	В		P
7439-95-4	Magnesium	3440		E	P
7439-96-5	Manganese	251		*E	P
7440-02-0	Nickel	11.8	В		P
7440-09-7	Potassium	5080			P
7782-49-2	Selenium	2.4	В		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	16200			P
7440-28-0	Thallium	1.3	В		P
7440-62-2	Vanadium	1.1	В		P
7440-66-6	Zinc	32.6	В		P
7439-97-6	Mercury	0.065	U		CV

Comme	ents:

Report of Laboratory Analyses for Earth Tech Northeast, Inc.

Client Project: SMS Instruments

Mitkem Work Order ID: E1453

October 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



EARTH TECH BLOOMFIELD, NJ

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to Earth Tech Northeast Inc.'s SMS Instruments project. Under this deliverable, analysis results are presented for one aqueous sample that was received on September 22, 2006. Analyses were performed per specifications in the project's contract and the chain of custody forms. 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. Semivolatile Analysis:

Alkanes were determined as part of tentatively identified compounds. The alkanes are reported on the Alkane Narrative Report following the SDG narrative.

Surrogate recovery: recoveries were within the QC limits.

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

Sample analysis: no 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

10/12/06

ALKANE NARRATIVE REPORT Report date : 10/04/2006 SDG: ME1453

Client Sample ID: SMS-MW-17	-			File ID:	S1F0631
Compound		RT	Est. Conc.	Q 	
Straight-chain Alkane	2	0.18	4	J	

Mitkem Corporation	26/Sep/06 10:23	WorkOrder: E1453	453
Client ID: EARTH NJ	Case:	Report Level: ASP-B	Р -
Project: SMS Instruments, 152026	SDG:	EDD: CLF	
Location:	PO : D003821-41	HC Due: 10/13/06	3/06

Comments: N/A

HC Due: 10/13/06 Fax Due: 10/06/06

Hold MS SEL Storage	□ □ K2
Lab Test Comments	
Test Code	queous SW8270C_W
Matrix	Aqueous
Date Recv'd Matrix Test Code	09/22/2006
Collection Date	09/21/2006 11:58 09/22/2006
Sample ID Client Sample ID	E1453-01A SMS-MW-17 09/21/20
Sample ID	E1453-01A

1 of 1 Page

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW-17

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1453

Matrix: (soil/water) WATER Lab Sample ID: E1453-01A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1F0631

Level: (low/med) LOW Date Received: 09/22/06

% Moisture: decanted: (Y/N) Date Extracted: 09/27/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/03/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAD IVO.	(49/11 01 49/119/	~
108-95-2	Phenol	10 U
	bis(2-Chloroethyl)Ether	10 U
95_57_8	2-Chlorophenol	10 U
	1,3-Dichlorobenzene	10 U
106-46-7	1,4-Dichlorobenzene	10 U
	1,2-Dichlorobenzene	10 U
	2-Methylphenol	10 U
	2,2'-oxybis(1-Chloropropane)	10 U
106-00-1	4-Methylphenol	10 U
601 64-7	N-Nitroso-di-n-propylamine	10 U
67-72-1	Hexachloroethane	10 U
	Nitrobenzene	10 U
	Isophorone	10 U
	2-Nitrophenol	10 U
	2.4-Dimethylphenol	10 U
	2,4-Dimethylphenol	10 U
	1,2,4-Trichlorobenzene	10 U
	Naphthalene	10 U
	4-Chloroaniline	10 U
	Hexachlorobutadiene	10 U
		10 U
TTT-3T-T	bis(2-Chloroethoxy)methane	10 0
	4-Chloro-3-Methylphenol	10 U
	2-Methylnaphthalene	10 0
	Hexachlorocyclopentadiene	10 0
88-06-2	2,4,6-Trichlorophenol	20 0
95-95-4	2,4,5-Trichlorophenol	10 U
	2-Chloronaphthalene	
	2-Nitroaniline	20 U
	Dimethylphthalate	10 U
	Acenaphthylene	10 U
	2,6-Dinitrotoluene	10 U
	3-Nitroaniline	20 U
83-32-9	Acenaphthene	10 U

Lab File ID: S1F0631

1C SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SEMIVOLATILE ORGANICS ANALISIS DATA SHEET

SMS-MW-17

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1453

Matrix: (soil/water) WATER Lab Sample ID: E1453-01A

Mactix. (Bott) water, waith

Level: (low/med) LOW Date Received: 09/22/06

1000 (g/mL) ML

% Moisture: ____ decanted: (Y/N) ___ Date Extracted:09/27/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/03/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

Sample wt/vol:

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

51-28-5	2,4-Dinitrophenol	20	U
	4-Nitrophenol	20	U
	Dibenzofuran	10	U
	2,4-Dinitrotoluene	10	U
	Diethylphthalate	10	U
	4-Chlorophenyl-phenylether_	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
	N-Nitrosodiphenylamine (1)	10	U .
101-55-3	4-Bromophenyl-phenylether	10	U
	Hexachlorobenzene	10	U
	Pentachlorophenol	20	U
	Phenanthrene	10	U
	Anthracene	10	U
86-74-8		10	U
84-74-2	Di-n-butylphthalate	10	U
	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	1	J
	Di-n-octylphthalate	10	U
	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k) fluoranthene	10	U
50-32-8	Benzo(a) pyrene	10	U
	Indeno (1, 2, 3-cd) pyrene	10	1
	Dibenzo(a,h)anthracene	10	U
	Benzo(g,h,i)perylene	10	U
Cannot he	constrated from Dinhenylamine		

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-17

	Lab	Name:	MITKEM	CORPORATION
--	-----	-------	--------	-------------

Contract:

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

SDG No.: ME1453

Matrix: (soil/water) WATER

Lab Sample ID: E1453-01A

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S1F0631

Level: (low/med) LOW

Date Received: 09/22/06

% Moisture: decanted: (Y/N)

Date Extracted: 09/27/06

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 10/03/06

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: Number TICs found: 5 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
1. 2. 3. 4. 5. 111-02-4 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27.	COMPOUND NAME ===================================	18.93 19.11 20.31 20.59	EST. CONC. 6 8 6 5 5	Q I J J N N I I I I I I I I I I I
28. 29. 30.				

	VOLAT					
Sample Location		MW-1	MW-2	MW-3	MW-4	MW-5
Sample ID	Class GA	SMS-MW-1	SMS-MW-2	SMS-MW-3	SMS-MW-4	SMS-MW-5
Laboratory ID	Groundwater	E1376-16A	E1376-17A	E1376-12A	E1376-14A	E1376-03A
Sample Date	Criteria	09-12-06	09-12-06	09-12-06	09-12-06	09-11-06
Matrix	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
	. 0		conc Q	conc Q		conc Q
Dichlorodifluoromethane	5	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
	5 5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 50			5 U		
Acetone		5 U	5 U		5 U	5 U
lodomethane	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	10	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5	4 J	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	5 U	5 U	5 U
2,2-Dichloropropane	5	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5	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 U	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	5 U	5 U	5 U	5 U	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 U	5 U	5 U	5 U	5 U
2-Hexanone	5 50	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50 50	5 U	5 U	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	5 U	5 U
1,1,1,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U

Sample Location	NYSDEC	MW-1	MW-2	MW-3	MW-4	MW-5
Sample ID	Class GA	SMS-MW-1	SMS-MW-2	SMS-MW-3	SMS-MW-4	SMS-MW-5
Laboratory ID	Groundwater	E1376-16A	E1376-17A	E1376-12A	E1376-14A	E1376-03A
Sample Date	Criteria	09-12-06	09-12-06	09-12-06	09-12-06	09-11-06
Matrix	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
	. 0	. •	conc Q	conc Q	conc Q	conc Q
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U
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
Isopropylbenzene	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	1	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	0	0
Total TICs		ND	ND	ND	ND	ND

VOLATILE ORGANIC COMPOUNDS						
Sample Location		MW-6D	MW-6S	MW-7	MW-8	MW-9
Sample ID	Class GA	SMS-MW-6D	SMS-MW-6S	SMS-MW-7	SMS-MW-8	SMS-MW-9
Laboratory ID	Groundwater	E1376-05A	E1376-01A	E1376-07A	E1376-02A	E1376-15A
Sample Date	Criteria	09-11-06	09-11-06	09-11-06	09-11-06	09-12-06
Matrix	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
	. 0		conc Q		conc Q	conc Q
Dichlorodifluoromethane	5	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	5 U	5 U	5 U
Acetone	50	5 U	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	10	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5	5 U	5 U	3 J	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	5 U	5 U	5 U
2,2-Dichloropropane	5	5 U	5 U	5 U	5 U	5 U
Bromochloromethane		5 U	5 U	5 U	5 U	5 U
Chloroform	5 7	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5	5 U	5 U	1 J	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	5 U	5 U	5 U	5 U	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 U	5 U	5 U	5 U	5 U
2-Hexanone	5 50	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50 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 U	5 U	5 U	5 U	
	5 5					5 U
1,1,1,2-Tetrachloroethane	Э	5 U	5 U	5 U	5 U	5 U

Sample Location	NYSDEC	MW-6D	MW-6S	MW-7	MW-8	MW-9
Sample ID	Class GA	SMS-MW-6D	SMS-MW-6S	SMS-MW-7	SMS-MW-8	SMS-MW-9
Laboratory ID	Groundwater	E1376-05A	E1376-01A	E1376-07A	E1376-02A	E1376-15A
Sample Date	Criteria	09-11-06	09-11-06	09-11-06	09-11-06	09-12-06
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
Ethylbenzene	5	5 U	2 J	5 U	5 U	5 U
m,p-Xylene	5	5 U	5	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	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
Isopropylbenzene	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	3 J	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	6	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	2 J	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	1 J	5 U	5 U	5 U	5 U
Hexachlorobutadiene	0.5	2 J	5 U	5 U	5 U	5 U
Naphthalene	1	5 U	1 J	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5	2 J	5 U	5 U	5 U	5 U
Number of TICs		0	0	0	0	0
Total TICs		ND	ND	ND	ND	ND

Sample Location	NYSDEC	MW-11	MW-12	MW-13	MW-13D	MW-14
Sample ID		SMS-MW-11	SMS-MW-12	SMS-MW-13	SMS-MW-13D	
Laboratory ID			E1400-05A	E1400-01A	E1400-02A	E1400-07A
Sample Date		09-13-06	09-13-06	09-13-06	09-13-06	09-13-06
Matrix		water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
	F-9/-	conc Q		conc Q	conc Q	conc Q
		·		·	·	
Dichlorodifluoromethane	5	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	5 U	5 U	5 U
Acetone	50	5 U	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	10	5 U	5 U	5 U	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	5 U	5 U	5 U
2,2-Dichloropropane	5	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5	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 U	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	5 U	5 U	5 U	5 U	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 U	5 U	5 U	5 U	5 U
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	2 J	5 U	5 U
1,1,1,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U

Sample Location	NYSDEC	MW-11	MW-12	MW-13	MW-13D	MW-14
Sample ID	Class GA	SMS-MW-11	SMS-MW-12	SMS-MW-13	SMS-MW-13D	SMS-MW-14
Laboratory ID	Groundwater	E1400-06A	E1400-05A	E1400-01A	E1400-02A	E1400-07A
Sample Date	Criteria	09-13-06	09-13-06	09-13-06	09-13-06	09-13-06
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
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U
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
Isopropylbenzene	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	1	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	0	0
Total TICs		ND	ND	ND	ND	ND

Sample Location NYSDEC		MW-15	MW-16D	MW-16M	MW-16S	MW-17	
Sample ID	Class GA	SMS-MW-15	SMS-MW-16D	SMS-MW-16M	SMS-MW-16S		
Laboratory ID			E1400-03A	E1376-10A	E1376-09A	E1376-04A	
Sample Date	Criteria	09-12-06	09-13-06	09-12-06	09-12-06	09-11-06	
Matrix		water	water	water	water	water	
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	
Office	μg/∟		conc Q	conc Q	conc Q	conc Q	
		COIIC Q	conc Q	conc Q	conc Q	conc Q	
Dichlorodifluoromethane	5	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	5 U	5 U	5 U	
Acetone	50	5 U	5 U	5 U	5 U	5 U	
lodomethane	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	5 U	5 U	5 U	5 U	5 U	
Methyl tert-butyl ether	10	5 U	1 J	2 J	2 J	5 U	
1,1-Dichloroethane	5	5 U	5 U	5 U	5 U	5 U	
	NC	5 U	5 U	5 U	5 U	5 U	
Vinyl acetate		5 U	5 U	5 U	5 U	5 U	
2-Butanone cis-1,2-Dichloroethene	50 5	5 U	5 U	5 U	5 U	5 U	
	5 5	5 U	5 U	5 U	5 U	5 U	
2,2-Dichloropropane Bromochloromethane	5 5	5 U	5 U	5 U	5 U	5 U	
Chloroform	5 7	5 U	5 U	5 U	5 U		
						5 U	
1,1,1-Trichloroethane	5	5 U	5 U	5 U	5 U	5 U	
1,1-Dichloropropene	5 5	5 U	5 U	5 U	5 U	5 U	
Carbon Tetrachloride		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	5 U	5 U	5 U	5 U	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 U	5 U	5 U	5 U	5 U	
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	

Sample Location	NYSDEC	MW-15	MW-16D	MW-16M	MW-16S	MW-17	
Sample ID	Class GA	SMS-MW-15	SMS-MW-16D	SMS-MW-16M			
•	Groundwater		E1400-03A	E1376-10A	E1376-09A	E1376-04A	
Sample Date	Criteria	09-12-06	09-13-06	09-12-06	09-12-06	09-11-06	
Matrix	water	water	water	water	water	water	
Units	water μg/L	μg/L	μg/L	μg/L	μg/L	water μg/L	
Offits	µg/L	conc Q	conc Q	conc Q	conc Q	conc Q	
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U	
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	
Isopropylbenzene	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	1 J	5 U	5 U	2 J	
Naphthalene	1	5 U	5 U	5 U	5 U	5 U	
1,2,3-Trichlorobenzene	5	5 U	5 U	5 U	5 U	1 J	
Number of TICs		0	0	0	0	0	
Total TICs		ND	ND	ND	ND	ND	
10(4) 1103		ואט	ואט	שוו	שויו	שוו	

Sample Location	NYSDEC	MW-1	MW-2	MW-3	MW-4	MW-5
Sample ID	Class GA	SMS-MW-1	SMS-MW-2	SMS-MW-3	SMS-MW-4	SMS-MW-5
Laboratory ID			E1376-17B	E1376-12B	E1376-14B	E1376-03B
Sample Date		09-12-06	09-12-06	09-12-06	09-12-06	09-11-06
Matrix	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
Office	μ9/∟	conc Q	conc Q	conc Q	conc Q	conc Q
		conc Q	conc Q	conc Q	conc Q	conc Q
Phenol	1	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)Ether	NC	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	50	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	5	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	4.7	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	4.7	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	5	10 U	10 U	10 U	10 U	10 U
2,2-oxybis(1-Chloropropane)	NC	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	50	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	NC	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	5	10 U	10 U	10 U	10 U	10 U
Isophorone	50	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	5	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	1	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	5	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	0.5	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	NC	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	5	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	50	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	NC	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NC	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	1	20 U	20 U	20 U	20 U	20 U
2-Chloronaphthalene	NC	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U
Dimethylphthalate	50	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	20	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	5	20 U	20 U	20 U	20 U	20 U
4-Nitrophenol	5	20 U	20 U	20 U	20 U	20 U
Dibenzofuran	5	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	50	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	NC	10 U	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U
		1 200	1 200	1 200	1 200	

Sample Location	NYSDEC	MW-1	MW-2	MW-3	MW-4	MW-5	
Sample ID	Class GA	SMS-MW-1	SMS-MW-2	SMS-MW-3	SMS-MW-4	SMS-MW-5	
Laboratory ID		E1376-16B	E1376-17B	E1376-12B	E1376-14B	E1376-03B	
Sample Date	Criteria	09-12-06	09-12-06	09-12-06	09-12-06	09-11-06	
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	
40 B) '' 0 4 1 1	NO	00.11	00.11	00.11	00.11	00.11	
4,6-Dinitro-2-methylphenol	NC	20 U					
N-Nitrosodiphenylamine(1)	50	10 U					
4-Bromophenyl-phenylether	NC	10 U					
Hexachlorobenzene	0.35	10 U					
Pentachlorophenol	1	20 U					
Phenanthrene	50	10 U					
Anthracene	50	10 U					
Carbazole	NC	10 U					
Di-n-butylphthalate	50	10 U					
Fluoranthene	50	10 U					
Pyrene	50	10 U					
Butylbenzylphthalate	50	10 U					
3,3-Dichlorobenzidine	NC	10 U					
Benzo(a)anthracene	0.002	10 U	10 U	10 U	10 U	10 U	
Chrysene	0.002	10 U	10 U	10 U	10 U	10 U	
bis(2-Ethylhexyl)phthalate	50	1 J	2 J	2 J	10 U	1 J	
Di-n-octylphthalate	50	10 U					
Benzo(b)fluoranthene	0.002	10 U	10 U	10 U	10 U	10 U	
Benzo(k)fluoranthene	0.002	10 U	10 U	10 U	10 U	10 U	
Benzo(a)pyrene	0.002	10 U	10 U	10 U	10 U	10 U	
Indeno(1,2,3-cd)pyrene	0.002	10 U	10 U	10 U	10 U	10 U	
Dibenzo(a,h)anthracene	50	10 U					
Benzo(g,h,i)perylene	5	10 U					
Number of TICs		2	2	3	1	2	
Total TICs		322 J	634 J	323 J	9 J	353 J	

Sample Location	NYSDEC	MW-6D	MW-6S	MW-7	MW-8	MW-9
Sample ID	Class GA	SMS-MW-6D	SMS-MW-6S	SMS-MW-7	SMS-MW-8	SMS-MW-9
Laboratory ID			E1376-01B		E1376-02B	E1376-15B
Sample Date	Criteria	09-11-06	09-11-06	09-11-06	09-11-06	09-12-06
Matrix	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
3 15	¥9, =	conc Q	conc Q		conc Q	conc Q
			1	Ì		
Phenol	1	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)Ether	NC	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	50	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	5	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	4.7	10 U	1 J	10 U	10 U	10 U
1,2-Dichlorobenzene	4.7	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	5	10 U	10 U	10 U	10 U	10 U
2,2-oxybis(1-Chloropropane)	NC	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	50	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	NC	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	5	10 U	10 U	10 U	10 U	10 U
Isophorone	50	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	5	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	1	10 U	10 U	10 U	10 U	10 U
	5	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10		10 U		10 U	
Naphthalene	5	10 U 10 U		10 U		1 J 10 U
4-Chloroaniline			10 U	10 U	10 U	
Hexachlorobutadiene	0.5	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	NC	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	5	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	50	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	NC	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NC	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	1	20 U	20 U	20 U	20 U	20 U
2-Chloronaphthalene	NC	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U
Dimethylphthalate	50	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	20	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	5	20 U	20 U	20 U	20 U	20 U
4-Nitrophenol	5	20 U	20 U	20 U	20 U	20 U
Dibenzofuran	5	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	50	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	NC	10 U	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U
==	-	-	-	-		•

Sample Location		MW-6D	MW-6S		MW-8	MW-9	
Sample ID	Class GA	SMS-MW-6D	SMS-MW-6S	SMS-MW-7	SMS-MW-8	SMS-MW-9	
Laboratory ID			E1376-01B		E1376-02B	E1376-15B	
Sample Date		09-11-06	09-11-06		09-11-06	09-12-06	
Matrix		water	water		water	water	
Units	μg/L	μg/L	μg/L	. •	μg/L	μg/L	
		conc Q	conc Q	conc Q	conc Q	conc Q	
4,6-Dinitro-2-methylphenol	NC	20 U	20 U	20 U	20 U	20 U	
N-Nitrosodiphenylamine(1)	50	10 U			10 U	10 U	
4-Bromophenyl-phenylether	NC	10 U	10 U	10 U	10 U	10 U	
Hexachlorobenzene	0.35	10 U	10 U	10 U	10 U	10 U	
Pentachlorophenol	1	20 U	20 U	20 U	20 U	20 U	
Phenanthrene	50	2 J	10 U	10 U	10 U	10 U	
Anthracene	50	10 U	10 U	10 U	10 U	10 U	
Carbazole	NC	10 U	10 U	10 U	10 U	10 U	
Di-n-butylphthalate	50	2 J	10 U	10 U	10 U	10 U	
Fluoranthene	50	2 J	10 U	10 U	10 U	10 U	
Pyrene	50	2 J	10 U	10 U	10 U	10 U	
Butylbenzylphthalate	50	10 U	10 U	10 U	10 U	10 U	
3,3-Dichlorobenzidine	NC	10 U	10 U	10 U	10 U	10 U	
Benzo(a)anthracene	0.002	10 U	10 U	10 U	10 U	10 U	
Chrysene	0.002	10 U	10 U	10 U	10 U	10 U	
bis(2-Ethylhexyl)phthalate	50	3 J	4 J	10 U	10 U	3 J	
Di-n-octylphthalate	50	10 U	10 U	10 U	10 U	10 U	
Benzo(b)fluoranthene	0.002	10 U	1 J	10 U	10 U	10 U	
Benzo(k)fluoranthene	0.002	10 U	10 U	10 U	10 U	10 U	
Benzo(a)pyrene	0.002	10 U	10 U	10 U	10 U	10 U	
Indeno(1,2,3-cd)pyrene	0.002	10 U	10 U	10 U	10 U	10 U	
Dibenzo(a,h)anthracene	50	10 U	10 U	10 U	10 U	10 U	
Benzo(g,h,i)perylene	5	10 U	10 U	10 U	10 U	10 U	
Number of TICs		19	6		4	9	
Total TICs		845 J	53 J		24 J	53 J	

Sample Location	NYSDEC	MW-11	MW-12	MW-13	MW-13D	MW-14
Sample ID	Class GA	SMS-MW-11	SMS-MW-12	SMS-MW-13	SMS-MW-13D	
•	Groundwater		E1400-05B	E1400-01B	E1400-02B	E1400-07B
Sample Date	Criteria	09-13-06	09-13-06	09-13-06	09-13-06	09-13-06
Matrix	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
l Office	μg/∟	conc Q	conc Q	conc Q	conc Q	conc Q
		conc Q	conc Q	conc Q	conc Q	conc Q
Phenol	1	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)Ether	NC	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	50	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	5	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	4.7	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	4.7	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	5	10 U	10 U	10 U	10 U	10 U
2,2-oxybis(1-Chloropropane)	NC	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	50	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	NC	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	5	10 U	10 U	10 U	10 U	10 U
Isophorone	50	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	5	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	1	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	5	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	0.5	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	NC	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	5	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	50	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	NC	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NC	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	1	20 U	20 U	20 U	20 U	20 U
2-Chloronaphthalene	NC	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U
Dimethylphthalate	50	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	20	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	5	20 U	20 U	20 U	20 U	20 U
4-Nitrophenol	5	20 U	20 U	20 U	20 U	20 U
Dibenzofuran	5	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	50	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	NC	10 U	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U
H- Minoamine	1	200	1 200	1 200	1 200	1 200

Sample Location	NYSDEC	MW-11	MW-12	MW-13	MW-13D	MW-14
· Sample ID	Class GA	SMS-MW-11	SMS-MW-12	SMS-MW-13	SMS-MW-13D	SMS-MW-14
Laboratory ID	Groundwater	E1400-06B	E1400-05B	E1400-01B	E1400-02B	E1400-07B
Sample Date	Criteria	09-13-06	09-13-06	09-13-06	09-13-06	09-13-06
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
40.51 % 0 % 1 1 1		00.11	00.11	00.11	00.11	20.11
4,6-Dinitro-2-methylphenol	NC	20 U	20 U	20 U	20 U	20 U
N-Nitrosodiphenylamine(1)	50	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	NC	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.35	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	1	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U
Carbazole	NC	10 U	10 U 10 U		10 U	10 U
Di-n-butylphthalate	50	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U
Butylbenzylphthalate	50	10 U	10 U	10 U	10 U	10 U
3,3-Dichlorobenzidine	NC	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	0.002	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	50	10 U	1 J	10 U	10 U	2 J
Di-n-octylphthalate	50	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	0.002	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	0.002	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	0.002	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	0.002	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	50	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	5	10 U	10 U	10 U	10 U	10 U
Number of TICs		2			3	
Total TICs		322 J			111 J	

Sample Location	NYSDEC	MW-15	MW-16D	MW-16M	MW-16S	MW-17	
Sample ID	Class GA	SMS-MW-15		SMS-MW-16M	SMS-MW-16S		
•	Groundwater		E1400-03B	E1376-10B	E1376-09B	E1453-01A	
Sample Date	Criteria	09-12-06	09-13-06	09-12-06	09-12-06	09-21-06	
Matrix	water	water	water	water	water	water	
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	
Office of the second of the se	μ9/∟	conc Q	conc Q	conc Q	conc Q	conc Q	
		conc Q	conc Q	conc Q	conc Q	conc Q	
Phenol	1	10 U	10 U	10 U	10 U	10 U	
bis(2-Chloroethyl)Ether	NC	10 U	10 U	10 U	10 U	10 U	
2-Chlorophenol	50	10 U	10 U	10 U	10 U	10 U	
1,3-Dichlorobenzene	5	10 U	10 U	10 U	10 U	10 U	
1,4-Dichlorobenzene	4.7	10 U	10 U	10 U	10 U	10 U	
1,2-Dichlorobenzene	4.7	10 U	10 U	10 U	10 U	10 U	
2-Methylphenol	5	10 U	10 U	10 U	10 U	10 U	
2,2-oxybis(1-Chloropropane)	NC	10 U	10 U	10 U	10 U	10 U	
4-Methylphenol	50	10 U	10 U	10 U	10 U	10 U	
N-Nitroso-di-n-propylamine	NC	10 U	10 U	10 U	10 U	10 U	
Hexachloroethane	5	10 U	10 U	10 U	10 U	10 U	
Nitrobenzene	5	10 U	10 U	10 U	10 U	10 U	
Isophorone	50	10 U	10 U	10 U	10 U	10 U	
2-Nitrophenol	5	10 U	10 U	10 U	10 U	10 U	
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U	
2,4-Dichlorophenol	1	10 U	10 U	10 U	10 U	10 U	
1,2,4-Trichlorobenzene	5	10 U	10 U	10 U	10 U	10 U	
Naphthalene	10	10 U	10 U	10 U	10 U	10 U	
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U	
Hexachlorobutadiene	0.5	10 U	10 U	10 U	10 U	10 U	
bis(2-Chloroethoxy)methane	NC	10 U	10 U	10 U	10 U	10 U	
4-Chloro-3-Methylphenol	5	10 U	10 U	10 U	10 U	10 U	
2-Methylnaphthalene	50	10 U	10 U	10 U	10 U	10 U	
Hexachlorocyclopentadiene	NC	10 U	10 U	10 U	10 U	10 U	
2,4,6-Trichlorophenol	NC	10 U	10 U	10 U	10 U	10 U	
2,4,5-Trichlorophenol	1	20 U	20 U	20 U	20 U	20 U	
2-Chloronaphthalene	NC	10 U	10 U	10 U	10 U	10 U	
2-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U	
Dimethylphthalate	50	10 U	10 U	10 U	10 U	10 U	
Acenaphthylene	20	10 U	10 U	10 U	10 U	10 U	
2,6-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U	
3-Nitroaniline	5 5	20 U	20 U	20 U	20 U	20 U	
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U	
2,4-Dinitrophenol	20 5	20 U	20 U	20 U	20 U	20 U	
II -	5 5	20 U	20 U	20 U	20 U	20 U	
4-Nitrophenol Dibenzofuran	5 5	20 U 10 U	10 U	10 U		20 U	
II .	5 5			10 U	10 U		
2,4-Dinitrotoluene		10 U	10 U		10 U	10 U	
Diethylphthalate	50	10 U	10 U	10 U	10 U	10 U	
4-Chlorophenyl-phenylether	NC	10 U	10 U	10 U	10 U	10 U	
Fluorene	50	10 U	10 U	10 U	10 U	10 U	
4-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U	

Sample Location	NYSDEC	MW-15	MW-16D	MW-16M	MW-16S	MW-17
Sample ID	Class GA	SMS-MW-15	SMS-MW-16D	SMS-MW-16M	SMS-MW-16S	SMS-MW-17
Laboratory ID	Groundwater	E1376-11B	E1400-03B	E1376-10B	E1376-09B	E1453-01A
Sample Date	Criteria	09-12-06	09-13-06	09-12-06	09-12-06	09-21-06
Matrix	water	water	water	water	water	water
Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
	. 0	conc Q	conc Q	conc Q		conc Q
4,6-Dinitro-2-methylphenol	NC	20 U	20 U	20 U	20 U	20 U
N-Nitrosodiphenylamine(1)	50	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	NC	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.35	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	1	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U
Carbazole	NC	10 U	U 10 U 10		10 U	10 U
Di-n-butylphthalate	50	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U 10 U	
Butylbenzylphthalate	50	10 U	10 U	10 U	10 U	10 U
3,3-Dichlorobenzidine	NC	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	0.002	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	50	10 U	10 U	10 U	10 U	1 J
Di-n-octylphthalate	50	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	0.002	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	0.002	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	0.002	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	0.002	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	50	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	5	10 U	10 U	10 U	10 U	10 U
Number of TICs			2		3	2
Total TICs			634 J		111 J	322 J

Sample Location	NYSDEC				1		
	NISDEC	MW-1	MW-2	MW-3	MW-4	MW-5	
Sample ID	Class GA	SMS-MW-1	SMS-MW-2	SMS-MW-3	SMS-MW-4	SMS-MW-5	
Laboratory ID C	Groundwater	E1376-16C	E1376-17C	E1376-12C	E1376-14C	E1376-03C	
Sample Date	Criteria	09-12-06	09-12-06	09-12-06	09-12-06	09-11-06	
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	
Aluminum	NC	319	6,060	1,860	114 B	1,140	
Antimony	3	1.2 U	1.2 U	1.2 U	2.5 B	2 B	
Arsenic	25	1.6 U	4.4 B	3 B	1.6 U	5.5 B	
Barium	1,000	71.5 B	63.2 B	49.8 B	26 B	39.2 B	
Beryllium	3	0.15 U	0.27 B	0.15 U	0.15 U	0.15 U	
Cadmium	10	0.19 B	3.2 B	1 B	0.1 U	3.4 B	
Calcium	NC	19,500	18,300	25,000	25,400	15,100	
Chromium	50	2.7 B	16.9 B	10.6 B	2.3 B	18.1 B	
Cobalt	NC	1.2 B	3.7 B	2.2 B	0.79 B	2.4 B	
Copper	200	6.3 U	3 U 35.6 21.6 B 6.3 U		6.3 U	30 B	
Iron	300	12,500	25,100	20,400	23,800	23,400	
Lead	25	0.95 B	128	4.3 B	0.46 U	7.9 B	
Magnesium	35,000	3,370	4,660	3,630	1,500	2,500	
Manganese	300	126	715	502	210	551	
Mercury	2	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	
Nickel	NC	4.8 B	14 B	8.5 B	2.1 B	12.8 B	
Potassium	NC	9,380	6,750	7,410	5,600	3,100	
Selenium	10	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	
Silver	50	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	
Sodium	20,000	27,200	16,500	20,000	3,990	5,230	
Thallium	0.5	1.2 U	1.2 U 1.2 U 1.2 U 1.2 U			1.2 U	
Vanadium	NC	0.85 B	18.8 B	5.2 B 2.5 B		7.3 B	
Zinc	300	87.1	2720	52.6	32.4 B	40.2 B	

	TAL METALS										
Sample Location	NYSDEC	MW-6D)	MW-6	S	MW-7		MW-8		MW-9	
Sample ID	Class GA	SMS-MV	/-6D	SMS-M	N-6S	SMS-MV	V-7	SMS-MV	V-8	SMS-MV	V-9
Laboratory ID	Groundwater	E1376-0	5C	E1376-0)1C	E1376-0	7C	E1376-0	2C	E1376-1	5C
Sample Date	Criteria	09-11-0)6	09-11-	06	09-11-0	06	09-11-0	06	09-12-	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
Aluminum	NC	197	⁷ B	2,79		81			1 B		9 B
Antimony	3	2.3	3 B		2 U		2 U		2 U	1.	2 U
Arsenic	25		⁷ B	5.	8 B	3.3	3 B		6 U		1 B
Barium	1,000	60) B	52.	4 B	39.	3 B	39.0	6 B	25.	7 B
Beryllium	3	0.15	5 U	0.4	5 B	0.16 B		0.1	5 U	0.15 U	
Cadmium	10	0.37	⁷ B	1.4 B		1.	7 B	0.11 B		0.12 B	
Calcium	NC	22,400)	27,300		21,80	0	27,200		16,400	
Chromium	50	6.7	⁷ B	16.	16.4 B		12.6 B		9.9 B		3 B
Cobalt	NC	54.1		10.	8 B	2 B		1.1	1 B	0.6	6 B
Copper	200	9.3	3 B	45.	45.8 14.3 B 9.6 B		6 B	6.	3 U		
Iron	300	9,810)	8,79	0	60,30	0	15,90	0	21,70	0
Lead	25	0.46	3 U	12.	1	2.9	9 B	0.40	6 U	0.4	6 U
Magnesium	35,000	5,780)	8,34	0	4,38	0	3,52	0	2,56	0
Manganese	300	276	3	22	3	59	2	82.	1	82.	2
Mercury	2	0.065	5 U	0.06	5 U	0.06	5 U	0.06	5 U	0.06	5 U
Nickel	NC	12.9) B	9.	6 B	9.	7 B	9.8	8 B	4.	8 B
Potassium	NC	3,480)	2,72	0	3,90	0	6,97	0	3,99	0
Selenium	10	0.98			8 U	0.9		0.98			8 U
Silver	50	0.91			1 U	0.9		0.9			1 U
Sodium	20,000	31,100		8,45		15,40		26,00		11,40	
Thallium	0.5		2 U		8 B		2 U	1.3	2 U		2 U
Vanadium	NC		В		2 B		2 B		1 B		7 B
Zinc	300	113	3	60	8	47.	4 B	3	1 B	22.	2 B

	TAE METAES										
Sample Location	NYSDEC	MW-11		MW-12		MW-13		MW-13D		MW-14	
Sample ID	Class GA	SMS-MW-11		SMS-MW-12		SMS-MW-13		SMS-MW-13D		SMS-MW-14	
Laboratory ID	Groundwater	E1400-06C		E1400-05C		E1400-01C		E1400-02C		E1400-07C	
Sample Date	Criteria	09-13-06		09-13-06		09-13-06		09-13-06		09-13-06	
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
Aluminum	NC	159 B		55.8 B		84 B		82 B		154 B	
Antimony	3	1.2 U		1.2 U		1.2	U	1.2	U	1.2	2 U
Arsenic	25	1.6 U		3.5 B		3.3	В	1.6	U	11.4	ŀΒ
Barium	1,000	25.6 B		29.7 B		39.4	В	69.6	В	35.1	В
Beryllium	3	0.15 U		0.15 U		0.15	U	0.15	U	0.15	5 U
Cadmium	10	0.23 BE		0.4	BE	0.89	BE	72.8	Е	0.21	BE
Calcium	NC	14,400		16,700		11,500		13,300		21,800)
Chromium	50	0.99 BE		2.1 BE		1.9	BE	5	ΒE	1.4	l BE
Cobalt	NC	0.57 B		1	В	2.3	В	0.81	В	0.15	5 U
Copper	200	6.3 U		6.4 B		9.3	В	19.6	В	6.3	3 U
Iron	300	11,800		19,700		15,400		210		48,000)
Lead	25	3.5 B		3.2 B		2.3	В	1.7	В	4.3	ВВ
Magnesium	35,000	2,030 E		2,190 E		1,230	Е	8,300	Е	2,520) E
Manganese	300	201 *E		956 *E		186	*E	5.9	B*E	910) *E
Mercury	2	0.065 U		0.065 U		0.065	U	0.065	U	0.065	5 U
Nickel	NC	3.3 B		3.6 B		3.6	В	11.2	В	3	3 B
Potassium	NC	3,040		2,970		14,600		2,440		4,990	
Selenium	10	1.7 B		0.98		1.9		2.2		0.98	
Silver	50	0.91 U		1.8		1.8		0.91	U	3.5	
Sodium	20,000	9,370		5,050		15,000		28,700		8,710	
Thallium	0.5	2.9 B		2.4			В	1.2		2.6	
Vanadium	NC	3.2 B		4.2 B		3.4		1.1		9.8	
Zinc	300	21.	2 B	22.6	В	37.7	В	74.2		41.6	βВ

Laboratory ID Groundwater Sample Date Matrix Units Water µg/L										
Laboratory ID Sample Date Sample Date Matrix Water Water Hg/L	Sample Location	NYSDEC	MW-15	MW-16D	MW-16M	MW-16S	MW-17			
Sample Date Matrix Units Water Water µg/L µ	Sample ID	Class GA	SMS-MW-15	SMS-MW-16D	SMS-MW-16M	SMS-MW-16S	SMS-MW-17			
Matrix Units water μg/L ug/L conc water μ	Laboratory ID	Groundwater	E1376-11C	E1400-03C	E1376-10C	E1376-09C	E1376-04C			
Units	Sample Date	Criteria	09-12-06	09-13-06	09-12-06	09-12-06	09-11-06			
Aluminum	Matrix	water	water	water	water	water	water			
Aluminum NC 199 B 97.3 B 94.2 B 69.2 B 34.3 B Antimony 3 1.2 U 1.2 U 1.2 U 1.2 U 1.2 U 2.3 B Arsenic 25 2 B 1.6 U 2.2 B 1.6 U 1.6 U Barium 1,000 19.4 B 48.3 B 93.6 B 18.7 B 28.4 B Beryllium 3 0.15 U 0.15	Units	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L			
Antimony 3 1.2 U 1.6 U 1.7 U 1.1 U 1.2 U			conc Q	conc Q	conc Q	conc Q	conc Q			
Antimony 3 1.2 U 1.6 U 1.7 U 1.1 U 1.2 U										
Arsenic 25 2 B 1.6 U 2.2 B 1.6 U 1.7 U 1.6 U 1.7 U 1.	Aluminum	NC			94.2 B		34.3 B			
Barium 1,000 19.4 B 48.3 B 93.6 B 18.7 B 28.4 B Beryllium 3 0.15 U	Antimony	3	1.2 U	1.2 U	1.2 U	1.2 U	2.3 B			
Beryllium 3 0.15 U 0.63 U 0.63 U 17,200 <td>Arsenic</td> <td>25</td> <td>2 B</td> <td>1.6 U</td> <td>2.2 B</td> <td>1.6 U</td> <td colspan="2">1.6 U</td>	Arsenic	25	2 B	1.6 U	2.2 B	1.6 U	1.6 U			
Cadmium 10 0.85 B Calcium 11.8 E Calcium 2.3 B Ty,800 3 B Ty,800 17,800 Ty,800 17,200 Ty,800 17,200 Ty,800 17,200 Ty,800 17,200 Ty,800 17,200 Ty,800 17,200 Ty,800 17,200 Ty,800 17,200 Ty,800 17,200 Ty,800 17,200 Ty,800 11.3 E Ty,800 17,200 Ty,800 11.3 E Ty,800 17,200 Ty,800 11.3 E Ty,800 17,200 Ty,800 11.3 E Ty,800 11.7 E Ty,800 11.7 Ty,800 11.7 Ty,800 17,200 Ty,800 11.7 Ty,800 17,200 Ty,800 11.3 E Ty,800 11.7 Ty,800 11.3 E Ty,800 11.3 E Ty,800 11.3 E Ty,800 11.3 E Ty,800 11.3 E Ty,800 11.3 E Ty,800 11.3 E Ty,800 11.3 E Ty,800 11.3 E Ty,800 11.3 E Ty,800 11.3 E Ty,800 11.3 E Ty,800 11.3 E Ty,800 11.3 E Ty,800 11.4 E Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,800 11.3 E Ty,800 11.4 Ty,800 11.3 E Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,800 11.4 Ty,8	Barium	1,000	19.4 B	48.3 B	93.6 B	18.7 B	28.4 B			
Calcium NC 12,800 18,500 19,200 17,800 17,200 Chromium 50 275 41.6 E 45.9 117 11.3 E Cobalt NC 2.6 B 0.87 B 8 B 2.1 B 1.1 E Copper 200 10.5 B 6.3 U 6.3 U 6.3 U 7.1 E Iron 300 1,730 232 814 433 284 Lead 25 2.6 B 1.2 B 0.58 B 0.46 U 0.46 U Magnesium 35,000 2,320 3,430 E 2,950 3,270 1,160 Manganese 300 175 196 *E 536 108 109 Mercury 2 0.065 U 0.065 U 0.065 U 0.1 B 0.065 U Nickel NC 24.9 B 11.3 B 46.9 B 47.7 B 5.7 E Potassium NC 3,470 5,040 9,340 5,630 3,960 Selenium 10	Beryllium	3	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U			
Chromium 50 275 41.6 E 45.9 117 11.3 E Cobalt NC 2.6 B 0.87 B 8 B 2.1 B 1.1 E Copper 200 10.5 B 6.3 U 6.3 U 6.3 U 7.1 E Iron 300 1,730 232 814 433 284 Lead 25 2.6 B 1.2 B 0.58 B 0.46 U 0.46 U Magnesium 35,000 2,320 3,430 E 2,950 3,270 1,160 Manganese 300 175 196 *E 536 108 109 Mercury 2 0.065 U 0.065 U 0.065 U 0.1 B 0.065 U Nickel NC 24.9 B 11.3 B 46.9 B 47.7 B 5.7 E Potassium NC 3,470 5,040 9,340 5,630 3,960 Selenium 10 0.98 U 0.98 U 0.98 U 0.99 U 0.99 U 0.99 U Sodium <	Cadmium	10	0.85 B	11.8 E	2.3 B		0.65 B			
Cobalt NC 2.6 B 0.87 B 8 B 2.1 B 1.1 B Copper 200 10.5 B 6.3 U 6.3 U 6.3 U 7.1 B Iron 300 1,730 232 814 433 284 Lead 25 2.6 B 1.2 B 0.58 B 0.46 U 0.46 U Magnesium 35,000 2,320 3,430 E 2,950 3,270 1,160 Manganese 300 175 196 *E 536 108 109 Mercury 2 0.065 U 0.065 U 0.065 U 0.1 B 0.065 U Nickel NC 24.9 B 11.3 B 46.9 B 47.7 B 5.7 E Potassium NC 3,470 5,040 9,340 5,630 3,960 Selenium 10 0.98 U 0.98 U 0.98 U 0.98 U 0.98 U Sodium 20,000 11,000 16,000 15,300 14,100 2,690 Thallium 0.5	Calcium	NC	12,800	18,500	19,200	17,800	17,200			
Copper Iron 200 10.5 B 6.3 U 6.3 U 6.3 U 7.1 E Iron 300 1,730 232 814 433 284 Lead 25 2.6 B 1.2 B 0.58 B 0.46 U 0.46 U Magnesium 35,000 2,320 3,430 E 2,950 3,270 1,160 Manganese 300 175 196 *E 536 108 109 Mercury 2 0.065 U 0.065 U 0.065 U 0.1 B 0.065 U Nickel NC 24.9 B 11.3 B 46.9 B 47.7 B 5.7 E Potassium NC 3,470 5,040 9,340 5,630 3,960 Selenium 10 0.98 U 0.98 U 0.98 U 0.98 U 0.98 U 0.98 U Sodium 20,000 11,000 16,000 15,300 14,100 2,690 Thallium 0.5 1.2 U 1.2 U 1.5 B 1.2 U 1.2 U Van	Chromium	50	275	41.6 E	45.9	117	11.3 B			
Iron 300 1,730 232 814 433 284 Lead 25 2.6 B 1.2 B 0.58 B 0.46 U 0.46 U Magnesium 35,000 2,320 3,430 E 2,950 3,270 1,160 Manganese 300 175 196 *E 536 108 109 Mercury 2 0.065 U 0.065 U 0.065 U 0.1 B 0.065 U Nickel NC 24.9 B 11.3 B 46.9 B 47.7 B 5.7 E Potassium NC 3,470 5,040 9,340 5,630 3,960 Selenium 10 0.98 U 0.98 U 0.98 U 0.98 U 0.98 U Silver 50 0.91 U 0.91 U<	Cobalt	NC	2.6 B	0.87 B	8 B	2.1 B	1.1 B			
Lead 25 2.6 B 1.2 B 0.58 B 0.46 U 0.46 U Magnesium 35,000 2,320 3,430 E 2,950 3,270 1,160 Manganese 300 175 196 *E 536 108 109 Mercury 2 0.065 U 0.065 U 0.065 U 0.1 B 0.065 U Nickel NC 24.9 B 11.3 B 46.9 B 47.7 B 5.7 E Potassium NC 3,470 5,040 9,340 5,630 3,960 Selenium 10 0.98 U 0.98 U 0.98 U 0.98 U 0.98 U Silver 50 0.91 U 0.91 U </td <td>Copper</td> <td>200</td> <td>10.5 B</td> <td>6.3 U</td> <td>6.3 U</td> <td>6.3 U</td> <td>7.1 B</td>	Copper	200	10.5 B	6.3 U	6.3 U	6.3 U	7.1 B			
Magnesium 35,000 2,320 3,430 E 2,950 3,270 1,160 Manganese 300 175 196 *E 536 108 109 Mercury 2 0.065 U 0.065 U 0.065 U 0.1 B 0.065 U Nickel NC 24.9 B 11.3 B 46.9 B 47.7 B 5.7 E Potassium NC 3,470 5,040 9,340 5,630 3,960 Selenium 10 0.98 U 0.98 U 0.98 U 0.98 U 0.98 U Silver 50 0.91 U 0.91 U 0.91 U 0.91 U 0.91 U 0.91 U Sodium 20,000 11,000 16,000 15,300 14,100 2,690 Thallium 0.5 1.2 U 1.2 U 1.5 B 1.2 U 1.2 U Vanadium NC 1.2 B 0.89 B 0.71 B 0.8 B 2.4 E	Iron	300	1,730		814	433	284			
Manganese 300 175 196 *E 536 108 109 Mercury 2 0.065 U 0.065 U 0.065 U 0.1 B 0.065 U Nickel NC 24.9 B 11.3 B 46.9 B 47.7 B 5.7 E Potassium NC 3,470 5,040 9,340 5,630 3,960 Selenium 10 0.98 U 0.98 U 0.98 U 0.98 U 0.98 U Silver 50 0.91 U 0.91 U 0.91 U 0.91 U 0.91 U 0.91 U Sodium 20,000 11,000 16,000 15,300 14,100 2,690 Thallium 0.5 1.2 U 1.2 U 1.5 B 1.2 U 1.2 U Vanadium NC 1.2 B 0.89 B 0.71 B 0.8 B 2.4 E	Lead	25	2.6 B	1.2 B	0.58 B	0.46 U	0.46 U			
Mercury 2 0.065 U 0.065 U 0.065 U 0.1 B 0.065 U Nickel NC 24.9 B 11.3 B 46.9 B 47.7 B 5.7 E Potassium NC 3,470 5,040 9,340 5,630 3,960 Selenium 10 0.98 U 0.98 U 0.98 U 0.98 U 0.98 U 0.98 U Silver 50 0.91 U <	Magnesium	35,000	2,320	3,430 E	2,950	3,270	1,160			
Nickel NC 24.9 B 11.3 B 46.9 B 47.7 B 5.7 E Potassium NC 3,470 5,040 9,340 5,630 3,960 Selenium 10 0.98 U 0.98 U 0.98 U 0.98 U 0.98 U 0.98 U Silver 50 0.91 U	Manganese	300	175	196 *E	536	108				
Potassium NC 3,470 5,040 9,340 5,630 3,960 Selenium 10 0.98 U 0.98 U 0.98 U 0.98 U 0.98 U Silver 50 0.91 U 0.91 U 0.91 U 0.91 U 0.91 U 0.91 U Sodium 20,000 11,000 16,000 15,300 14,100 2,690 Thallium 0.5 1.2 U 1.2 U 1.5 B 1.2 U 1.2 U Vanadium NC 1.2 B 0.89 B 0.71 B 0.8 B 2.4 B	Mercury	2	0.065 U	0.065 U	0.065 U	0.1 B	0.065 U			
Selenium 10 0.98 U 0.91 U <td></td> <td></td> <td>24.9 B</td> <td>11.3 B</td> <td>46.9 B</td> <td>47.7 B</td> <td colspan="2">5.7 B</td>			24.9 B	11.3 B	46.9 B	47.7 B	5.7 B			
Silver 50 0.91 U			,		· '	· ·				
Sodium 20,000 11,000 16,000 15,300 14,100 2,690 Thallium 0.5 1.2 U 1.2 U 1.5 B 1.2 U 1.2 U Vanadium NC 1.2 B 0.89 B 0.71 B 0.8 B 2.4 E							0.98 U			
Thallium 0.5 1.2 U 1.2 U 1.5 B 1.2 U 1.2 U Vanadium NC 1.2 B 0.89 B 0.71 B 0.8 B 2.4 E	Silver					0.91 U	0.91 U			
Vanadium NC 1.2 B 0.89 B 0.71 B 0.8 B 2.4 B		20,000	11,000	1	15,300		2,690			
	Thallium						1.2 U			
Zinc 300 2988 4028 3088 1848 1865	Vanadium		1.2 B	0.89 B	0.71 B		2.4 B			
	Zinc	300	29.8 B	40.2 B	30.8 B	18.4 B	18.6 B			