FINAL

GROUNDWATER SAMPLING REPORT
(August 2007 Sampling Event)

Multi Site G
Operation, Maintenance & Monitoring

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

Work Assignment No.
D004445-14.1

Prepared for:

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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). At the time of sampling (August 2007), the building was vacant. 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 PHOSter™ 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 PHOSter™ system and the system was later installed and activated on site in May 2005. Further details of the PHOSter™ 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 (µg/kg). The highest VOC results were obtained from the drywell location at 24 feet bgs with a total VOC concentration of 408,100 µg/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 PHOSter™ 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 PHOSter™ 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 Groundwater Pump & Treat System Evaluation Sampling (August 31, 2005)

In an effort to evaluate the current status of the groundwater pump & treat 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 PHOSter™ 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 PHOSter™ 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 PHOSter™ 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 PHOSter™ 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 PHOSter™ 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 GEM™ 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 PHOSter™ System report. The data indicate that organic vapors in the monitoring wells have in general been decreasing steadily since the

installation of the PHOSter™ 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 PHOSter™ System Effectiveness Evaluation

On March 22 and 23, 2007, 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 PHOSter™ System Soil Sampling Report dated June 2007. 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 June 2007 Sampling and Analysis Plan (Earth Tech, June 2007) developed for the SMS Instruments Site, Earth Tech conducted the third of five groundwater sampling events in August 2007. The first round of groundwater samples were collected in February 2006, under NYSDEC Work Assignment #D003821-41. The second round of groundwater samples was collected September 11 through 15, 2006. This section describes and presents the results of the groundwater sampling event that took place on August 13 through 17, 2007.

3.1 Elevation Survey

YEC, Inc. performed a survey of the wells at the Site to determine location and elevation as this data could not be located. The survey was performed on March 23, 2007. The survey data is presented in Table 1 along with pertinent well construction data.

3.2 Water Level Survey

At the start of the sampling effort, the depth to groundwater was measured in each well. These measurements are presented in Table 2. A groundwater contour map is presented in Figure 3. As shown on the figure, the direction of groundwater flow at the Site is to the south. The gradient, as measured between contour lines, is approximately 0.0024, a very shallow gradient.

3.3 Groundwater Sampling

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 2. A total of 19 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. MW-11 could not be located during the field effort as the area is under construction.

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 3, 4, and 5 of this report, respectively. Nineteen monitoring wells were sampled during the August 2007 event. Extraction wells EW-1 and EW-2 were not sampled during the August 21007 event as the pumps could not be started and MW-11 could not be located (new construction on this property has obscured the location). 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 3 of this report. The VOC results are also summarized on Figure 4.

EW-1 and EW-2 were not sampled during the September 2006 or August 2007 sampling events. MW-11 could not be located during the August 2007 sampling event. New construction on this property has obscured the location.

No VOCs were detected in monitoring wells MW-1, MW-4, MW-5, MW-6D, MW-8, MW-9, MW-12, MW-13, MW-13D, MW-15, MW-16S and MW-16M during the August 2007 sampling round.

Several VOCs, including 1,2-dichlorobenzene, acetone and methyl tert-butyl ether (MTBE), were detected in monitoring wells MW-2, WM-14, MW-16D, and MW-17 at concentrations below their Class GA criteria.

In monitoring well MW-1, the concentration of 1,1-dichloroethane has decreased from 14 µg/L during the February 2006 sampling event to an estimated 4 µg/L during the September 2006 sampling event to not detected during the August 2007 sampling event.

No VOCs were detected in MW-2 during the first two sampling events. 1,2-Dichlorobenzene was reported at an estimated concentration of 1 µg/L during the August 2007 sampling event.

No VOCs were detected in MW-3 during the first two sampling events. During the August 2007 sampling event, vinyl chloride (Class GA criterion of 2 µg/L) was detected at a concentration of 8 µg/L and cis-1,2-dichloroethene (class GA criterion of 5 µg/L) was detected at a concentration of 8 µg/L.

No VOCs had been detected in MW-6D during the first sampling event. During the September 2006 sampling event three VOCs were detected and hexachlorobutadiene (Class GA criterion of 0.5 µg/L) was detected at an estimated concentration of 2 µ/L. No VOCs were detected during the August 2007 sampling event.

Several VOCs, mostly benzene derivatives and xylenes, have been detected at MW-6S during the three sampling events. During the August 2007 sampling event, two exceedances of the Class GA criterion were noted: 1,3,5-trimethylbenzene at 5 µg/L and 1,24-trimethylbenzene at 11 µg/L. The concentrations and the exceedances at this location have remained relatively constant during the last two sampling events.

At MW-7, the concentration of 1,1-dichloroethane (Class GA criterion of 5 µg/L) has increased during each sampling event: 1 µg/L, 3 µg/L and 13 µg/L during the August 2007 sampling event. The concentration of 1,1,1-trichloroethane has increasing from an estimated 1 µg/L during the September 2006 sampling event to an estimated 4 µg/L during the August 2007 sampling event. The compounds are showing increasing concentrations through the three sampling events.

During the September 2006 sampling event, hexachlorobutadiene (Class GA criterion of 0.5 µg/L) had been detected at an estimated concentration of 1 µg/L in MW-16D and an estimated 2 µg/L in MW-17. During the August 2007 sampling event, this compound was not detected in either monitoring well.

4.2 Semivolatile Organic Compounds

SVOC results are shown on Table 4 of this report. The SVOC results are also summarized on Figure 5.

No target SVOCs were detected in monitoring wells MW-1, MW-2, MW-4, MW-5, MW-8, MW-9, MW-12, MW-13, MW-13D, MW-14, MW-15, MW-16S and MW-17.

Bis(2-ethylhexyl)phthalate (Class GA criterion of 50 µ/L) was detected at estimated concentrations (less than 5 µg/L) in monitoring wells MW-3, MW-6D, MW-16D and MW-16M during the August 2007 sampling event. No other SVOCs were detected in these four wells.

Several polynuclear aromatic hydrocarbons were detected in monitoring well MW-6S during the August 2007 sampling event. Several of these compounds had also been detected during the two previous sampling events. Several exceedances of the Class GA criterion (all at 0.002 µg/L) were noted for benzo(a)anthracene (1 µg/L), chrysene (2 µg/L), benzo(b)fluoranthene (3 µg/L), benzo(k)fluoranthene (1 µg/L), benzo(a)pyrene (2 µg/L) and indeno(1,2,3-cd)pyrene (2 µg/L).

Phenol was detected at an estimated concentration of 1 µg/L during the August 2007 sampling event which is the same value as the Class GA criterion. Phenol had not been detected during either of the two previous sampling events.

4.3 TAL Metals

Results for TAL metals are shown on Table 5 of this report. The metals data is also summarized on Figure 6. All 23 TAL metals were detected in one or more of the 19 monitoring wells sampled during the August 2007 sampling 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.

Antimony was detected in all 19 monitoring well samples. The concentrations exceeded the Class GA criterion of 3 µg/L in 15 of these wells: MW-1, MW-2, MW-3, MW-4, MW-5, MW-6S, MW-6D, MW-7, MW-8, MW-9, MW-13D, MW-14, MW-15, MW-16M and MW-17. Concentrations ranged as high as 15.7 µg/L in monitoring well MW-14. This compares with no exceedances noted during the September

2006 sampling event and only two exceedances (EW-2 and MW-1) during the February 2006 sampling event.

Cadmium has been present in most samples collected during the three sampling events but at concentrations below the Class GA criterion of 5µg/L. Cadmium has exceeded the criterion in four monitoring wells: MW-5, MW-13D, MW-16S and MW-16D. Cadmium exceeded the criterion at MW-5 only during the February 2006 and August 2007 sampling events at concentrations of 5.8 µg/L and 8.4 µg/L. Cadmium in monitoring well MW-13D exceeded the criterion during all three sampling events at concentrations of 72.8 µg/L, 72.8 µg/L and 65.5 µg/L. 11.8 µg/L) exceeded the Class GA standard of 10 µg/L. During the February 2006 sampling event, cadmium was detected in monitoring well MW-16S at a concentration of 17.4 µg/L. Cadmium exceeded the criterion during all three events at MW-16D at concentrations of 23.4 µg/L, 11.8 µg/L and 5.1 µg/L.

Chromium has been detected in most samples during all three sampling event, mostly at concentrations below the Class GA criterion of 50 µg/L. Chromium exceeded the criterion in three wells: MW-6S, MW-15 and MW-16S. During the August 2007 sampling event, the chromium concentration at MW-6S was 111 µg/L. During the September 2006 sampling event, the chromium concentration at MW-15 was 275 µg/L. At MW-16S, chromium concentrations have exceeded the criterion during the September 2006 and August 2007 sampling events at concentrations of 117 µg/L and 95.7 µg/L.

Lead was detected above its Class GA criterion of 25 µg/L during all three sampling events at MW-2 at concentrations of 135 µg/L, 128 µg/L and 197 µg/L.

During the February 2006 sampling event, selenium was detected in 14 of 22 wells sampled. There was only one exceedance of the Class GA criterion of 10 µg/L at MW-6D at a concentration of 12.5 µg/L. During the September 2006 sampling event, selenium was detected at 3 of 20 wells samples with no exceedances noted. During the August 2007 sampling event, selenium was detected in all 19 samples with exceedances noted at 15 wells. The highest concentration was noted at MW-14, 41.2 µg/L.

During the February 2006 sampling event, thallium was detected in nine of 22 samples at concentration above the Class GA criterion of 0.5 µ/L with the highest concentration noted at MW-6S (6.4 µg/L). During the September 2006 sampling event, thallium was detected in six of 20 samples above the criterion, with the highest concentration noted at MW-13 (4 µg/L). During the August 2007 sampling event, thallium was detected in 12 of 19 samples above the criterion with the highest concentration noted at MW-14 (64.8 µg/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 1 (September 2006 or Round 2 (August 2007) 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. During Round 3, exceedances were noted in three monitoring well: MW-3, MW-6S and MW-7.

Several VOCs, mostly xylenes and benzene derivatives, have been detected at MW-6S during all three sampling events. The concentrations have remained relatively constant during this time frame with no discernable trends in either the number of compounds detected or the concentrations.

Hexachlorobutadiene was not historically associated with the Site. The VOCs hits noted at MW-6S, MW-16D and MW-17 during the September 2006 sampling are no longer present and may be a result of the soil sampling performed for the PHOSter™ 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 three 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 and Round 3.

Of the two SVOCs exceedances noted at MW-6S during Round 1, chrysene was reported as not detected and benzo(b)fluoranthene remained above the criterion in Round 2. Several other polynuclear aromatic hydrocarbons (PAHs) were detected at estimated concentrations during Round 3 including benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene and indeno(1,2,3-cd)pyrene all of which exceeded the Class GA criterion of 0.002 µg/L.

Antimony was present in all 19 samples during Round 3 with the concentrations exceeding the criterion in 15 of these samples. No exceedances were noted during Round 2 and only four exceedances were noted during Round 1. The significant increase in the presence of antimony cannot be explained at this time. The metals data indicate that lead concentrations remain above the criterion at MW-2. Cadmium concentrations remain above the criterion at MW-13D and MW-16D. The cadmium concentration at MW-5 increased and is above the criterion again for Round 3. Chromium exceedances were 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 PHOSter™ 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 PHOSter™ bioremediation system after six months;
- Two additional rounds of sampling are included in this work assignment. Groundwater sampling should continue for the next two scheduled events to provide groundwater information while the PHOSter™ system is in operation and continued monitoring after the PHOSter™ 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 (1-25-026)
WELL CONSTRUCTION DATA

Well Number	Northing	Easting	Ground Elevation	Top of Riser Elevation	Top of Casing Elevation	Total Depth of Well
MW-1	4932.30	5066.36	73.7	73.18	73.71	30.3
MW-2	5030.89	5162.26	72.7	72.34	72.73	28.5
MW-3	5046.01	5262.27	72.0	71.40	72.00	26.0
MW-4	4947.99	5389.05	72.7	72.04	72.70	29.6
MW-5	4864.24	5367.21	71.5	70.87	71.54	20.6
MW-6S	4861.60	5322.33	71.2	70.64	71.17	26.2
MW-6D	4861.31	5315.87	71.2	70.70	71.16	95.7
MW-7	4842.41	5095.83	72.6	72.09	72.64	28.7
MW-8	5155.39	5151.21	71.7	71.22	71.70	29.1
MW-9	5162.70	5331.93	71.1	70.58	71.11	28.8
MW-11	4428.51	5520.19	68.1	67.54	68.12	16.5
MW-12	4426.77	5391.08	70.4	69.82	70.43	47.5
MW-13	4411.78	5252.31	71.6	71.16	71.62	36.9
MW-13D	4420.90	5267.66	72.1	71.20	72.06	101.4
MW-14	4404.80	5114.02	71.8	71.29	71.84	45.9
MW-15	4702.67	5120.87	72.0	71.55	72.01	36.6
MW-16S	4712.87	5226.27	72.0	71.47	72.03	36.9
MW-16M	4713.25	5233.41	72.2	71.59	72.17	56.7
MW-16D	4714.18	5239.60	72.1	71.62	72.10	76.9
MW-17	4745.67	5393.99	71.7	71.19	71.68	36.5

All elevations and depths in feet
Field survey performed by YEC, Inc., on March 23, 2007
Vertical datum: NAVD 88, for NGVD 29, add 1.13 feet
Horizontal datum assumed

TABLE 2
SMS INSTRUMENTS SITE (1-52-026)
GROUNDWATER ELEVATIONS

Well #	Reference Elevation	Date	Depth To Water	Water Table Elevation	Comments
MW-1	73.18	8/13/07	17.98	55.20	
MW-2	72.34	8/13/07	16.91	55.43	
MW-3	71.40	8/13/07	15.95	55.45	
MW-4	72.04	8/13/07	16.68	55.36	
MW-5	70.87	8/13/07	15.72	55.15	
MW-6S	70.64	8/13/07	15.15	55.49	
MW-6D	70.70	8/13/07	15.59	55.11	
MW-7	72.09	8/13/07	17.06	55.03	
MW-8	71.22	8/13/07	15.54	55.68	
MW-9	70.58	8/13/07	14.87	55.71	
MW-11	67.54	8/13/07			could not locate
MW-12	69.82	8/13/07	15.57	54.25	
MW-13	71.16	8/13/07	17.08	54.08	
MW-13D	71.20	8/13/07	17.01	54.19	
MW-14	71.29	8/13/07	17.24	54.05	
MW-15	71.55	8/13/07	16.78	54.77	
MW-16S	71.47	8/13/07	16.64	54.83	
MW-16M	71.59	8/13/07	16.75	54.84	
MW-16D	71.62	8/13/07	16.79	54.83	
MW-17	71.19	8/13/07	16.26	54.93	

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006 AND AUGUST 2007 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-1	MW-2	MW-2	MW-2
Sample ID	Class GA	SMS-EW-1	SMS-EW-1	SMS-EW-2	SMS-EW-2	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-2	SMS-MW-2	SMS-MW-2
Laboratory ID	Groundwater	E0136-20A		E0203-03C		E0153-03A	E1376-16A	F1135-05A	E0136-03A	E1376-17A	F1135-13A
Sample Date	Criteria	2/9/06		2/23/06		2/10/06	09-12-06	08-14-07	2/7/06	09-12-06	08-15-07
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
Vinyl Chloride	2	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	NC	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	NA	ND	NA	***14.0***	4 J	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	***32.0***	NA	ND	NA	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	1.0 J	NA	ND	NA	ND	ND	ND	ND	ND	ND
m,p-Xylene	NC	5.0	NA	ND	NA	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	5.0	NA	ND	NA	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	4.7	ND	ND	ND	NA	ND	ND	ND	ND	ND	1 J
1,2,4-Trichlorobenzene	5	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
Number of TICs		0	NA	0	0	0	0	0	0	0	0
Total TICs		ND	NA	ND	NA	ND	ND	ND	ND	ND	ND

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006 AND AUGUST 2007 SEMI-ANNUAL GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-5	MW-5	MW-5
Sample ID	Class GA	SMS-MW-3	SMS-MW-3	SMS-MW-3	SMS-MW-4	SMS-MW-4	SMS-MW-4	SMS-MW-5	SMS-MW-5	SMS-MW-5
Laboratory ID	Groundwater	E0153-05A	E1376-12A	F1135-11A	E0153-01A	E1376-14A	F1135-14A	E0136-19A	E1376-03A	F1135-03A
Sample Date	Criteria	2/10/06	09-12-06	08-15-07	2/9/06	09-12-06	08-15-07	2/9/06	09-11-06	08-14-07
Matrix	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
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Vinyl Chloride	2	ND	ND	***8***	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	***8***	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	0	0	0	0	0	0
Total TICs		ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006 AND AUGUST 2007 SEMI-ANNUAL GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-6D	MW-6D	MW-6D	MW-6S	MW-6S	MW-6S	MW-7	MW-7	MW-7
Sample ID	Class GA	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D	SMS-MW-6S	SMS-MW-6S	SMS-MW-6S	SMS-MW-7	SMS-MW-7	SMS-MW-7
Laboratory ID	Groundwater	E0136-17A	E1376-05A	F1135-02A	E0136-13A	E1376-01A	F1135-01A	E0153-07A	E1376-07A	F1135-04A
Sample Date	Criteria	2/9/06	09-11-06	08-14-07	2/8/06	09-11-06	08-14-07	2/10/06	09-11-06	08-14-07
Matrix	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
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	1.0 J	3 J	***13 J***
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	1 J	4 J
Chlorobenzene	5	ND	ND	ND	1.0 J	ND	2 J	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	2 J	ND	ND	ND	ND
m,p-Xylene	NC	ND	ND	ND	ND	5	4 J	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	***5***	4 J	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	1 J	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	3 J	***5***	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	***6***	***11***	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	2 J	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	2 J	4 J	ND	ND	ND
1,2-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	1 J	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	***2 J***	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	1 J	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	2 J	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	0	0	0	0	0	0
Total TICs		ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006 AND AUGUST 2007 SEMI-ANNUAL GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-8	MW-8	MW-8	MW-9	MW-9	MW-9	MW-11	MW-11	MW-11
Sample ID	Class GA	SMS-MW-8	SMS-MW-8	SMS-MW-8	SMS-MW-9	SMS-MW-9	SMS-MW-9	SMS-MW-11	SMS-MW-11	SMS-MW-11
Laboratory ID	Groundwater	E0136-01A	E1376-02A	F1135-07A	E0136-02A	E1376-15A	F1135-06A	E0136-05A	E1400-06A	
Sample Date	Criteria	2/7/06	09-11-06	08-14-07	2/7/06	09-12-06	08-14-07	2/8/06	09-13-06	08-14-07
Matrix	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
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	NA
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	NA
Methyl tert-butyl ether	NC	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
m,p-Xylene	NC	ND	ND	ND	ND	ND	ND	ND	ND	NA
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,2-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	NA
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
Number of TICs		0	0	0	0	0	0	0	0	0
Total TICs		ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006 AND AUGUST 2007 SEMI-ANNUAL GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-12	MW-12	MW-12	MW-13	MW-13	MW-13	MW-13D	MW-13D	MW-13D
Sample ID	Class GA	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-13	SMS-MW-13	SMS-MW-13	SMS-MW-13D	SMS-MW-13D	SMS-MW-13D
Laboratory ID	Groundwater	E0136-06A	E1400-05A	F1159-04A	E0136-07A	E1400-01A	F1159-03A	E0136-09A	E1400-02A	F1135-19A
Sample Date	Criteria	2/8/06	09-13-06	08-17-07	2/8/06	09-13-06	8/17/07	2/8/06	09-13-06	08-16-07
Matrix	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
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	NC	ND	ND	ND	1.0 J	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	2 J	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	0	0	0	0	0	0
Total TICs		ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006 AND AUGUST 2007 SEMI-ANNUAL GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-14	MW-14	MW-14	MW-15	MW-15	MW-15	MW-16D	MW-16D	MW-16D
Sample ID	Class GA	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D
Laboratory ID	Groundwater	E0136-08A	E1400-07A	F1135-18A	E0136-11A	E1376-11A	F1135-17A	E0136-16A	E1400-03A	F1135-09A
Sample Date	Criteria	2/8/06	09-13-06	08-16-07	2/8/06	09-12-06	08-16-07	2/9/06	09-13-06	08-13-07
Matrix	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
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	6	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	NC	ND	ND	ND	ND	ND	ND	ND	1 J	1 J
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	***1 J***	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	0	0	0	0	0	0
Total TICs		ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006 AND AUGUST 2007 SEMI-ANNUAL GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-16M	MW-16M	MW-16M	MW-16S	MW-16S	MW-16S	MW-17	MW-17	MW-17
Sample ID	Class GA	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-17	SMS-MW-17	SMS-MW-17
Laboratory ID	Groundwater	E0136-15A	E1376-10A	F1135-10A	E0136-12A	E1376-09A	F1135-16A	E0136-18A	E1376-04A	F1135-15A
Sample Date	Criteria	2/9/06	09-12-06	08-13-07	2/9/06	09-12-06	08-16-07	2/9/06	09-11-06	08-16-07
Matrix	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
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	NC	ND	2 J	ND	ND	2 J	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	***2 J***	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	1 J	ND
Number of TICs		0	0	0	0	0	0	0	0	0
Total TICs		ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	EW-1	EW-1	EW-2	EW-2	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2
Sample ID	Class GA	SMS-EW-01	SMS-EW-01	SMS-EW-2	SMS-EW-2	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-2	SMS-MW-2	SMS-MW-2
Laboratory ID	Groundwater	E0136-20B		E0203-03C		E0153-03B	E1376-16B	F1135-05B	E0136-03C	E1376-17B	F1135-13B
Sample Date	Criteria	2/9/06		2/23/06		2/10/06	9/12/06	8/14/07	2/7/06	9/12/06	8/15/07
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
Phenol	1	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
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 B***	NA	1.0 J	NA	21.0	1 J	ND	2.0 J	2 J	ND
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	3	2	0	9
Total TICs		322 J	NA	ND	NA	111 J	32 J	28 J	634 J	ND	34 J

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed, EW-1 & EW-2 are not accessable
B - Possible laboratory contamination

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-5	MW-5	MW-5
Sample ID	Class GA	SMS-MW-3	SMS-MW-3	SMS-MW-3	SMS-MW-4	SMS-MW-4	SMS-MW-4	SMS-MW-5	SMS-MW-5	SMS-MW-5
Laboratory ID	Groundwater	E0153-05B	E1376-12B	F1135-12B	E0153-01B	E1376-14B	F1135-14B	E0136-19B	E1376-03B	F1135-03B
Sample Date	Criteria	2/10/06	9/12/06	8/15/07	2/9/06	9/12/06	8/15/07	2/9/06	9/11/06	8/14/07
Matrix	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
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	50	2.0 J	2 J	1 J	ND	ND	ND	ND	1 J	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		3	1	4.0	1	0	7	2	0	3
Total TICs		323 J	7 J	49 J	9 J	ND	79 J	353 J	ND	28 J

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed, EW-1 & EW-2 are not accessable
B - Possible laboratory contamination

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-6D	MW-6D	MW-6D	MW-6S	MW-6S	MW-6S	MW-7	MW-7	MW-7
Sample ID	Class GA	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D	SMS-MW-6S	SMS-MW-6S	SMS-MW-6S	SMS-MW-7	SMS-MW-7	SMS-MW-7
Laboratory ID	Groundwater	E0136-17B	E1376-05B	F1135-02B	E0136-13C	E1376-01B	F1135-01B	E0203-01A	E1376-07B	F1135-04B
Sample Date	Criteria	2/9/06	9/11/06	8/14/07	2/8/06	9/11/06	8/14/07	2/23/06	9/11/06	8/14/07
Matrix	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
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	***1 J***
1,3-Dichlorobenzene	5	ND	ND	ND	1.0 J	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	4.7	ND	ND	ND	2.0 J	1 J	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	1.0 J	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	2 J	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	2 J	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	2.0 J	2 J	ND	1.0 J	ND	2 J	ND	ND	ND
Pyrene	50	2.0 J	2 J	ND	1.0 J	ND	1 J	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	5.0 J	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	***1.0 J***	ND	ND	ND	ND	***1 J***	ND	ND	ND
Chrysene	0.002	***2.0 J***	ND	ND	***1.0 J***	ND	***2 J***	ND	ND	ND
bis(2-Ethylhexyl)phthalate	50	5.0 JB	3 J	4 J	6.0 JB	4 J	6 J	11.0	ND	ND
Benzo(b)fluoranthene	0.002	***2.0 J***	ND	ND	***1.0 J***	***1 J***	***3 J***	ND	ND	ND
Benzo(k)fluoranthene	0.002	***1.0 J***	ND	ND	ND	ND	***1 J***	ND	ND	ND
Benzo(a)pyrene	0.002	***2.0 J***	ND	ND	ND	ND	***2 J***	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	***1.0 J***	ND	ND	ND	ND	***2 J***	ND	ND	ND
Benzo(g,h,i)perylene	5	2.0 ***J***	ND	ND	1.0 J	ND	3 J	ND	ND	ND
Number of TICs		10	0	3	19	11	8	6.0	0	3
Total TICs		963 J	ND	29 J	845 J	57 J	57 J	53 J	ND	27 J

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed, EW-1 & EW-2 are not accessable
B - Possible laboratory contamination

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-8	MW-8	MW-8	MW-9	MW-9	MW-9	MW-11	MW-11	MW-11
Sample ID	Class GA	SMS-MW-8	SMS-MW-8	SMS-MW-8	SMS-MW-9	SMS-MW-9	SMS-MW-9	SMS-MW-11	SMS-MW-11	SMS-MW-11
Laboratory ID	Groundwater	E0136-01C	E1376-02B	F1135-07B	E0136-02C	E1376-15B	F1135-06B	E0136-05C	E1400-06B	
Sample Date	Criteria	2/7/06	9/11/06	8/14/07	2/7/06	9/12/06	8/14/07	2/8/06	9/13/06	8/14/07
Matrix	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
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,4-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND	ND	ND	NA
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	NA
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	NA
Naphthalene	10	ND	ND	ND	ND	1 J	ND	ND	ND	NA
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	NA
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	NA
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	NA
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	NA
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	NA
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	NA
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	NA
bis(2-Ethylhexyl)phthalate	50	2.0 J	ND	ND	2.0 J	3 J	ND	ND	ND	NA
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	NA
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	NA
Benzo(a)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	NA
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	NA
Benzo(g,h,i)perylene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA
Number of TICs		9	0	3	8	4	2	3	0	
Total TICs		53 J	ND	25 J	198 J	26 J	19 J	552 J	ND	NA

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed, EW-1 & EW-2 are not accessable
B - Possible laboratory contamination

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-12	MW-12	MW-12	MW-13	MW-13	MW-13	MW-13D	MW-13D	MW-13D
Sample ID	Class GA	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-13	SMS-MW-13	SMS-MW-13	SMS-MW-13D	SMS-MW-13D	SMS-MW-13D
Laboratory ID	Groundwater	E0136-06C	E1400-05B	F1159-04B	E0136-07C	E1400-01B	F1159-03B	E0136-09C	E1400-02B	F1159-02A
Sample Date	Criteria	2/8/06	9/13/06	8/17/07	2/8/06	9/13/06	8/17/07	2/8/06	9/13/06	8/17/07
Matrix	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
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	2.0 J	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	50	ND	1 J	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		4	0	3	4	1	7	3	0	4
Total TICs		229 J	ND	32 J	290 J	8 J	51 J	256 J	ND	35 J

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed, EW-1 & EW-2 are not accessable
B - Possible laboratory contamination

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-14	MW-14	MW-14	MW-15	MW-15	MW-15	MW-16D	MW-16D	MW-16D
Sample ID	Class GA	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D
Laboratory ID	Groundwater	E0136-08C	E1400-07B	F1135-18B	E0136-11C	E1376-11B	F1135-17B	E0136-16B	E1400-03B	F1135-09B
Sample Date	Criteria	2/8/06	9/13/06	8/16/07	2/8/06	9/12/06	8/16/07	2/9/06	9/13/06	8/13/07
Matrix	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
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	50	ND	2 J	ND	ND	ND	ND	***190 DB***	ND	2 J
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		2	0	4	1	0	3	2	0	4
Total TICs		171 J	ND	31 J	7 J	ND	27 J	140 J	ND	31 J

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed, EW-1 & EW-2 are not accessable
B - Possible laboratory contamination

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-16M	MW-16M	MW-16M	MW-16S	MW-16S	MW-16S	MW-17	MW-17	MW-17
Sample ID	Class GA	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-17	SMS-MW-17	SMS-MW-17
Laboratory ID	Groundwater	E0136-15B	E1376-10B	F1135-10B	E0136-12C	E1376-09B	F1135-16B	E0136-18B	E1453-01A	F1135-15B
Sample Date	Criteria	2/9/06	9/12/06	08-13-07	2/8/06	09-12-06	08-16-07	2/9/06	09-21-06	08-16-07
Matrix	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
		conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
Phenol	1	ND	ND	ND	ND	ND	ND			
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	50	2.0 JB	ND	1.0 J	ND	ND	ND	ND	1 J	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		4	0	3	3	1	3	2	5	3
Total TICs		329 J	ND	28 J	188 J	23 J	27 J	102 J	30 J	28 J

ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed, EW-1 & EW-2 are not accessable
B - Possible laboratory contamination

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	EW-1		EW-1		EW-2		EW-2		MW-1		MW-1		MW-1		MW-2		MW-2		MW-2	
Sample ID	Class GA	SMS-EW-1		SMS-EW-1		SMS-EW-2		SMS-EW-2		SMS-MW-1		SMS-MW-1		SMS-MW-1		SMS-MW-2		SMS-MW-2		SMS-MW-2	
Laboratory ID	Groundwater	E0136-20B				E0203-03				E0153-03C		E1376-16C		F1135-05C		E0136-03B		E1376-17C		F1135-13C	
Sample Date	Criteria	2/9/06				2/23/06				2/10/06		9/12/06		8-14-07		2/7/06		9/12/06		8-15-07	
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
Aluminum	NC	28.8	BE	NA		77	B	NA		236	E	319		4,360		1,930	E	6,060		3,440	
Antimony	3	ND		NA		***4***	B	NA		***3.3***	B	ND		***12.6***	***B***	2.2	B	ND		***8.9***	***B***
Arsenic	25	ND		NA		2	B	NA		3.5	B	ND		ND		2.6	B	4.4	B	ND	
Barium	1,000	34.1	B	NA		88	B	NA		48.7	B	71.5	B	91	B	28.2	B	63.2	B	78.9	B
Beryllium	3	ND		NA		0	B	NA		ND		ND		0.48	B	ND		0.27	B	0.3	B
Cadmium	5	1.0	B	NA		ND		NA		0.7	B	0.19	B	0.39	B	4.1	B	3.2	B	3.9	B
Calcium	NC	13,300	E	NA		22,400		NA		24,000		19,500		20,100		13,100	E	18,300		19,700	
Chromium	50	3.4	B	NA		8	B	NA		9.6	B	2.7	B	18	B	12.1	B	16.9	B	12.6	B
Cobalt	NC	4.4	BE	NA		1	B	NA		2.5	B	1.2	B	9.3	B	2.4	BE	3.7	B	4.4	B
Copper	200	8.9	B	NA		5	B	NA		16.8	B	ND		33.8		43.0		35.6		37	
Iron	300	***3,650***	NE	NA		***2,670***		NA		***30,000***	E	***12,500***		***110,000***		***28,100***	NE	***25,100***		***40,400***	
Lead	25	0.9	B	NA		4	B	NA		3.2	B	0.95	B	17.3		***135***		***128***		***197***	
Magnesium	35,000	2,000	E	NA		3,780		NA		4,610	E	3,370		4,230		3,380	E	4,660		4590	
Manganese	300	***684***	E	NA		200		NA		226	E	126		***585***		221	E	***715***		***1080***	
Mercury	2	ND		NA		ND		NA		ND		ND		0.066	B	ND		ND		0.055	B
Nickel	NC	4.3	B	NA		9	B	NA		13.9	B	4.8	B	19.8	B	13.6	B	14	B	10.9	B
Potassium	NC	2,810		NA		9,610		NA		7,940		9,380		4,450		4,210		6,750		14,100	
Selenium	10	3.3	B	NA		2	B	NA		ND		ND		***29.5***	***B***	5.1	B	ND		***14.5***	***B***
Silver	50	ND		NA		2	B	NA		ND		ND		ND		ND		ND		ND	
Sodium	20,000	17,300	E	NA		18,400		NA		***28,400***		***27,200***		***73,900***		8,240	E	16,500		***20,100***	
Thallium	0.5	***4.3***	B	NA		***3***	B	NA		ND		ND		***18.5***	***B***	***1.2***	B	ND		***2.5***	***B***
Vanadium	NC	0.9	B	NA		ND		NA		1.3	B	0.85	B	9.3	B	11.1	B	18.8	B	14.6	B
Zinc	300	53	E	NA		126		NA		55		87		234		***4,620***	E	***2,720***		***3,360***	

Notes:
B - Estimated value
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ND - Not Detected
NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-3		MW-3		MW-3		MW-4		MW-4		MW-4		MW-5		MW-5		MW-5	
Sample ID	Class GA	SMS-MW-3		SMS-MW-3		SMS-MW-3		SMS-MW-4		SMS-MW-4		SMS-MW-4		SMS-MW-5		SMS-MW-5		SMS-MW-5	
Laboratory ID	Groundwater	E0153-05C		E1376-12C		F1135-12C		E0153-01C		E1376-14C		F1135-14C		E0136-19C		E1376-03C		F1135-03C	
Sample Date	Criteria	2/10/06		9-12-06		8-15-07		2/9/06		9/12/06		8-15-07		2/9/06		9/11/06		8-14-07	
Matrix	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	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Aluminum	NC	886	E	1,860		1860		139	BE	114	B	876		284	E	1140		583	
Antimony	3	2.3	B	ND		***8.6***	***B***	***4.7***	B	2.5	B	***11.2***	***B***	1.7	B	2	B	***8.8***	***B***
Arsenic	25	2.2	B	3	B	ND		ND		ND		ND		6.9	B	5.5	B	2	B
Barium	1,000	72.7	B	49.8	B	56.9	B	31.8	B	26	B	64	B	22.3	B	39.2	B	199	B
Beryllium	3	ND		ND		0.16	B	ND		ND		ND		ND		ND		0.16	B
Cadmium	5	1.6	B	1	B	1.3	B	0.5	B	ND		ND		***5.8***		3.4	B	***8.4***	
Calcium	NC	32,500		25,000		23,000		16,300		25,400		21,400		10,500	E	15,100		21,600	
Chromium	50	15.4	B	10.6	B	12.6	B	2.4	B	2.3	B	5.7	B	8.8	B	18.1	B	17.5	B
Cobalt	NC	3.6	B	2.2	B	4.4	B	2.1	B	0.79	B	3.2	B	2.3	BE	2.4	B	5	B
Copper	200	29.8	B	21.6	B	27.1	B	ND		ND		ND		30.9		30	B	24.5	B
Iron	300	***26,700***	E	***20,400***		***46,400***		***47,800***	E	***23,800***		***78,200***		***44,700***	NE	***23,400***		***61,000***	
Lead	25	6.8	B	4.3	B	9.5	B	1.5	B	ND		4.5	B	4.2	B	7.9	B	8.4	B
Magnesium	35,000	4,790	E	3,630		3,550		3,020	E	1,500		1,470		1,560	E	2,500		3,570	
Manganese	300	***399***	**E**	***502***		***910***		***544***	E	210		***686***		291	E	***551***		***548***	
Mercury	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nickel	NC	18.5	B	8.5	B	12.3	B	6.6	B	2.1	B	5.3	B	13.4	B	12.8	B	13.7	B
Potassium	NC	10,300		7,410		9,170		2,370		5,600		5,690		2,240		3,100		3050	
Selenium	10	ND		ND		***15.2***	***B***	3.5	B	ND		***14.1***	***B***	6.3	B	ND		***13.4***	***B***
Silver	50	1.6	B	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	20,000	16,900		20,000		12,700		6,310		3,990		3,600		3,670	E	5,230		12,600	
Thallium	0.5	ND		ND		***4.7***	***B***	ND		ND		***9.7***	***B***	ND		ND		***9.4***	***B***
Vanadium	NC	3.5	B	5.2	B	4.6	B	2.1	B	2.5	B	5.1	B	4.3	B	7.3	B	8.1	B
Zinc	300	66		53		59.8		35	B	32	B	42.5	B	44	BE	40	B	40.6	B

Notes:
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TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-6D		MW-6D		MW-6D		MW-6S		MW-6S		MW-6S		MW-7		MW-7		MW-7	
Sample ID	Class GA	SMS-MW-6D		SMS-MW-6D		SMS-MW-6D		SMS-MW-6S		SMS-MW-6S		SMS-MW-6S		SMS-MW-7		SMS-MW-7		SMS-MW-7	
Laboratory ID	Groundwater	E0136-17C		E1376-05C		F1135-02C		E0136-13B		E1376-01C		F1135-01C		E0153-07C		E1376-07C		F1135-04C	
Sample Date	Criteria	2/9/06		9/11/06		8-14-07		2/8/06		9-11-06		8-14-07		2/10/06		9-11-06		8-14-07	
Matrix	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	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Aluminum	NC	2,340	E	197	B	416		2,740	E	2790		8,920		161	BE	816		410	
Antimony	3	2.3	B	2.3	B	***6.2***	***B***	2.0	B	ND		***6.2***	***B***	***3.5***	B	ND		***8***	***B***
Arsenic	25	5.1	B	1.7	B	ND		8.1	B	5.8	B	12.1	B	4.0	B	3.3	B	ND	
Barium	1,000	52.1	B	60	B	16.5	B	44.2	B	52.4	B	86.7	B	30.2	B	39.3	B	62.6	B
Beryllium	3	ND		ND		ND		0.2	B	0.45	B	1	B	0.2	B	0.16	B	0.22	B
Cadmium	5	4.1	B	0.37	B	0.76	B	3.3	B	1.4	B	2.6	B	2.2	B	1.7	B	2.2	B
Calcium	NC	24,000	E	22,400		13,700		54,000	E	27,300		30,300		20,400		21,800		26,200	
Chromium	50	16.7	B	6.7	B	4.9	B	15.0	B	16.4	B	***111***		10.1	B	12.6	B	7.7	B
Cobalt	NC	28.2	BE	54.1		10.8	B	21.2	BE	10.8	B	22	B	2.8	B	2	B	4.8	B
Copper	200	74.5		9.3	B	20.7	B	70.4		45.8		135		19.6	B	14.3	B	ND	
Iron	300	***72,300***	NE	***9,810***		***39,300***		***17,700***	NE	***8,790***		***40,400***		***72,000***	E	***60,300***		***96,100***	
Lead	25	21.7		ND		4.7	B	20.5		12.1		***58.1***		1.4	B	2.9	B	4.6	B
Magnesium	35,000	5,140	E	5,780		1,210		13,700	E	8,340		9,290		3,910	E	4,380		3,900	
Manganese	300	***593***	E	276		256		***869***	E	223		***732***		***445***	E	***592***		***696***	
Mercury	2	ND		ND		ND		ND		ND		0.3		ND		ND		ND	
Nickel	NC	25.8	B	12.9	B	12.7	B	21.1	B	9.6	B	24.8	B	15.4	B	9.7	B	9	B
Potassium	NC	3,180		3,480		2,790		4,710		2,720		3,530		3,230		3,900		6,600	
Selenium	10	***12.5***	B	ND		3.9	B	5.9	B	ND		***24.5***	***B***	3.9	B	ND		***17.9***	***B***
Silver	50	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	20,000	13,100	E	***31,100***		***16,000***		16,800	E	8,450		5,530		10,200		15,400		16,800	
Thallium	0.5	ND		ND		***10.6***	***B***	***6.4***	B	***1.8***	B	***7.9***	***B***	ND		ND		***17.6***	***B***
Vanadium	NC	9.8	B	1.1	B	1.5	B	13.5	B	14.2	B	41.1	B	3.6	B	8.2	B	5.6	B
Zinc	300	225	E	113		76.2		***3,280***	E	***608***		***1,390***		36	B	47	B	39	B

Notes:
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ND - Not Detected
NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-8		MW-8		MW-8		MW-9		MW-9		MW-9		MW-11		MW-11		MW-11	
Sample ID	Class GA	SMS-MW-8		SMS-MW-8		SMS-MW-8		SMS-MW-9		SMS-MW-9		SMS-MW-9		SMS-MW-11		SMS-MW-11		SMS-MW-11	
Laboratory ID	Groundwater	E0136-01B		E1376-02C		F1135-07C		E0136-02C		E1376-15C		F1135-06C		E0136-05C		E1400-06C			
Sample Date	Criteria	2/7/06		9-11-06		8-14-07		2/7/06		9-12-06		8-14-07		2/8/06		9-13-06		Aug 2007	
Matrix	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	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Aluminum	NC	194	BE	161	B	120	B	50.6	BE	21.9	B	40.8	B	44.9	BE	159	B	NA	
Antimony	3	2.8	B	ND		***8.9***	***B***	2.3	B	ND		***6.7***	***B***	ND		ND		NA	
Arsenic	25	5.6	B	ND		ND		3.0	B	2.1	B	2.5	B	ND		ND		NA	
Barium	1,000	43.4	B	39.6	B	61.3	B	35.1	B	25.7	B	34.4	B	19.8	B	25.6	B	NA	
Beryllium	3	ND		ND		ND		ND		ND		ND		ND		ND		NA	
Cadmium	5	1.2	B	0.11	B	ND		0.7	B	0.12	B	ND		0.2	B	0.23	BE	NA	
Calcium	NC	24,500	E	27,200		25,000		9,130	E	16,400		29,200		13,200	E	14,400		NA	
Chromium	50	31.7		9.9	B	26.1		38.5		6.3	B	5.4	B	1.5	B	0.99	BE	NA	
Cobalt	NC	3.4	BE	1.1	B	7.3	B	2.0	BE	0.66	B	4.4	B	1.4	BE	0.57	B	NA	
Copper	200	72.7		9.6	B	18.4	B	34.7		ND		ND		9.9	B	ND		NA	
Iron	300	***107,000***	NE	***15,900***		***71,400***		***78,300***	NE	***21,700***		***57,100***		***12,000***	NE	***11,800***		NA	
Lead	25	7.0	B	ND		3	B	3.9	B	ND		2.9	B	ND		3.5	B	NA	
Magnesium	35,000	3,870	E	3,520		4,960		1,530	E	2,560		4,860		1,800	E	2,030	E	NA	
Manganese	300	***456***	E	82.1		236		***339***	E	82.2		***520***		177	E	201	*E	NA	
Mercury	2	ND		ND		ND		ND		ND		ND		ND		ND		NA	
Nickel	NC	40.3	B	9.8	B	26.3	B	35.3	B	4.8	B	8.4	B	4.2	B	3.3	B	NA	
Potassium	NC	6,370		6,970		13,400		5,400		3,990		4,540		3,730		3,040		NA	
Selenium	10	9.9	B	ND		***20.6***	***B***	7.1	B	ND		***14.2***	***B***	1.6	B	1.7	B	NA	
Silver	50	ND		ND		ND		ND		ND		ND		ND		ND		NA	
Sodium	20,000	***23,400***	E	***26,000***		***26,400***		11,400	E	11,400		12,000		14,800	E	9,370		NA	
Thallium	0.5	ND		ND		***13.5***	***B***	ND		ND		***9.2***	***B***	***1.5***	B	***2.9***	B	NA	
Vanadium	NC	2.5	B	1	B	0.51	B	1.7	B	1.7	B	1.6	B	ND		3.2	B	NA	
Zinc	300	96	E	31	B	68.6		34	BE	22	B	18.1	B	56	E	21	B	NA	

Notes:
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TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-12		MW-12		MW-12		MW-13		MW-13		MW-13		MW-13D		MW-13D		MW-13D	
Sample ID	Class GA	SMS-MW-12		SMS-MW-12		SMS-MW-12		SMS-MW-13		SMS-MW-13		SMS-MW-13		SMS-MW-13D		SMS-MW-13D		SMS-MW-13D	
Laboratory ID	Groundwater	E0136-06B		E1400-05C		F1159-04C		E0136-07B		E1400-01C		F1159-03C		E0136-09C		E1400-02C		F1135-19C	
Sample Date	Criteria	2/8/06		09-13-06		08-17-07		2/8/06		09-13-06		8-17-07		2/8/06		09-13-06		08-16-07	
Matrix	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	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Aluminum	NC	48.8	BE	55.8	B	165	B	82.6	BE	84	B	66.4	B	53.0	BE	82	B	24.5	B
Antimony	3	ND		ND		2.5	B	ND		ND		***4.7***	B	ND		ND		***8.3***	***B***
Arsenic	25	ND		3.5	B	ND		3.2	B	3.3	B	ND		ND		ND		ND	
Barium	1,000	9.2	B	29.7	B	36.9	B	103	B	39.4	B	29.2	B	67.2	B	69.6	B	76.9	B
Beryllium	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Cadmium	5	0.3	B	0.4	BE	1.3	B	1.4	B	0.89	BE	1.7	B	***72.8***		***72.8***	E	***65.5***	
Calcium	NC	8,410	E	16,700		16,000		30,200	E	11,500		6,280		12,900	E	13,300		13,100	
Chromium	50	2.1	B	2.1	BE	0.86	B	3.1	B	1.9	BE	3.4	B	7.8	B	5	BE	1.7	B
Cobalt	NC	1.4	BE	1	B	3.7	B	5.6	BE	2.3	B	5.3	B	1.1	BE	0.81	B	0.87	B
Copper	200	10.2	B	6.4	B	6.4	B	11.5	B	9.3	B	ND		32.9		19.6	B	15.3	B
Iron	300	***6,600***	NE	***19,700***		***23,000***		***52,600***	NE	***15,400***		***40,200***		***746***	NE	210		241	
Lead	25	1.0	B	3.2	B	1.8	B	1.0	B	2.3	B	0.84	B	0.8	B	1.7	B	ND	
Magnesium	35,000	1,210	E	2,190	E	2,180		3,260	E	1,230	E	1,020		7,790	E	8,300	E	8,340	
Manganese	300	249	E	***956***	*E	***854***		***867***	E	186	*E	***401***		12	BE	5.9	B*E	6.3	B
Mercury	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nickel	NC	5.0	B	3.6	B	4.5	B	9.3	B	3.6	B	6	B	15.1	B	11.2	B	9.2	B
Potassium	NC	7,140		2,970		3,330		11,200		14,600		15,800		2,430		2,440		2,960	
Selenium	10	1.3	B	ND		8.3	B	2.2	B	1.9	B	3.3	B	3.3	B	2.2	B	***10.7***	***B***
Silver	50	ND		1.8	B	ND		ND		1.8	B	ND		ND		ND		1.4	B
Sodium	20,000	10,100	E	5,050		4,120		19,900	E	15,000		12,400		***27,500***	E	***28,700***		***31,800***	
Thallium	0.5	***2.0***	B	***2.4***	B	ND		***4.4***	B	***4***	B	***7.8***	***B***	ND		ND		ND	
Vanadium	NC	ND		4.2	B	ND		0.8	B	3.4	B	ND		ND		1.1	B	ND	
Zinc	300	45	BE	23	B	37.4	B	88	E	38	B	85.7		72	E	74		67.2	

Notes:
B - Estimated value
Bold/Italics - Exceeds criterion
E - result is estimated due to interference or exceedance of the calibrated range
ND - Not Detected
NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-14		MW-14		MW-14		MW-15		MW-15		MW-15		MW-16D		MW-16D		MW-16D	
Sample ID	Class GA	SMS-MW-14		SMS-MW-14		SMS-MW-14		SMS-MW-15		SMS-MW-15		SMS-MW-15		SMS-MW-16D		SMS-MW-16D		SMS-MW-16D	
Laboratory ID	Groundwater	E0136-08B		E1400-07C		F1135-18C		E0136-11B		E1376-11C		F1135-17C		E0136-16C		E1400-03C		F1135-09C	
Sample Date	Criteria	2/8/06		09-13-06		08-16-07		2/8/06		09-12-06		08-16-07		2/9/06		09-13-06		08-13-07	
Matrix	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	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Aluminum	NC	334.0	E	154	B	1,040		43.2	BE	199	B	37.9	B	29.0	BE	97.3	B	45.2	B
Antimony	3	ND		ND		***15.7***	***B***	ND		ND		***9.6***	***B***	ND		ND		2.5	B
Arsenic	25	ND		11.4	B	ND		ND		2	B	1.6	B	ND		ND		1.6	B
Barium	1,000	15.9	B	35.1	B	78.7	B	12.4	B	19.4	B	24.8	B	51.9	B	48.3	B	45.6	B
Beryllium	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Cadmium	5	0.9	B	0.21	BE	2.7	B	4.1	B	0.85	B	ND		***23.4***		***11.8***	E	***5.1***	
Calcium	NC	12,100	E	21,800		16,500		13,800	E	12,800		20,100		18,200	E	18,500		19,100	
Chromium	50	1.7	B	1.4	BE	2.9	B	9.8	B	***275***		18.1	B	34.6		41.6	E	44.9	
Cobalt	NC	1.0	BE	ND		4.6	B	1.1	BE	2.6	B	1.3	B	1.3	BE	0.87	B	1.4	B
Copper	200	12.8	B	ND		ND		9.5	B	10.5	B	ND		17.0	B	ND		ND	
Iron	300	***27,100***	NE	***48,000***		***296,000***		276	NE	***1,730***		228		262	NE	232		234	
Lead	25	2.6	B	4.3	B	12.7		2.3	B	2.6	B	ND		2.5	B	1.2	B	0.88	B
Magnesium	35,000	1,610	E	2520	E	2,470		2,260	E	2320		4,210		3,250	E	3,430	E	3,530	
Manganese	300	287	E	***910***	*E	***1,290***		28	BE	175		19.3	B	60.7	E	196	*E	51.6	
Mercury	2	ND		ND		0.052	B	ND		ND		ND		ND		ND		ND	
Nickel	NC	6.1	B	3	B	13.3	B	6.9	B	24.9	B	3	B	10.6	B	11.3	B	6.7	B
Potassium	NC	2,460		4,990		8,340		3,330		3470		6,850		5,280		5,040		5,260	
Selenium	10	ND		ND		***41.2***		ND		ND		***19.6***	***B***	ND		ND		9.5	B
Silver	50	ND		3.5	B	ND		ND		ND		1.6	B	ND		ND		1.8	B
Sodium	20,000	2,230	E	8710		6,000		9,790	E	11,000		15,600		15,600	E	16,000		16,700	
Thallium	0.5	ND		***2.6***	B	***64.8***		ND		ND		ND		ND		ND		ND	
Vanadium	NC	2.2	B	9.8	B	4.5	B	ND		1.2	B	ND		ND		0.89	B	ND	
Zinc	300	29	BE	42	B	60.8		20	BE	30	B	20.1	B	61	E	40	B	20.5	B

Notes:
B - Estimated value
Bold/Italics - Exceeds criterion
E - result is estimated due to interference or exceedance of the calibrated range
ND - Not Detected
NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY, SEPTEMBER 2006 AND AUGUST 2007 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-16M		MW-16M		MW-16M		MW-16S		MW-16S		MW-16S		MW-17		MW-17		MW-17	
Sample ID	Class GA	SMS-MW-16M		SMS-MW-16M		SMS-MW-16M		SMS-MW-16S		SMS-MW-16S		SMS-MW-16S		SMS-MW-17		SMS-MW-17		SMS-MW-17	
Laboratory ID	Groundwater	E0136-15C		E1376-10C		F1135-10C		E0136-12B		E1376-09C		F1135-16C		E0136-18C		E1376-04C		F1135-15C	
Sample Date	Criteria	2/9/06		09-12-06		08-13-07		2/8/06		09-12-06		08-16-07		2/9/06		09-11-06		08-16-07	
Matrix	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	
		conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q	conc	Q
Aluminum	NC	203	E	94.2	B	55	B	135	BE	69.2	B	51.6	B	72.0	BE	34.3	B	19.6	B
Antimony	3	1.3	B	ND		***4.5***	***B***	ND		ND		1.2	B	2.6	B	2.3	B	***10***	***B***
Arsenic	25	ND		2.2	B	4.7	B	ND		ND		ND		ND		ND		3.7	B
Barium	1,000	97.9	B	93.6	B	97.5	B	46.1	B	18.7	B	18.2	B	22.8	B	28.4	B	29.1	B
Beryllium	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Cadmium	5	4.0	B	2.3	B	0.22	B	***17.4***		3	B	0.47	B	3.1	B	0.65	B	0.16	B
Calcium	NC	23,900	E	19,200		21,900		27,900	E	17,800		25,200		13,900	E	17,200		24,800	
Chromium	50	25.4		45.9		10.3	B	31.3		***117***		***95.7***		14.8	B	11.3	B	9	B
Cobalt	NC	2.5	BE	8	B	2.6	B	2.3	BE	2.1	B	3.6	B	1.6	BE	1.1	B	2	B
Copper	200	26.6	B	ND		ND		17.6	B	ND		ND		12.7	B	7.1	B	ND	
Iron	300	***458***	NE	***814***		***375***		***480***	NE	***433***		***587***		***645***	NE	284		220	
Lead	25	1.5	B	0.58	B	ND		2.0	B	ND		ND		1.3	B	ND		ND	
Magnesium	35,000	2,650	E	2,950		2,940		4,920	E	3,270		3,920		1,930	E	1,160		1,830	
Manganese	300	34.0	BE	***536***		29	B	251	E	108		173		77.9	E	109		113	
Mercury	2	ND		ND		ND		ND		0.1	B	ND		0.1	B	ND		ND	
Nickel	NC	12.4	B	46.9	B	27.9	B	28.6	B	47.7	B	37.9	B	15.6	B	5.7	B	2.8	B
Potassium	NC	12,300		9,340		10,000		5,460		5,630		4,870		2,760		3,960		3,220	
Selenium	10	ND		ND		***13.2***	***B***	ND		ND		***12.7***	***B***	ND		ND		***13.6***	***B***
Silver	50	ND		ND		2.1	B	ND		ND		1.8	B	ND		ND		2.1	B
Sodium	20,000	17,500	E	15,300		17,900		12,100	E	14,100		17,300		5,940	E	2,690		6,680	
Thallium	0.5	***2.1***	B	***1.5***	B	ND		***2.2***	B	ND		ND		ND		ND		ND	
Vanadium	NC	0.6	B	0.71	B	ND		0.5	B	0.8	B	1	B	2.1	B	2.4	B	1.7	B
Zinc	300	106	E	31	B	31.7	B	67	E	18	B	17.4	B	43	BE	19	B	18.8	B

Notes:
B - Estimated value
Bold/Italics - Exceeds criterion
E - result is estimated due to interference or exceedance of the calibrated range
ND - Not Detected
NA - Not Analyzed

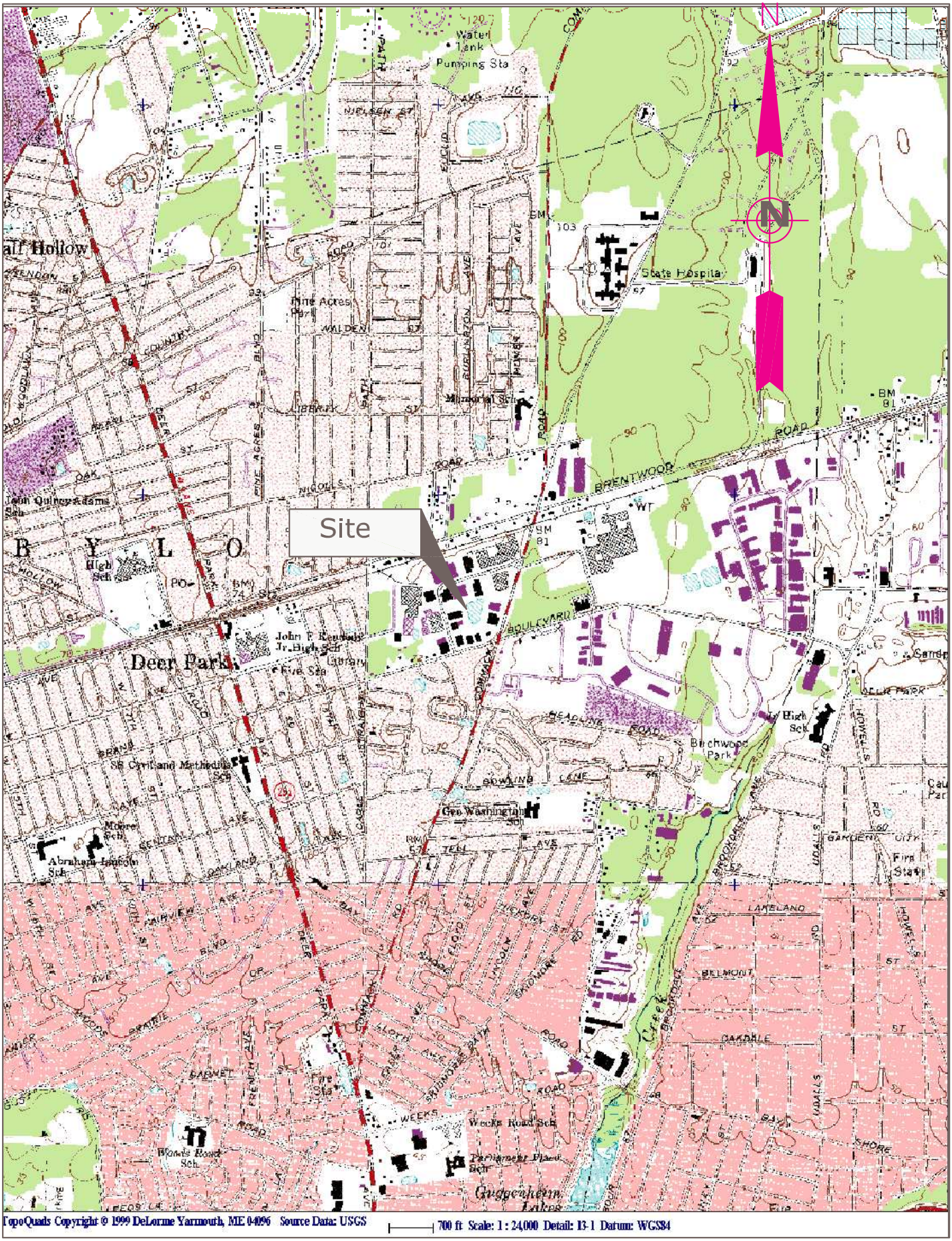
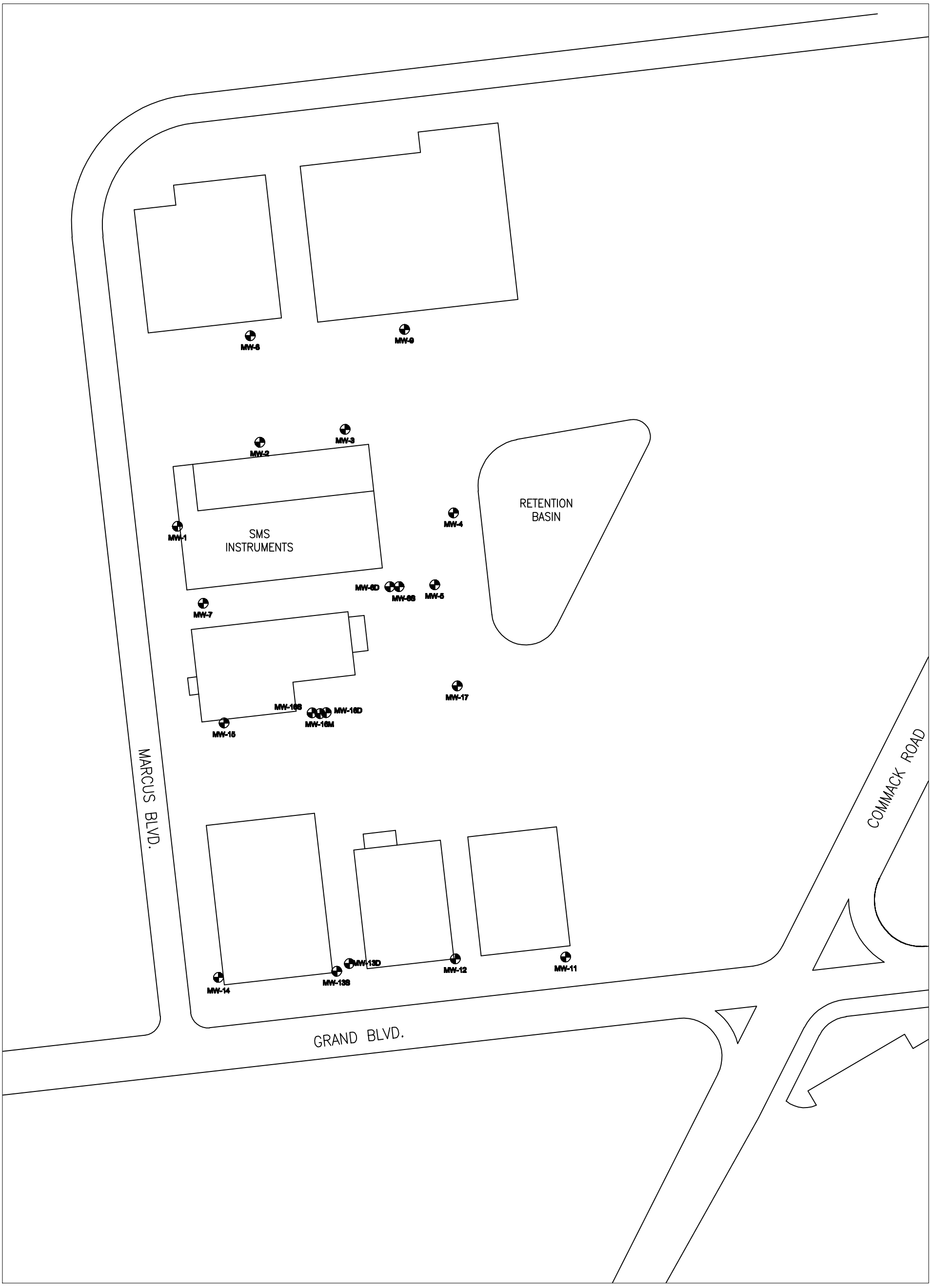


Figure 1 - Site Location Map

SMS Instruments, Inc.



LEGEND:

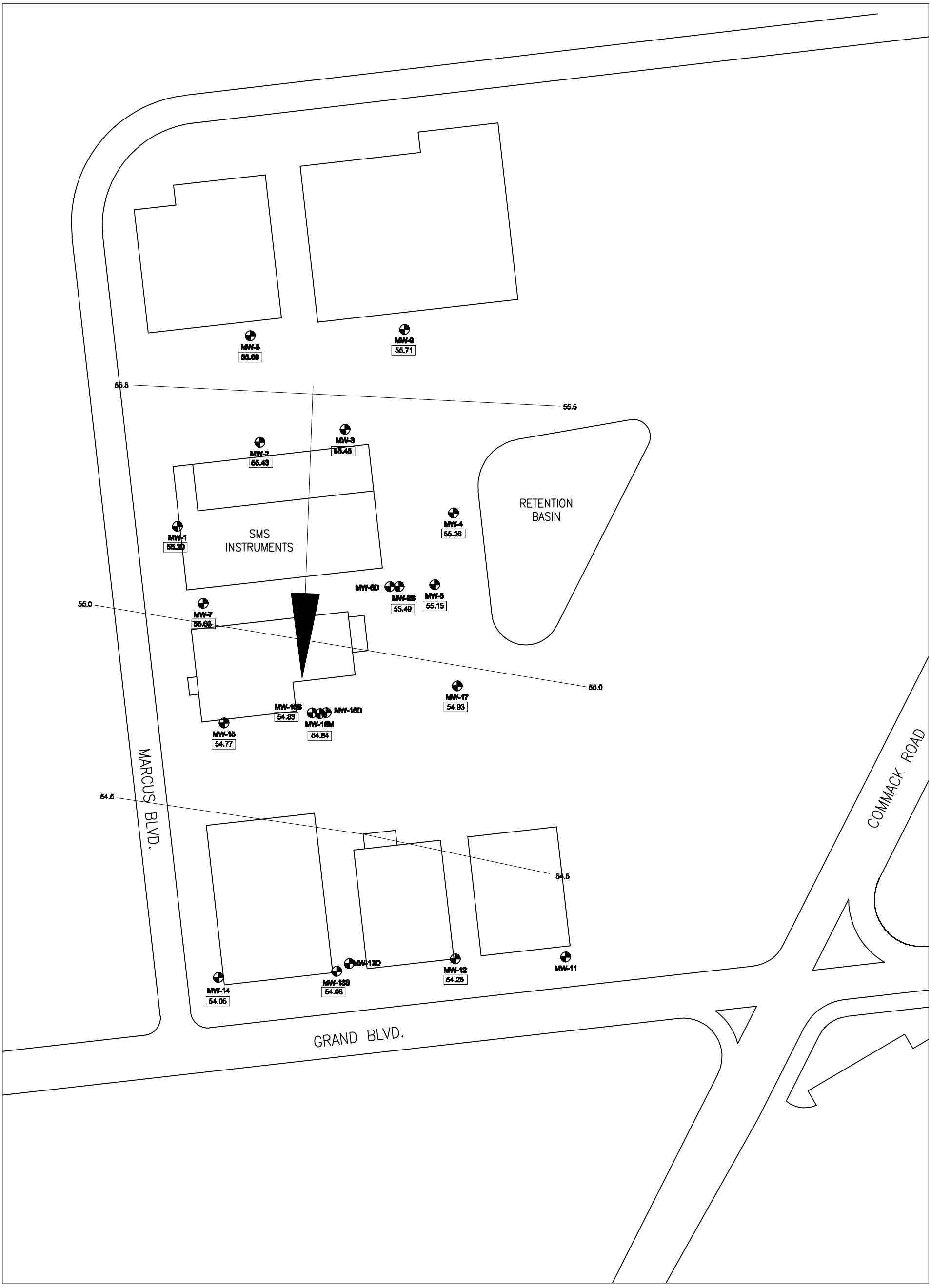
MW-14 EXISTING MONITORING WELLS

GRAPHIC SCALE

50 0 50 100 150

Prepared by : EarthTech, A Tyco International Ltd. Company

SUBMITTED BY : PK	MULTI SITE G - SMS INSTRUMENTS SITE SITE NO. 1-52-026		
DRAWN BY : MKC	**SITE PLAN**		
APPROVED BY : PK	DATE : NOVEMBER 2007	SCALE : AS SHOWN	DRAWING NO. : 2



LEGEND:

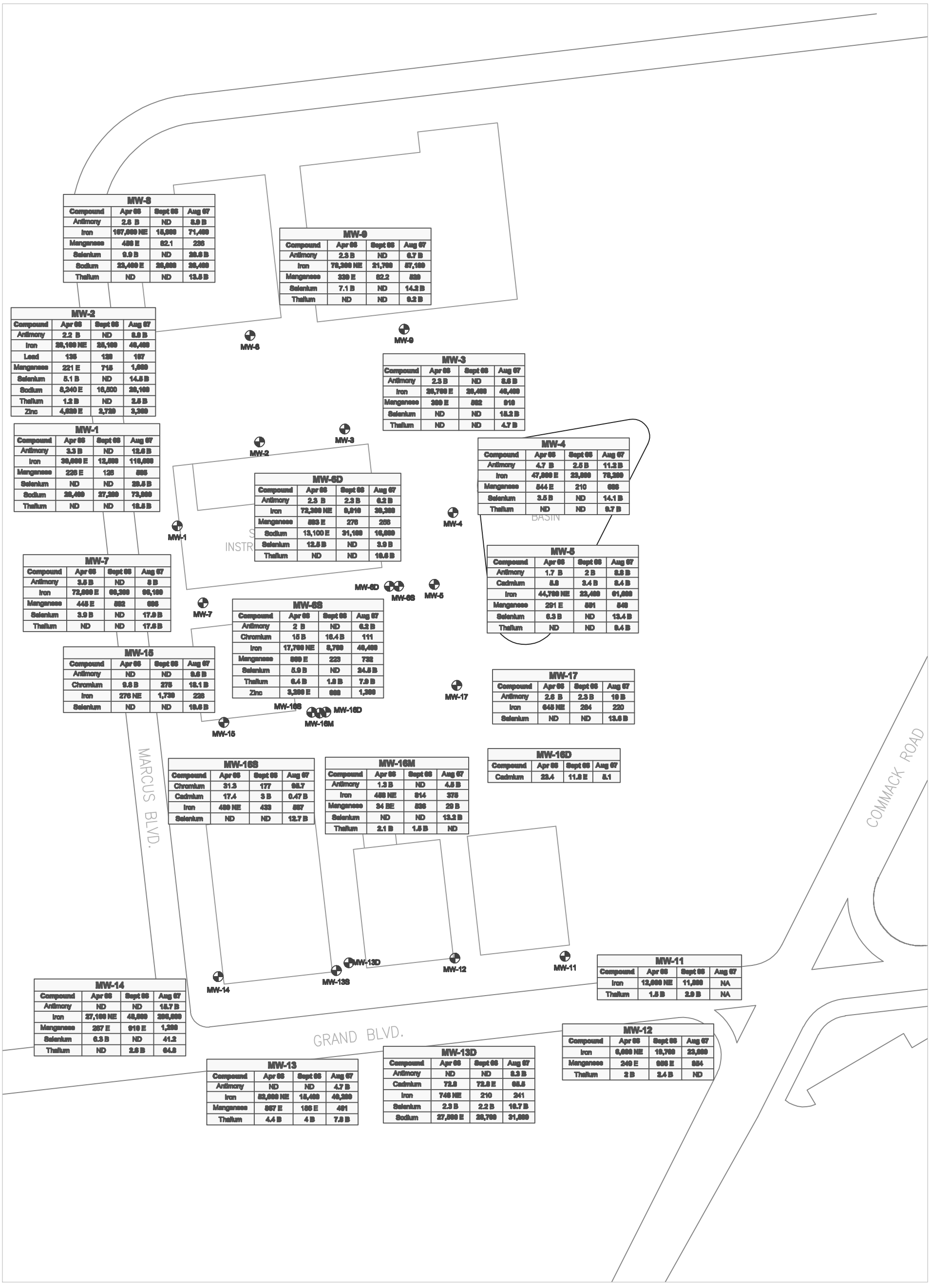
- MW-14 — EXISTING MONITORING WELLS
- 55.03 — GROUNDWATER ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL
- — 55.0 — GROUNDWATER ISOPLETH CONTOUR INTERVAL - 0.5 ft
- DIRECTION OF GROUNDWATER FLOW

GRAPHIC SCALE

50 0 50 100 150

Prepared by : EarthTech, A Tyco International Ltd. Company

SUBMITTED BY : PK	MULTI SITE G - SMS INSTRUMENTS SITE SITE NO. 1-52-026
DRAWN BY : MKC	**GROUNDWATER CONTOUR MAP**
APPROVED BY : PK	DATE : NOVEMBER 2007 / SCALE : AS SHOWN / DRAWING NO. : 3



LEGEND:

MW-14 — EXISTING MONITORING WELLS

NOTES:

1. ALL UNITS IN ug/L
2. BOLD INDICATES EXCEEDANCE OF NYSDEC GROUNDWATER STANDARDS
3. ND - NOT DETECTED
4. NA - NO SAMPLE COLLECTED

GRAPHIC SCALE

50 0 50 100 150

Prepared by : EarthTech, A Tyco International Ltd. Company

SUBMITTED BY : PK

DRAWN BY : MKC

APPROVED BY : PK

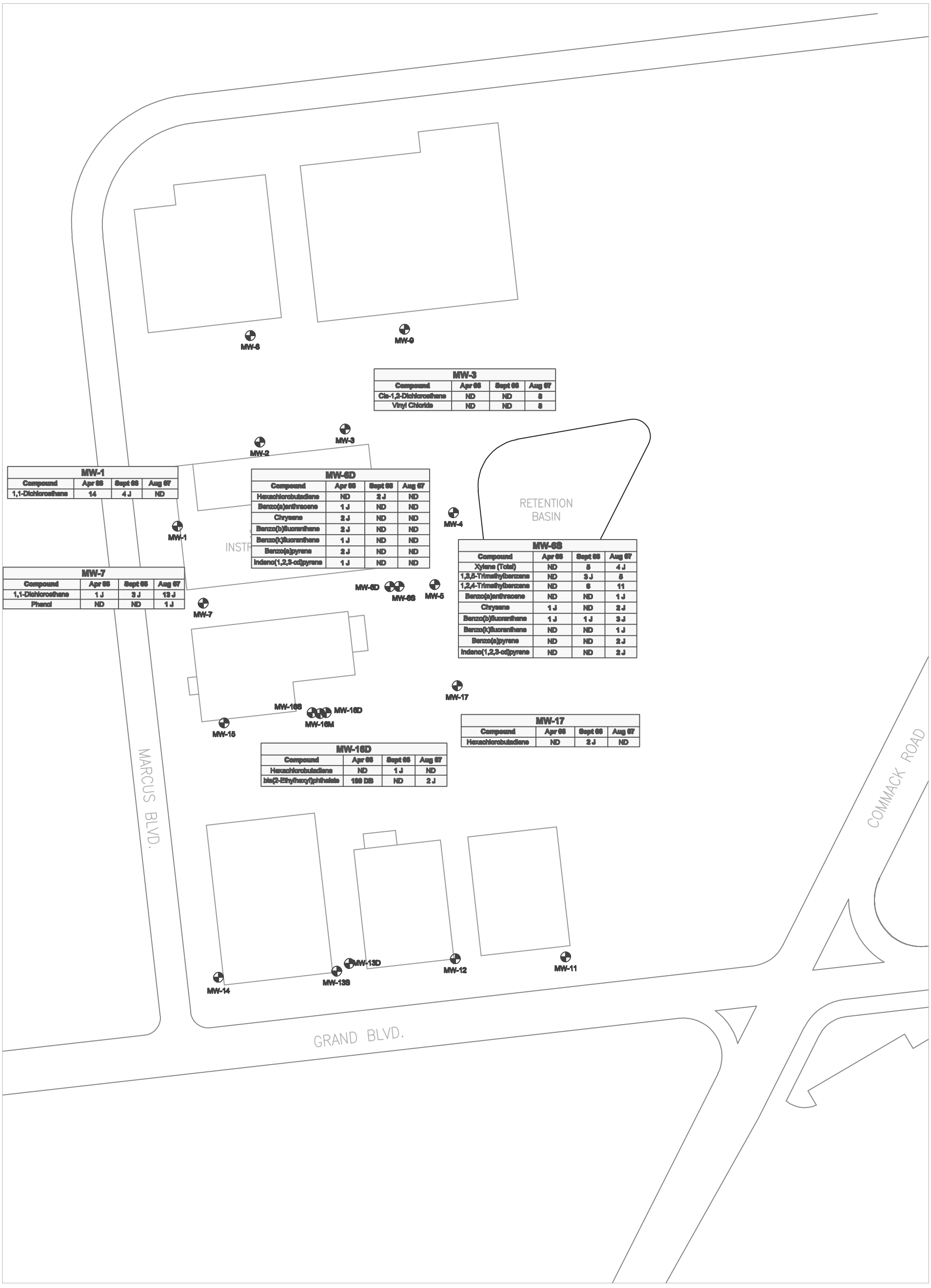
MULTI SITE G - SMS INSTRUMENTS SITE
SITE NO. 1-52-026

METAL EXCEEDANCE IN GROUNDWATER

DATE : NOVEMBER 2007

SCALE : AS SHOWN

DRAWING NO. : 4



MW-3			
Compound	Apr 06	Sept 06	Aug 07
Cis-1,2-Dichloroethene	ND	ND	8
Vinyl Chloride	ND	ND	8

MW-1			
Compound	Apr 06	Sept 06	Aug 07
1,1-Dichloroethane	14	4 J	ND

MW-6D			
Compound	Apr 06	Sept 06	Aug 07
Hexachlorobutadiene	ND	2 J	ND
Benzo(a)anthracene	1 J	ND	ND
Chrysene	2 J	ND	ND
Benzo(b)fluoranthene	2 J	ND	ND
Benzo(k)fluoranthene	1 J	ND	ND
Benzo(a)pyrene	2 J	ND	ND
Indeno(1,2,3-cd)pyrene	1 J	ND	ND

MW-6S			
Compound	Apr 06	Sept 06	Aug 07
Xylene (Total)	ND	5	4 J
1,2,5-Trimethylbenzene	ND	3 J	5
1,2,4-Trimethylbenzene	ND	6	11
Benzo(a)anthracene	ND	ND	1 J
Chrysene	1 J	ND	2 J
Benzo(b)fluoranthene	1 J	1 J	3 J
Benzo(k)fluoranthene	ND	ND	1 J
Benzo(a)pyrene	ND	ND	2 J
Indeno(1,2,3-cd)pyrene	ND	ND	2 J

MW-7			
Compound	Apr 06	Sept 06	Aug 07
1,1-Dichloroethane	1 J	3 J	13 J
Phenol	ND	ND	1 J

MW-17			
Compound	Apr 06	Sept 06	Aug 07
Hexachlorobutadiene	ND	2 J	ND

MW-16D			
Compound	Apr 06	Sept 06	Aug 07
Hexachlorobutadiene	ND	1 J	ND
bis(2-Ethylhexyl)phthalate	190 DB	ND	2 J

LEGEND:

MW-14 — EXISTING MONITORING WELLS

NOTES:

1. ALL UNITS IN ug/L
2. BOLD INDICATES EXCEEDANCE OF NYSDEC GROUNDWATER STANDARDS
3. ND - NOT DETECTED
4. NA - NO SAMPLE COLLECTED

GRAPHIC SCALE

50 0 50 100 150

Prepared by : EarthTech, A Tyco International Ltd. Company

SUBMITTED BY : PK

DRAWN BY : MKC

APPROVED BY : PK

MULTI SITE G - SMS INSTRUMENTS SITE
SITE NO. 1-52-026

VOCs & SVOCs EXCEEDANCE IN GROUNDWATER

DATE : NOVEMBER 2007

SCALE : AS SHOWN

DRAWING NO. : 5

APPENDIX A

WELL SAMPLING FORMS – ROUND 3 (AUGUST 2007)

EarthTech
A tyco International Ltd. Company

WELL NO. MW-1

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/14/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 2.09 WELL TD: 30.3 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS				REMARKS
			Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	
10:15	17.98	2	16	0.431	6.88	596	brown/rust
10:21	18.7	2	14.9	0.401	6.22	693	brown/rust
10:27	18.75	2	14.7	0.376	6.17	999	brown/rust
10:32	19.06	2	14.6	0.359	6.19	504	light brown

Sampled: 10:40
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
A tyco International Ltd. Company

WELL NO. MW-2

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED:		DATE WELL COMPLETED:
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Dan Simpson, Dan Powierski	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : 1.9 WELL TD: 28.54 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS				REMARKS
			Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	
8:45	16.91	2	16.4	0.248	7.13	748	brown
8:52	16.95	2	16.9	0.206	6.63	684	brown
8:57	16.95	2	15.7	0.218	6.07	371	light brown, turbid
9:00	16.95	2	16	0.206	6.13	717	light brown

Sampled: 9:00
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
A tyco International Ltd. Company

WELL NO. MW-3

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/15/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 1.71 WELL TD: 25.99 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	REMARKS
9:08	15.95	2	16.7	0.224	6.53	325	light brown
9:12	16	2	16.7	0.211	6.42	999	brown
9:16	16.03	2	16.5	0.214	6.48	795	light brown
9:20	16.01	2	16.5	0.215	6.46	806	light brown

Sampled: 9:25
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
A tyco International Ltd. Company

WELL NO. MW-4

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/15/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 2.2 WELL TD: 29.61 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	REMARKS
9:36	16.68	2	18.9	0.131	7.15	999	dark brown, turbid
9:40		2	18.9	0.122	6.71	936	dark brown
9:45		2	18.9	0.122	6.94	788	brown
10:00		2	19.3	0.121	6.82	532	brown

Sampled: 10:00
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

MS/MSD

EarthTech
A tyco International Ltd. Company

WELL NO. MW-5

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED:		DATE WELL COMPLETED:
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Dan Simpson, Dan Powierski	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : 0.83 WELL TD: 20.64 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	REMARKS
11:22	15.72	2	15.4	0.168	7.31	501	brown
11:26	16.01	2	15.8	0.162	6.61	999	light brown
11:30	16	2	16.1	0.164	6.58	999	brown
11:38	16.06	2	15.7	0.167	6.61	999	light brown

Sampled: 11:45
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
A tyco International Ltd. Company

WELL NO. MW-6S

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/14/07		DATE WELL COMPLETED:
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Dan Simpson, Dan Powierski	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : 1.81 WELL TD: 26.2 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	REMARKS
13:50	15.51	1.5	17.5	0.178	8.02	564	light brown
13:55		1.5	17.6	0.176	7.05	916	brown
14:14		1.5	18.2	0.179	6.35	999	brown
14:18		1.5	18	0.173	6.07	892	light brown

Sampled: 14:20
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
A tyco International Ltd. Company

WELL NO. MW-6D

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED:		DATE WELL COMPLETED:
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Dan Simpson, Dan Powierski	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : 52.8 WELL TD: 95.66 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	REMARKS
13:40	15.59	5	17.2	0.185	8.92	999	dark brown/black
13:55	15.58	5	15.2	0.255	6.78	938	brown
14:00	15.58	5	15.1	0.253	6.15	479	light brown
14:12	15.6	5	15	0.25	6.02	345	slight brown appearance

Sampled: 14:14
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

duplicate sample SMS-MW-56d from this well.

EarthTech
A tyco International Ltd. Company

WELL NO. MW-7

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/14/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 1.97 WELL TD: 28.66 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	REMARKS
10:50	17.06	2.2	17.8	0.219	6.8	999	dark brown, sheen
10:55	17.08	2.2	17.1	0.184	6.43	999	brown
11:00	17.12	2.2	16.5	0.202	6.28	999	brown
11:05	17.17	2.2	16.3	0.204	6.27	865	light brown

Sampled: 11:15
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
A tyco International Ltd. Company

WELL NO. MW-8

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/14/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 2.29 WELL TD: 29.05 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS				REMARKS
			Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	
8:45	15.54	2.5	20	0.292	6.08	968	dark brown, very turbid
9:00	16.61	2.5	18.1	0.28	6.08	999	dark brown
9:02	16.61	2.5	17.7	0.284	5.64	998	light brown
9:04	16.64	2.5	17.7	0.27	5.68	951	light brown

Sampled: 9:09
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

Initial water level from 8/13/07 water level round

EarthTech
A tyco International Ltd. Company

WELL NO. MW-9

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/14/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 2.36 WELL TD: 28.75 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	REMARKS
9:21	14.87	2	18	0.183	6.44	501	light brown
9:25	17.45	2	18.3	0.175	5.63	999	brown
9:32	21.2	2	18.3	0.196	6.17	705	light brown
9:39	24.3	2	17.7	0.198	5.81	739	light brown

Sampled: 9:45
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

slow well recharge

EarthTech
A tyco International Ltd. Company

WELL NO. MW-12

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/16/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 20.28 WELL TD: 47.5 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	REMARKS
10:17	16.76	4	17.3	0.113	7.77	700	black
10:14	16.73	4	16.5	0.108	7.36	231	grey
10:20		4	16.3	0.108	7.19	224	light grey
10:24	16.78	4	16	0.107	7.12	212	clear

Sampled: 10:30
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
A tyco International Ltd. Company

WELL NO. MW-13S

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/17/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 19.6 WELL TD: 36.87 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	REMARKS
8:57	17.15	4	17.7	0.129	8.57	214	clear
9:24	17.26	4	16.5	0.255	7.28	326	light brown
9:30	17.32	4	16.8	0.257	7.26	236	clear
9:36	17.33	4	16	0.262	7.14	300	clear

Sampled: 9:45
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
A tyco International Ltd. Company

WELL NO. MW-13D

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/16/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 55.69 WELL TD: 101.4 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS				REMARKS
			Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	
11:23	17.01	4	17.4	0.234	6.4	250	light brown
11:29	19.53	4	15.5	0.235	5.68	199	clear
11:43	21.3	4	16.1	0.233	5.62	181	clear
11:53	17.91	4	15.6	0.234	5.54	201	clear

Sampled: 12:00
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
A tyco International Ltd. Company

WELL NO. MW-14

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/16/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 18.9 WELL TD: 45.88 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	REMARKS
10:40	17.24	4	16.7	0.273	7.15	999	brown/thick
10:45		4	16	0.225	6.9	450	light brown
10:49		4	15.7	0.214	6.52	407	light brown
10:54		4	17.5	0.15	6.99	999	brown

Sampled: 11:00
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
A tyco International Ltd. Company

WELL NO. MW-15

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/16/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 12.32 WELL TD: 36.61 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	REMARKS
10:10	17.94		16.6	0.295	6.51	999	brown
10:14			16.3	0.25	6.52	285	clear
10:18			15.9	0.235	6.48	203	clear
10:22			16.2	0.237	6.39	191	clear

Sampled: 10:25
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
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WELL NO. MW-16S

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/16/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 13.24 WELL TD: 36.87 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS				REMARKS
			Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	
9:40	16.81	3.8	17.4	0.351	6.85	450	clear
9:48		3.8	18	0.224	6.53	222	clear
9:51		3.8	18.3	0.224	6.48	219	clear
9:58		3.8	18.3	0.223	6.46	254	clear

Sampled: 10:00
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
A tyco International Ltd. Company

WELL NO. MW-16M

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET 1 OF SHEETS 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/13/07		DATE WELL COMPLETED:
CLIENT: New York State Department of Environmental Conservation		NAME OF INSPECTOR: Dan Simpson, Dan Powierski	
DRILLING COMPANY:		SIGNATURE OF INSPECTOR:	

ONE WELL VOLUME : 45.68 WELL TD: 56.7 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	REMARKS
14:14	16.75	5	17.5	0.225	8	320	clear
14:24	17.1	5	17.4	0.212	5.92	292	clear
14:35	17.12	5	17	0.209	5.06	274	clear
14:43	17.12	5	17.6	0.21	4.6	196	

Sampled: 14:45
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
A tyco International Ltd. Company

WELL NO. MW-16D

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/13/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 39.65 WELL TD: 76.88 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS				REMARKS
			Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	
15:00	16.79	5	16	0.336	4.48	999	light brown
15:10	16.8	5	16.1	0.245	4.07	207	clear
15:18	16.8	5	15.9	0.247	3.74	227	clear
15:28	16.81	5	16	0.249	3.71	195	clear

Sampled: 15:35
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

EarthTech
A tyco International Ltd. Company

WELL NO. MW-17

WELL SAMPLING FORM	PROJECT: MULTI SITE-G	PROJECT No.	SHEET: 1 OF SHEETS: 1
LOCATION: SMS Instruments Site, Deer Park, NY #1-52-026	DATE WELL STARTED: 8/16/07	DATE WELL COMPLETED:	
CLIENT: New York State Department of Environmental Conservation	NAME OF INSPECTOR: Dan Simpson, Dan Powierski		
DRILLING COMPANY:	SIGNATURE OF INSPECTOR:		

ONE WELL VOLUME : 13.22 WELL TD: 36.45 PUMP INTAKE DEPTH:

Time	Depth to Water (ft)	Purge Rate (gal/min)	FIELD MEASUREMENTS: Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	REMARKS
9:00	16.42	4	13.4	0.163	7.24	240	clear
9:08	16.44	4	12.8	0.141	6.65	216	clear
9:11	16.45	4	12.2	0.143	6.45	183	clear
9:15	16.45	4	12.4	0.143	6.37	189	clear

Sampled: 9:15
Pump Type: Groundfos, sampled with teflon bailers
Analytical Parameters: VOC's, SVOC's, TAL Metals

APPENDIX B

NYSDEC MONITORING WELL FIELD INSPECTION LOGS

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-1

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	30.3
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	17.98
MEASURE WELL DIAMETER (Inches):	2
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

45' from brick building, 15' from large tree

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

At grade in the grass

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-2

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	30.3
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	17.98
MEASURE WELL DIAMETER (Inches):	2
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

25' away from brick building, 8' from fence

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

At grade in paved parking lot

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

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-3

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	25.99
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	15.95
MEASURE WELL DIAMETER (Inches):	2
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

25' away from brick building, 8' from fence

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

At grade in paved parking lot

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-4

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	29.61
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	16.68
MEASURE WELL DIAMETER (Inches):	4
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

Under trees, 6' from fence

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

At grade in paved parking lot

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-5

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	20.64
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	15.72
MEASURE WELL DIAMETER (Inches):	2
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

35' away from brick building, 3' from Granite slabs

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

At grade in paved parking lot

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-6S

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	26.20
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	15.15
MEASURE WELL DIAMETER (Inches):	2
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

25' away from brick building

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

At grade in paved parking lot

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-6D

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	95.66
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	15.59
MEASURE WELL DIAMETER (Inches):	4
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

25' away from brick building

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

At grade in paved parking lot

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-7

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	28.66
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	17.06
MEASURE WELL DIAMETER (Inches):	2
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

20' away from fence, Narrow rows of Granite slabs

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

At grade in paved parking lot

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-8

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

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

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	29.05
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	15.54
MEASURE WELL DIAMETER (Inches):	2
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

25' away from brick building

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

At grade in paved parking lot

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-9

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	28.75
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	14.87
MEASURE WELL DIAMETER (Inches):	2
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

25' away from brick building

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

At grade in paved parking lot

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS
DATE/TIME: 8/13/07
WEll ID.: MW-11

MONITORING WELL FIELD INSPECTION LOG

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

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

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

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

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

Building has been removed, Well is under sand pile

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

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-12

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	47.50
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	15.57
MEASURE WELL DIAMETER (Inches):	2
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

10' from street curb

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

At grade in the grass

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-13S

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	46.16
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	17.08
MEASURE WELL DIAMETER (Inches):	4
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

Under a large tree

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

At grade in the grass

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-13D

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	101.40
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	17.01
MEASURE WELL DIAMETER (Inches):	4
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

25' from brick building, access from driveway

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

At grade in the grass

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-14

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	45.88
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	17.24
MEASURE WELL DIAMETER (Inches):	4
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

10' from brick building, Accessible near driveway

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

At grade in the grass

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-15

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	36.61
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	16.78
MEASURE WELL DIAMETER (Inches):	4
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

15' from brick building

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

At grade in brush/weeds

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-16S

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	36.87
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	16.81
MEASURE WELL DIAMETER (Inches):	4
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

15' from brick building

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

At grade in brush/weeds

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-16M

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	56.70
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	16.75
MEASURE WELL DIAMETER (Inches):	4
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

15' from brick building

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

At grade in brush/weeds

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

None

REMARKS:

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: DS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 8/13/07
WEll ID.: MW-16D

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

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

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

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	0.0 PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	76.88
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	16.79
MEASURE WELL DIAMETER (Inches):	4
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

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

15' from brick building

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

At grade in brush/weeds

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

None

REMARKS:

APPENDIX C

LABORATORY DATA SUMMARY PACKAGES (FORM 1s)

MITKEM CORPORATION

"Environmental Testing For The New Millennium"

August 31, 2007

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

RE: Client Project: SMS Instruments
Lab Work Order #: F1135

Dear Mr. Burton:

Enclosed please find the data report of the required analyses for the samples associated with the above referenced project. If you have any questions regarding this report, please call me.

We appreciate your business.

Sincerely,

Agnes R. Ng
CLP Project Manager

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

MITKEM CORPORATION

* Data Summary Pack *

Mitkem Corporation

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

Project Name : SMS Instruments, 152026 **SDG :** F1135

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
SMS-MW-6S	F1135-01	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-6S	F1135-01				SW7470A	
SMS-MW-6D	F1135-02	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-6D	F1135-02				SW7470A	
SMS-MW-5	F1135-03	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-5	F1135-03				SW7470A	
SMS-MW-7	F1135-04	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-7	F1135-04				SW7470A	
SMS-MW-1	F1135-05	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-1	F1135-05				SW7470A	
SMS-MW-9	F1135-06	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-9	F1135-06				SW7470A	
SMS-MW-8	F1135-07	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-8	F1135-07				SW7470A	
SMS-MW-56D	F1135-08	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-56D	F1135-08				SW7470A	
SMS-MW-16D	F1135-09	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-16D	F1135-09				SW7470A	
SMS-MW-16M	F1135-10	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-16M	F1135-10				SW7470A	
SMS-TB-1	F1135-11	SW8260B_W				
SMS-MW-3	F1135-12	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-3	F1135-12				SW7470A	
SMS-MW-2	F1135-13	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-2	F1135-13				SW7470A	
SMS- MW-4	F1135-14	SW8260B_W	SW8270C_W		SW6010B_W	
SMS- MW-4	F1135-14				SW7470A	
SMS-MW-17	F1135-15	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-17	F1135-15				SW7470A	
SMS-MW-16S	F1135-16	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-16S	F1135-16				SW7470A	
SMS-MW-15	F1135-17	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-15	F1135-17				SW7470A	
SMS-MW-14	F1135-18	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-14	F1135-18				SW7470A	
SMS-MW-13D	F1135-19	SW8260B_W			SW6010B_W	
SMS-MW-13D	F1135-19				SW7470A	
SMS-TB-2	F1135-20	SW8260B_W				

Mitkem Corporation

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

Project Name : SMS Instruments, 152026 **SDG :** F1135

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260B_W					
F1135-01A	AQ	8/14/2007	8/15/2007	NA	8/25/2007
F1135-02A	AQ	8/14/2007	8/15/2007	NA	8/25/2007
F1135-03A	AQ	8/14/2007	8/15/2007	NA	8/25/2007
F1135-04A	AQ	8/14/2007	8/15/2007	NA	8/25/2007
F1135-05A	AQ	8/14/2007	8/15/2007	NA	8/25/2007
F1135-06A	AQ	8/14/2007	8/15/2007	NA	8/25/2007
F1135-07A	AQ	8/14/2007	8/15/2007	NA	8/25/2007
F1135-08A	AQ	8/14/2007	8/15/2007	NA	8/25/2007
F1135-09A	AQ	8/13/2007	8/15/2007	NA	8/25/2007
F1135-10A	AQ	8/13/2007	8/15/2007	NA	8/27/2007
F1135-11A	AQ	8/14/2007	8/15/2007	NA	8/27/2007
F1135-12A	AQ	8/15/2007	8/17/2007	NA	8/27/2007
F1135-13A	AQ	8/15/2007	8/17/2007	NA	8/25/2007
F1135-14A	AQ	8/15/2007	8/17/2007	NA	8/25/2007
F1135-14AMS	AQ	8/15/2007	8/17/2007	NA	8/27/2007
F1135-14AMSD	AQ	8/15/2007	8/17/2007	NA	8/27/2007
F1135-15A	AQ	8/16/2007	8/17/2007	NA	8/25/2007
F1135-16A	AQ	8/16/2007	8/17/2007	NA	8/25/2007
F1135-17A	AQ	8/16/2007	8/17/2007	NA	8/27/2007
F1135-18A	AQ	8/16/2007	8/17/2007	NA	8/27/2007
F1135-19A	AQ	8/16/2007	8/17/2007	NA	8/27/2007
F1135-20A	AQ	8/15/2007	8/17/2007	NA	8/27/2007

Mitkem Corporation

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

Project Name : SMS Instruments, 152026 **SDG :** F1135

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8270C_W					
F1135-01B	AQ	8/14/2007	8/15/2007	8/16/2007	8/18/2007
F1135-02B	AQ	8/14/2007	8/15/2007	8/16/2007	8/18/2007
F1135-03B	AQ	8/14/2007	8/15/2007	8/16/2007	8/18/2007
F1135-04B	AQ	8/14/2007	8/15/2007	8/16/2007	8/17/2007
F1135-05B	AQ	8/14/2007	8/15/2007	8/16/2007	8/17/2007
F1135-06B	AQ	8/14/2007	8/15/2007	8/16/2007	8/17/2007
F1135-07B	AQ	8/14/2007	8/15/2007	8/16/2007	8/17/2007
F1135-08B	AQ	8/14/2007	8/15/2007	8/16/2007	8/18/2007
F1135-09B	AQ	8/13/2007	8/15/2007	8/16/2007	8/18/2007
F1135-10B	AQ	8/13/2007	8/15/2007	8/16/2007	8/18/2007
F1135-12B	AQ	8/15/2007	8/17/2007	8/21/2007	8/23/2007
F1135-13B	AQ	8/15/2007	8/17/2007	8/21/2007	8/23/2007
F1135-14B	AQ	8/15/2007	8/17/2007	8/21/2007	8/23/2007
F1135-14BMS	AQ	8/15/2007	8/17/2007	8/21/2007	8/24/2007
F1135-14BMSD	AQ	8/15/2007	8/17/2007	8/21/2007	8/24/2007
F1135-14BRA	AQ	8/15/2007	8/17/2007	8/21/2007	8/24/2007
F1135-15B	AQ	8/16/2007	8/17/2007	8/21/2007	8/23/2007
F1135-16B	AQ	8/16/2007	8/17/2007	8/21/2007	8/23/2007
F1135-17B	AQ	8/16/2007	8/17/2007	8/21/2007	8/23/2007
F1135-18B	AQ	8/16/2007	8/17/2007	8/21/2007	8/23/2007

Mitkem Corporation

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

Project Name : SMS Instruments, 152026 **SDG :** F1135

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260B_W					
F1135-01A	AQ	SW8260B_W	NA	LOW	1
F1135-02A	AQ	SW8260B_W	NA	LOW	1
F1135-03A	AQ	SW8260B_W	NA	LOW	1
F1135-04A	AQ	SW8260B_W	NA	LOW	1
F1135-05A	AQ	SW8260B_W	NA	LOW	1
F1135-06A	AQ	SW8260B_W	NA	LOW	1
F1135-07A	AQ	SW8260B_W	NA	LOW	1
F1135-08A	AQ	SW8260B_W	NA	LOW	1
F1135-09A	AQ	SW8260B_W	NA	LOW	1
F1135-10A	AQ	SW8260B_W	NA	LOW	1
F1135-11A	AQ	SW8260B_W	NA	LOW	1
F1135-12A	AQ	SW8260B_W	NA	LOW	1
F1135-13A	AQ	SW8260B_W	NA	LOW	1
F1135-14A	AQ	SW8260B_W	NA	LOW	1
F1135-14AMS	AQ	SW8260B_W	NA	LOW	1
F1135-14AMSD	AQ	SW8260B_W	NA	LOW	1
F1135-15A	AQ	SW8260B_W	NA	LOW	1
F1135-16A	AQ	SW8260B_W	NA	LOW	1
F1135-17A	AQ	SW8260B_W	NA	LOW	1
F1135-18A	AQ	SW8260B_W	NA	LOW	1
F1135-19A	AQ	SW8260B_W	NA	LOW	1
F1135-20A	AQ	SW8260B_W	NA	LOW	1

Mitkem Corporation

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

Project Name : SMS Instruments, 152026 **SDG :** F1135

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
SW8270C_W					
F1135-01B	AQ	SW8270C_W	3520C	NA	1
F1135-02B	AQ	SW8270C_W	3520C	NA	1
F1135-03B	AQ	SW8270C_W	3520C	NA	1
F1135-04B	AQ	SW8270C_W	3520C	NA	1
F1135-05B	AQ	SW8270C_W	3520C	NA	1
F1135-06B	AQ	SW8270C_W	3520C	NA	1
F1135-07B	AQ	SW8270C_W	3520C	NA	1
F1135-08B	AQ	SW8270C_W	3520C	NA	1
F1135-09B	AQ	SW8270C_W	3520C	NA	1
F1135-10B	AQ	SW8270C_W	3520C	NA	1
F1135-12B	AQ	SW8270C_W	3520C	NA	1
F1135-13B	AQ	SW8270C_W	3520C	NA	1
F1135-14B	AQ	SW8270C_W	3520C	NA	1
F1135-14BMS	AQ	SW8270C_W	3520C	NA	1
F1135-14BMSD	AQ	SW8270C_W	3520C	NA	1
F1135-14BRA	AQ	SW8270C_W	3520C	NA	1
F1135-15B	AQ	SW8270C_W	3520C	NA	1
F1135-16B	AQ	SW8270C_W	3520C	NA	1
F1135-17B	AQ	SW8270C_W	3520C	NA	1
F1135-18B	AQ	SW8270C_W	3520C	NA	1

Mitkem Corporation

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

Project Name : SMS Instruments, 152026 **SDG :** F1135

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SW6010B_W				
F1135-01C	AQ	SW6010B_W	8/15/2007	8/24/2007
F1135-02C	AQ	SW6010B_W	8/15/2007	8/24/2007
F1135-03C	AQ	SW6010B_W	8/15/2007	8/24/2007
F1135-04C	AQ	SW6010B_W	8/15/2007	8/24/2007
F1135-05C	AQ	SW6010B_W	8/15/2007	8/24/2007
F1135-06C	AQ	SW6010B_W	8/15/2007	8/24/2007
F1135-07C	AQ	SW6010B_W	8/15/2007	8/24/2007
F1135-08C	AQ	SW6010B_W	8/15/2007	8/24/2007
F1135-09C	AQ	SW6010B_W	8/15/2007	8/24/2007
F1135-10C	AQ	SW6010B_W	8/15/2007	8/24/2007
F1135-12C	AQ	SW6010B_W	8/17/2007	8/24/2007
F1135-13C	AQ	SW6010B_W	8/17/2007	8/24/2007
F1135-14C	AQ	SW6010B_W	8/17/2007	8/24/2007
F1135-14CDUP	AQ	SW6010B_W	8/17/2007	8/24/2007
F1135-14CMS	AQ	SW6010B_W	8/17/2007	8/24/2007
F1135-15C	AQ	SW6010B_W	8/17/2007	8/24/2007
F1135-16C	AQ	SW6010B_W	8/17/2007	8/24/2007
F1135-17C	AQ	SW6010B_W	8/17/2007	8/24/2007
F1135-18C	AQ	SW6010B_W	8/17/2007	8/24/2007
F1135-19C	AQ	SW6010B_W	8/17/2007	8/24/2007
SW7470A				
F1135-01C	AQ	SW7470A	8/15/2007	8/22/2007
F1135-02C	AQ	SW7470A	8/15/2007	8/22/2007
F1135-03C	AQ	SW7470A	8/15/2007	8/22/2007
F1135-04C	AQ	SW7470A	8/15/2007	8/22/2007
F1135-05C	AQ	SW7470A	8/15/2007	8/22/2007
F1135-06C	AQ	SW7470A	8/15/2007	8/22/2007
F1135-07C	AQ	SW7470A	8/15/2007	8/22/2007
F1135-08C	AQ	SW7470A	8/15/2007	8/22/2007
F1135-09C	AQ	SW7470A	8/15/2007	8/22/2007
F1135-10C	AQ	SW7470A	8/15/2007	8/22/2007
F1135-12C	AQ	SW7470A	8/17/2007	8/22/2007
F1135-13C	AQ	SW7470A	8/17/2007	8/22/2007
F1135-14C	AQ	SW7470A	8/17/2007	8/22/2007
F1135-14CDUP	AQ	SW7470A	8/17/2007	8/22/2007
F1135-14CMS	AQ	SW7470A	8/17/2007	8/22/2007
F1135-15C	AQ	SW7470A	8/17/2007	8/22/2007
F1135-16C	AQ	SW7470A	8/17/2007	8/22/2007
F1135-17C	AQ	SW7470A	8/17/2007	8/22/2007
F1135-18C	AQ	SW7470A	8/17/2007	8/22/2007
F1135-19C	AQ	SW7470A	8/17/2007	8/22/2007

Analytical Data Package for Earth Tech Northeast, Inc.

Client Project: SMS Instruments

SDG# MF1135

Mitkem Work Order ID: F1135

August 31, 2007

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 twenty aqueous samples that were received on August 15 and 17, 2007. Analyses were performed per specifications in the project's contract and the chain of custody forms, following discussions with the client. Following the narrative is the Mitkem Work Order for cross-referencing sample client ID with laboratory sample ID.

The analyses were performed according to NYSDEC ASP protocols (2000 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.
- M6 software did not integrate peak
- M7 partial peak integration

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

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 marginally high recovery of chloroethane and acetone and low recovery of 2,2-dichloropropane in V2JLCS, low recovery of 2,2-dichloropropane in V2JLCSD and low recovery of 2,2-dichloropropane, total xylene and 4-isopropyltoluene in V2NLCS. Replicate RPDs were within the QC limits.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample SMS-MW-4. 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.

Lab control sample/lab control sample duplicate: spike recoveries were within the QC limits with the exception of low recovery of hexachlorocyclopentadiene in S3GLCS and its duplicate and low recovery of hexachlorocyclopentadiene and high recovery of di-n-butyl-phthalate in S3ILCS. Replicate RPDs were within the QC limits.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample SMS-MW-4. Spike recoveries were within the QC limits with the exception of low recovery of N-nitrosodiphenylamine, high recovery of pentachlorophenol and no recovery of 3,3'-dichlorobenzidine in the matrix spike and low recovery of 2,4-dimethylphenol, N-nitrosodiphenylamine and 3,3'-dichlorobenzidine and high recovery of pentachlorophenol in the matrix spike duplicate. 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-4. The sample was re-analyzed with similar findings. 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-4. Spike recoveries were within the QC limits with the exception of iron. The spike recovery for iron could not be accurately determined, as the sample concentration was significantly greater than the

spike concentration. When the sample concentration is more than four times the spike concentration, it tends to obscure the relatively smaller spike amount; control limits do not apply in this circumstance.

Duplicate: duplicate analysis was performed on sample SMS-MW-4. Replicate RPDs were within the QC limits.

Sample analysis: serial dilution was performed on sample SMS-MW-4. Percent differences were within the QC limits. No other unusual observation was made for the analysis.

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

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

Agnes Ng
CLP Project Manager
08/31/07

Mitkem Corporation

20/Aug/07 11:21

WorkOrder: F1135

Client ID: EARTH_NJ
Project: SMS Instruments, 152026
Location:
Comments: N/A

Case:
SDG:
PO: D003821-41

Report Level: ASP-B
EDD: CLF
HC Due: 09/07/07
Fax Due: 08/31/07

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F1135-01A	SMS-MW-6S	08/14/2007 14:20	08/15/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1135-01B	SMS-MW-6S	08/14/2007 14:20	08/15/2007	Aqueous	SW8270C_W		☐	☐	☐	H FLOO
F1135-01C	SMS-MW-6S	08/14/2007 14:20	08/15/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M5
					SW7470A	TAL	☐	☐	☐	M5
F1135-02A	SMS-MW-6D	08/14/2007 14:14	08/15/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1135-02B	SMS-MW-6D	08/14/2007 14:14	08/15/2007	Aqueous	SW8270C_W		☐	☐	☐	H FLOO
F1135-02C	SMS-MW-6D	08/14/2007 14:14	08/15/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M5
					SW7470A	TAL	☐	☐	☐	M5
F1135-03A	SMS-MW-5	08/14/2007 11:45	08/15/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1135-03B	SMS-MW-5	08/14/2007 11:45	08/15/2007	Aqueous	SW8270C_W		☐	☐	☐	H FLOO
F1135-03C	SMS-MW-5	08/14/2007 11:45	08/15/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M5

Client Rep: Agnes R Ng

Client ID: EARTH_NJ
Project: SMS Instruments, 152026
Location:
Comments: N/A

Case:
SDG:
PO: D003821-41

Report Level: ASP-B
EDD: CLF
HC Due: 09/07/07
Fax Due: 08/31/07

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F1135-03C	SMS-MW-5	08/14/2007 11:45	08/15/2007	Aqueous	SW7470A	TAL	☐	☐	☐	M5
F1135-04A	SMS-MW-7	08/14/2007 11:15	08/15/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1135-04B	SMS-MW-7	08/14/2007 11:15	08/15/2007	Aqueous	SW8270C_W		☐	☐	☐	H FLOO
F1135-04C	SMS-MW-7	08/14/2007 11:15	08/15/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M5
					SW7470A	TAL	☐	☐	☐	M5
F1135-05A	SMS-MW-1	08/14/2007 10:40	08/15/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1135-05B	SMS-MW-1	08/14/2007 10:40	08/15/2007	Aqueous	SW8270C_W		☐	☐	☐	H FLOO
F1135-05C	SMS-MW-1	08/14/2007 10:40	08/15/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M5
					SW7470A	TAL	☐	☐	☐	M5
F1135-06A	SMS-MW-9	08/14/2007 9:45	08/15/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1135-06B	SMS-MW-9	08/14/2007 9:45	08/15/2007	Aqueous	SW8270C_W		☐	☐	☐	H FLOO

Client Rep: Agnes R Ng

Client ID: EARTH_NJ
Project: SMS Instruments, 152026
Location:
Comments: N/A

Case:
SDG:
PO: D003821-41

Report Level: ASP-B
EDD: CLF
HC Due: 09/07/07
Fax Due: 08/31/07

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F1135-06C	SMS-MW-9	08/14/2007 9:45	08/15/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M5
					SW7470A	TAL	☐	☐	☐	M5
F1135-07A	SMS-MW-8	08/14/2007 9:09	08/15/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1135-07B	SMS-MW-8	08/14/2007 9:09	08/15/2007	Aqueous	SW8270C_W		☐	☐	☐	H FLOO
F1135-07C	SMS-MW-8	08/14/2007 9:09	08/15/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M5
					SW7470A	TAL	☐	☐	☐	M5
F1135-08A	SMS-MW-56D	08/14/2007 14:14	08/15/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1135-08B	SMS-MW-56D	08/14/2007 14:14	08/15/2007	Aqueous	SW8270C_W		☐	☐	☐	H FLOO
F1135-08C	SMS-MW-56D	08/14/2007 14:14	08/15/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M5
					SW7470A	TAL	☐	☐	☐	M5
F1135-09A	SMS-MW-16D	08/13/2007 15:35	08/15/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA

Client Rep: Agnes R Ng

Client ID: EARTH_NJ
Project: SMS Instruments, 152026
Location:
Comments: N/A

Case:
SDG:
PO: D003821-41

Report Level: ASP-B
EDD: CLF
HC Due: 09/07/07
Fax Due: 08/31/07

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F1135-09B	SMS-MW-16D	08/13/2007 15:35	08/15/2007	Aqueous	SW8270C_W		☐	☐	☐	H FLOO
F1135-09C	SMS-MW-16D	08/13/2007 15:35	08/15/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M5
					SW7470A	TAL	☐	☐	☐	M5
F1135-10A	SMS-MW-16M	08/13/2007 14:45	08/15/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1135-10B	SMS-MW-16M	08/13/2007 14:45	08/15/2007	Aqueous	SW8270C_W		☐	☐	☐	H FLOO
F1135-10C	SMS-MW-16M	08/13/2007 14:45	08/15/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M5
					SW7470A	TAL	☐	☐	☐	M5
F1135-11A	SMS-TB-1	08/14/2007 0:00	08/15/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1135-12A	SMS-MW-3	08/15/2007 9:25	08/17/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1135-12B	SMS-MW-3	08/15/2007 9:25	08/17/2007	Aqueous	SW8270C_W		☐	☐	☐	I4

Client Rep: Agnes R Ng

Client ID: EARTH_NJ
Project: SMS Instruments, 152026
Location:
Comments: N/A

Case:
SDG:
PO: D003821-41

Report Level: ASP-B
EDD: CLF
HC Due: 09/07/07
Fax Due: 08/31/07

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL Storage
F1135-12C	SMS-MW-3	08/15/2007 9:25	08/17/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑ M4
					SW7470A	TAL	☐	☐	☐ M4
F1135-13A	SMS-MW-2	08/15/2007 9:00	08/17/2007	Aqueous	SW8260B_W		☐	☐	☐ VOA
F1135-13B	SMS-MW-2	08/15/2007 9:00	08/17/2007	Aqueous	SW8270C_W		☐	☐	☐ I4
F1135-13C	SMS-MW-2	08/15/2007 9:00	08/17/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑ M4
					SW7470A	TAL	☐	☐	☐ M4
F1135-14A	SMS- MW-4	08/15/2007 10:00	08/17/2007	Aqueous	SW8260B_W		☐	☑	☐ VOA
F1135-14B	SMS- MW-4	08/15/2007 10:00	08/17/2007	Aqueous	SW8270C_W		☐	☑	☐ I4
F1135-14C	SMS- MW-4	08/15/2007 10:00	08/17/2007	Aqueous	SW6010B_W	TAL	☐	☑	☑ M4
					SW7470A	TAL	☐	☑	☐ M4
F1135-15A	SMS-MW-17	08/16/2007 9:15	08/17/2007	Aqueous	SW8260B_W		☐	☐	☐ VOA

Client Rep: Agnes R Ng

Client ID: EARTH_NJ
Project: SMS Instruments, 152026
Location:
Comments: N/A

Case:
SDG:
PO: D003821-41

Report Level: ASP-B
EDD: CLF
HC Due: 09/07/07
Fax Due: 08/31/07

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F1135-15B	SMS-MW-17	08/16/2007 9:15	08/17/2007	Aqueous	SW8270C_W		☐	☐	☐	I4
F1135-15C	SMS-MW-17	08/16/2007 9:15	08/17/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M4
					SW7470A	TAL	☐	☐	☐	M4
F1135-16A	SMS-MW-16S	08/16/2007 10:00	08/17/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1135-16B	SMS-MW-16S	08/16/2007 10:00	08/17/2007	Aqueous	SW8270C_W		☐	☐	☐	I4
F1135-16C	SMS-MW-16S	08/16/2007 10:00	08/17/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M4
					SW7470A	TAL	☐	☐	☐	M4
F1135-17A	SMS-MW-15	08/16/2007 10:25	08/17/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1135-17B	SMS-MW-15	08/16/2007 10:25	08/17/2007	Aqueous	SW8270C_W		☐	☐	☐	I4
F1135-17C	SMS-MW-15	08/16/2007 10:25	08/17/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M4
					SW7470A	TAL	☐	☐	☐	M4

Client Rep: Agnes R Ng

Client ID: EARTH_NJ
Project: SMS Instruments, 152026
Location:
Comments: N/A

Case:
SDG:
PO: D003821-41

Report Level: ASP-B
EDD: CLF
HC Due: 09/07/07
Fax Due: 08/31/07

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL Storage
F1135-18A	SMS-MW-14	08/16/2007 11:00	08/17/2007	Aqueous	SW8260B_W		☐	☐	☐ VOA
F1135-18B	SMS-MW-14	08/16/2007 11:00	08/17/2007	Aqueous	SW8270C_W		☐	☐	☐ I4
F1135-18C	SMS-MW-14	08/16/2007 11:00	08/17/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑ M4
					SW7470A	TAL	☐	☐	☐ M4
F1135-19A	SMS-MW-13D	08/16/2007 12:00	08/17/2007	Aqueous	SW8260B_W		☐	☐	☐ VOA
F1135-19C	SMS-MW-13D	08/16/2007 12:00	08/17/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑ M4
					SW7470A	TAL	☐	☐	☐ M4
F1135-20A	SMS-TB-2	08/15/2007 0:00	08/17/2007	Aqueous	SW8260B_W		☐	☐	☐ VOA

Client Rep: Agnes R Ng

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.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9128

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9128

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9128

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
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25.					
26.					
27.					
28.					
29.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-13D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-19A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9194

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-13D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-19A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9194

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-13D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-19A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9194

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-14

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9193

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-14

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9193

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

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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.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9193

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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
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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.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-17A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9192

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

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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.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-17A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9192

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-15

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-17A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9192

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-16D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9132

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-16D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9132

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-16D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9132

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-16M

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9189

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-16M

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9189

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-16M

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9189

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-16S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9139

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-16S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9139

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-16S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9139

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-17

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9138

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-17

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9138

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-17

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9138

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-13A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9136

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-13A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9136

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-13A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9136

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-12A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9191

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-12A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9191

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-12A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9191

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS- MW-4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9137

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS- MW-4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9137

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS- MW-4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9137

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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
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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS- MW-4MS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14AMS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9200

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	49	
74-87-3	Chloromethane	59	
75-01-4	Vinyl Chloride	57	
74-83-9	Bromomethane	59	
75-00-3	Chloroethane	59	
75-69-4	Trichlorofluoromethane	63	
75-35-4	1,1-Dichloroethene	58	
67-64-1	Acetone	61	
74-88-4	Iodomethane	52	
75-15-0	Carbon Disulfide	55	
75-09-2	Methylene Chloride	55	
156-60-5	trans-1,2-Dichloroethene	48	
1634-04-4	Methyl tert-butyl ether	43	
75-34-3	1,1-Dichloroethane	49	
108-05-4	Vinyl acetate	48	
78-93-3	2-Butanone	51	
156-59-2	cis-1,2-Dichloroethene	46	
590-20-7	2,2-Dichloropropane	45	
74-97-5	Bromochloromethane	46	
67-66-3	Chloroform	49	
71-55-6	1,1,1-Trichloroethane	47	
563-58-6	1,1-Dichloropropene	46	
56-23-5	Carbon Tetrachloride	47	
107-06-2	1,2-Dichloroethane	47	
71-43-2	Benzene	49	
79-01-6	Trichloroethene	44	
78-87-5	1,2-Dichloropropane	50	
74-95-3	Dibromomethane	49	
75-27-4	Bromodichloromethane	48	
10061-01-5	cis-1,3-Dichloropropene	48	
108-10-1	4-Methyl-2-pentanone	52	
108-88-3	Toluene	48	
10061-02-6	trans-1,3-Dichloropropene	48	
79-00-5	1,1,2-Trichloroethane	50	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS- MW-4MS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14AMS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9200

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	47	
127-18-4	Tetrachloroethene	53	
591-78-6	2-Hexanone	46	
124-48-1	Dibromochloromethane	46	
106-93-4	1,2-Dibromoethane	46	
108-90-7	Chlorobenzene	44	
630-20-6	1,1,1,2-Tetrachloroethane	44	
100-41-4	Ethylbenzene	44	
----------	m,p-Xylene	89	
95-47-6	o-Xylene	44	
1330-20-7	Xylene (Total)	130	
100-42-5	Styrene	43	
75-25-2	Bromoform	51	
98-82-8	Isopropylbenzene	44	
79-34-5	1,1,2,2-Tetrachloroethane	48	
108-86-1	Bromobenzene	42	
96-18-4	1,2,3-Trichloropropane	50	
103-65-1	n-Propylbenzene	40	
95-49-8	2-Chlorotoluene	42	
108-67-8	1,3,5-Trimethylbenzene	42	
106-43-4	4-Chlorotoluene	42	
98-06-6	tert-Butylbenzene	42	
95-63-6	1,2,4-Trimethylbenzene	43	
135-98-8	sec-Butylbenzene	43	
99-87-6	4-Isopropyltoluene	41	
541-73-1	1,3-Dichlorobenzene	42	
106-46-7	1,4-Dichlorobenzene	41	
104-51-8	n-Butylbenzene	43	
95-50-1	1,2-Dichlorobenzene	42	
96-12-8	1,2-Dibromo-3-chloropropane	44	
120-82-1	1,2,4-Trichlorobenzene	40	
87-68-3	Hexachlorobutadiene	37	
91-20-3	Naphthalene	38	
87-61-6	1,2,3-Trichlorobenzene	40	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS- MW-4MSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14AMSD

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9202

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	47	
74-87-3	Chloromethane	55	
75-01-4	Vinyl Chloride	53	
74-83-9	Bromomethane	56	
75-00-3	Chloroethane	55	
75-69-4	Trichlorofluoromethane	60	
75-35-4	1,1-Dichloroethene	52	
67-64-1	Acetone	61	
74-88-4	Iodomethane	51	
75-15-0	Carbon Disulfide	53	
75-09-2	Methylene Chloride	53	
156-60-5	trans-1,2-Dichloroethene	46	
1634-04-4	Methyl tert-butyl ether	43	
75-34-3	1,1-Dichloroethane	48	
108-05-4	Vinyl acetate	48	
78-93-3	2-Butanone	51	
156-59-2	cis-1,2-Dichloroethene	48	
590-20-7	2,2-Dichloropropane	42	
74-97-5	Bromochloromethane	46	
67-66-3	Chloroform	48	
71-55-6	1,1,1-Trichloroethane	45	
563-58-6	1,1-Dichloropropene	46	
56-23-5	Carbon Tetrachloride	45	
107-06-2	1,2-Dichloroethane	46	
71-43-2	Benzene	48	
79-01-6	Trichloroethene	45	
78-87-5	1,2-Dichloropropane	48	
74-95-3	Dibromomethane	49	
75-27-4	Bromodichloromethane	47	
10061-01-5	cis-1,3-Dichloropropene	47	
108-10-1	4-Methyl-2-pentanone	53	
108-88-3	Toluene	47	
10061-02-6	trans-1,3-Dichloropropene	47	
79-00-5	1,1,2-Trichloroethane	50	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS- MW-4MSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14AMSD

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9202

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	47	
127-18-4	Tetrachloroethene	46	
591-78-6	2-Hexanone	49	
124-48-1	Dibromochloromethane	46	
106-93-4	1,2-Dibromoethane	46	
108-90-7	Chlorobenzene	44	
630-20-6	1,1,1,2-Tetrachloroethane	44	
100-41-4	Ethylbenzene	43	
----------	m,p-Xylene	88	
95-47-6	o-Xylene	43	
1330-20-7	Xylene (Total)	130	
100-42-5	Styrene	43	
75-25-2	Bromoform	51	
98-82-8	Isopropylbenzene	44	
79-34-5	1,1,2,2-Tetrachloroethane	50	
108-86-1	Bromobenzene	41	
96-18-4	1,2,3-Trichloropropane	53	
103-65-1	n-Propylbenzene	40	
95-49-8	2-Chlorotoluene	41	
108-67-8	1,3,5-Trimethylbenzene	42	
106-43-4	4-Chlorotoluene	42	
98-06-6	tert-Butylbenzene	40	
95-63-6	1,2,4-Trimethylbenzene	42	
135-98-8	sec-Butylbenzene	42	
99-87-6	4-Isopropyltoluene	41	
541-73-1	1,3-Dichlorobenzene	41	
106-46-7	1,4-Dichlorobenzene	41	
104-51-8	n-Butylbenzene	42	
95-50-1	1,2-Dichlorobenzene	41	
96-12-8	1,2-Dibromo-3-chloropropane	46	
120-82-1	1,2,4-Trichlorobenzene	40	
87-68-3	Hexachlorobutadiene	36	
91-20-3	Naphthalene	42	
87-61-6	1,2,3-Trichlorobenzene	41	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9126

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9126

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9126

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-56D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9131

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-56D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9131

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-56D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9131

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-6D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9125

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-6D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9125

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-6D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9125

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-6S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9124

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-6S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9124

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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	2	J
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	2	J
----------	m,p-Xylene	4	J
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	4	J
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	1	J
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	11	
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	2	J
106-46-7	1,4-Dichlorobenzene	4	J
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-6S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9124

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

Number TICs found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	620-14-4	BENZENE, 1-ETHYL-3-METHYL-	13.23	6	NJ
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-7

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9127

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	13	
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	4	J
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-7

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9127

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-7

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9127

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-8

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9130

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-8

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9130

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-8

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9130

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-9

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9129

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-9

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9129

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMS-MW-9

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9129

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-TB-1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9190

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-TB-1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9190

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SMS-TB-1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9190

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-TB-2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-20A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9195

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-TB-2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-20A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9195

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SMS-TB-2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-20A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9195

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
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10.					
11.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2JLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: LCS-31881

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9118A

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

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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	45	
74-87-3	Chloromethane	62	
75-01-4	Vinyl Chloride	62	
74-83-9	Bromomethane	62	
75-00-3	Chloroethane	68	
75-69-4	Trichlorofluoromethane	65	
75-35-4	1,1-Dichloroethene	57	
67-64-1	Acetone	72	
74-88-4	Iodomethane	57	
75-15-0	Carbon Disulfide	63	
75-09-2	Methylene Chloride	59	
156-60-5	trans-1,2-Dichloroethene	52	
1634-04-4	Methyl tert-butyl ether	46	
75-34-3	1,1-Dichloroethane	52	
108-05-4	Vinyl acetate	44	
78-93-3	2-Butanone	48	
156-59-2	cis-1,2-Dichloroethene	50	
590-20-7	2,2-Dichloropropane	31	
74-97-5	Bromochloromethane	51	
67-66-3	Chloroform	52	
71-55-6	1,1,1-Trichloroethane	50	
563-58-6	1,1-Dichloropropene	50	
56-23-5	Carbon Tetrachloride	50	
107-06-2	1,2-Dichloroethane	49	
71-43-2	Benzene	52	
79-01-6	Trichloroethene	50	
78-87-5	1,2-Dichloropropane	53	
74-95-3	Dibromomethane	53	
75-27-4	Bromodichloromethane	50	
10061-01-5	cis-1,3-Dichloropropene	47	
108-10-1	4-Methyl-2-pentanone	52	
108-88-3	Toluene	51	
10061-02-6	trans-1,3-Dichloropropene	46	
79-00-5	1,1,2-Trichloroethane	52	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2JLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: LCS-31881

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9118A

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

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	52	
127-18-4	Tetrachloroethene	60	
591-78-6	2-Hexanone	48	
124-48-1	Dibromochloromethane	49	
106-93-4	1,2-Dibromoethane	50	
108-90-7	Chlorobenzene	50	
630-20-6	1,1,1,2-Tetrachloroethane	50	
100-41-4	Ethylbenzene	50	
----------	m,p-Xylene	100	
95-47-6	o-Xylene	50	
1330-20-7	Xylene (Total)	150	
100-42-5	Styrene	50	
75-25-2	Bromoform	48	
98-82-8	Isopropylbenzene	50	
79-34-5	1,1,2,2-Tetrachloroethane	50	
108-86-1	Bromobenzene	46	
96-18-4	1,2,3-Trichloropropane	49	
103-65-1	n-Propylbenzene	45	
95-49-8	2-Chlorotoluene	47	
108-67-8	1,3,5-Trimethylbenzene	49	
106-43-4	4-Chlorotoluene	48	
98-06-6	tert-Butylbenzene	45	
95-63-6	1,2,4-Trimethylbenzene	49	
135-98-8	sec-Butylbenzene	49	
99-87-6	4-Isopropyltoluene	48	
541-73-1	1,3-Dichlorobenzene	48	
106-46-7	1,4-Dichlorobenzene	47	
104-51-8	n-Butylbenzene	48	
95-50-1	1,2-Dichlorobenzene	47	
96-12-8	1,2-Dibromo-3-chloropropane	46	
120-82-1	1,2,4-Trichlorobenzene	45	
87-68-3	Hexachlorobutadiene	43	
91-20-3	Naphthalene	44	B
87-61-6	1,2,3-Trichlorobenzene	46	B

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2JLCSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: LCSD-31881

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9119

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

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	48	
74-87-3	Chloromethane	60	
75-01-4	Vinyl Chloride	64	
74-83-9	Bromomethane	61	
75-00-3	Chloroethane	66	
75-69-4	Trichlorofluoromethane	60	
75-35-4	1,1-Dichloroethene	57	
67-64-1	Acetone	69	
74-88-4	Iodomethane	57	
75-15-0	Carbon Disulfide	63	
75-09-2	Methylene Chloride	59	
156-60-5	trans-1,2-Dichloroethene	52	
1634-04-4	Methyl tert-butyl ether	47	
75-34-3	1,1-Dichloroethane	53	
108-05-4	Vinyl acetate	44	
78-93-3	2-Butanone	51	
156-59-2	cis-1,2-Dichloroethene	50	
590-20-7	2,2-Dichloropropane	31	
74-97-5	Bromochloromethane	50	
67-66-3	Chloroform	52	
71-55-6	1,1,1-Trichloroethane	50	
563-58-6	1,1-Dichloropropene	51	
56-23-5	Carbon Tetrachloride	50	
107-06-2	1,2-Dichloroethane	49	
71-43-2	Benzene	52	
79-01-6	Trichloroethene	49	
78-87-5	1,2-Dichloropropane	52	
74-95-3	Dibromomethane	53	
75-27-4	Bromodichloromethane	49	
10061-01-5	cis-1,3-Dichloropropene	46	
108-10-1	4-Methyl-2-pentanone	52	
108-88-3	Toluene	52	
10061-02-6	trans-1,3-Dichloropropene	46	
79-00-5	1,1,2-Trichloroethane	52	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2JLCSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: LCSD-31881

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9119

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

% Moisture: not dec. _____ Date Analyzed: 08/25/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2NLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: LCS-31892

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9184

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

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	40	
74-87-3	Chloromethane	50	
75-01-4	Vinyl Chloride	48	
74-83-9	Bromomethane	52	
75-00-3	Chloroethane	52	
75-69-4	Trichlorofluoromethane	50	
75-35-4	1,1-Dichloroethene	48	
67-64-1	Acetone	57	
74-88-4	Iodomethane	49	
75-15-0	Carbon Disulfide	47	
75-09-2	Methylene Chloride	50	
156-60-5	trans-1,2-Dichloroethene	45	
1634-04-4	Methyl tert-butyl ether	48	
75-34-3	1,1-Dichloroethane	47	
108-05-4	Vinyl acetate	45	
78-93-3	2-Butanone	49	
156-59-2	cis-1,2-Dichloroethene	45	
590-20-7	2,2-Dichloropropane	31	
74-97-5	Bromochloromethane	49	
67-66-3	Chloroform	49	
71-55-6	1,1,1-Trichloroethane	45	
563-58-6	1,1-Dichloropropene	44	
56-23-5	Carbon Tetrachloride	44	
107-06-2	1,2-Dichloroethane	48	
71-43-2	Benzene	48	
79-01-6	Trichloroethene	44	
78-87-5	1,2-Dichloropropane	49	
74-95-3	Dibromomethane	49	
75-27-4	Bromodichloromethane	48	
10061-01-5	cis-1,3-Dichloropropene	45	
108-10-1	4-Methyl-2-pentanone	53	
108-88-3	Toluene	46	
10061-02-6	trans-1,3-Dichloropropene	45	
79-00-5	1,1,2-Trichloroethane	49	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2NLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: LCS-31892

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9184

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

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	47	
127-18-4	Tetrachloroethene	46	
591-78-6	2-Hexanone	48	
124-48-1	Dibromochloromethane	47	
106-93-4	1,2-Dibromoethane	46	
108-90-7	Chlorobenzene	43	
630-20-6	1,1,1,2-Tetrachloroethane	43	
100-41-4	Ethylbenzene	41	
----------	m,p-Xylene	82	
95-47-6	o-Xylene	42	
1330-20-7	Xylene (Total)	120	
100-42-5	Styrene	42	
75-25-2	Bromoform	53	
98-82-8	Isopropylbenzene	40	
79-34-5	1,1,2,2-Tetrachloroethane	47	
108-86-1	Bromobenzene	40	
96-18-4	1,2,3-Trichloropropane	49	
103-65-1	n-Propylbenzene	37	
95-49-8	2-Chlorotoluene	40	
108-67-8	1,3,5-Trimethylbenzene	40	
106-43-4	4-Chlorotoluene	40	
98-06-6	tert-Butylbenzene	36	
95-63-6	1,2,4-Trimethylbenzene	40	
135-98-8	sec-Butylbenzene	38	
99-87-6	4-Isopropyltoluene	37	
541-73-1	1,3-Dichlorobenzene	40	
106-46-7	1,4-Dichlorobenzene	40	
104-51-8	n-Butylbenzene	37	
95-50-1	1,2-Dichlorobenzene	41	
96-12-8	1,2-Dibromo-3-chloropropane	44	
120-82-1	1,2,4-Trichlorobenzene	39	
87-68-3	Hexachlorobutadiene	32	
91-20-3	Naphthalene	39	
87-61-6	1,2,3-Trichlorobenzene	40	

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW-1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5414

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5414

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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
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	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	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	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
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.

SMS-MW-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5414

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.93	14	JB
2.		UNKNOWN	4.07	5	JB
3.		UNKNOWN	4.11	9	JB
4.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-14

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-18B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5532

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-14

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-18B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5532

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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	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	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	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
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.

SMS-MW-14

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-18B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5532

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 4

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.85	13	JB
2.		UNKNOWN	4.00	4	JB
3.		UNKNOWN	4.02	8	JB
4.	63-25-2	CARBARIL	12.41	6	NJ
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-15

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-17B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5531

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW-15

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-17B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5531

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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	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	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	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
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

SMS-MW-15

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-17B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5531

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.85	14	JB
2.		UNKNOWN	4.00	4	JB
3.		UNKNOWN	4.02	9	JB
4.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-16D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-09B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5417

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-16D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-09B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5417

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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
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	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	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	2	J
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	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.

SMS-MW-16D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-09B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5417

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 4

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.93	12	JB
2.		UNKNOWN	4.08	4	JB
3.		UNKNOWN	4.10	8	JB
4.	112-84-5	13-DOCOSENAMIDE, (Z)-	15.08	7	NJ
5.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-16M

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-10B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5418

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-16M

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-10B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5418

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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
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	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	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	J
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	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

SMS-MW-16M

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-10B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5418

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.93	14	JB
2.		UNKNOWN	4.08	5	JB
3.		UNKNOWN	4.10	9	JB
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW-16S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-16B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5530

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW-16S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-16B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5530

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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	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	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	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
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.

SMS-MW-16S

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-16B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5530

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.85	14	JB
2.		UNKNOWN	4.00	4	JB
3.		UNKNOWN	4.02	9	JB
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW-17

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-15B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5529

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-17

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-15B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5529

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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	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	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	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
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.

SMS-MW-17

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-15B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5529

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.85	14	JB
2.		UNKNOWN	4.00	5	JB
3.		UNKNOWN	4.02	9	JB
4.					
5.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-13B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5525

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-13B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5525

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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	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	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	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
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.

SMS-MW-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-13B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5525

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 4

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.85	16	JB
2.		UNKNOWN	3.96	4	JB
3.		UNKNOWN	3.99	4	JB
4.		UNKNOWN	4.02	10	JB
5.					
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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW-3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-12B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5524

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-12B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5524

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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	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	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	J
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	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.

SMS-MW-3

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-12B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5524

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 4

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.85	16	JB
2.		UNKNOWN	4.00	5	JB
3.		UNKNOWN	4.02	10	JB
4.		UNKNOWN	4.11	18	JB
5.					
6.					
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS- MW-4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5526

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS- MW-4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5526

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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	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	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	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
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.

SMS- MW-4

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5526

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 7

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.85	16	JB
2.		UNKNOWN	3.96	6	JB
3.		UNKNOWN	4.00	5	JB
4.		UNKNOWN	4.03	13	JB
5.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	4.22	14	NJ
6.		UNKNOWN	7.46	7	J
7.		UNKNOWN	8.13	18	J
8.					
9.					
10.					
11.					
12.					
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15.					
16.					
17.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS- MW-4MS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14BMS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5563

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/24/07

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
108-95-2	Phenol	40	
111-44-4	bis(2-Chloroethyl)Ether	41	
95-57-8	2-Chlorophenol	44	
541-73-1	1,3-Dichlorobenzene	38	
106-46-7	1,4-Dichlorobenzene	38	
95-50-1	1,2-Dichlorobenzene	38	
95-48-7	2-Methylphenol	38	
108-60-1	2,2'-oxybis(1-Chloropropane)	52	
106-44-5	4-Methylphenol	41	
621-64-7	N-Nitroso-di-n-propylamine	43	
67-72-1	Hexachloroethane	40	
98-95-3	Nitrobenzene	45	
78-59-1	Isophorone	43	
88-75-5	2-Nitrophenol	46	
105-67-9	2,4-Dimethylphenol	22	
120-83-2	2,4-Dichlorophenol	45	
120-82-1	1,2,4-Trichlorobenzene	39	
91-20-3	Naphthalene	41	
106-47-8	4-Chloroaniline	14	
87-68-3	Hexachlorobutadiene	38	
111-91-1	bis(2-Chloroethoxy)methane	42	
59-50-7	4-Chloro-3-Methylphenol	42	
91-57-6	2-Methylnaphthalene	42	
77-47-4	Hexachlorocyclopentadiene	19	
88-06-2	2,4,6-Trichlorophenol	45	
95-95-4	2,4,5-Trichlorophenol	44	
91-58-7	2-Chloronaphthalene	46	
88-74-4	2-Nitroaniline	47	
131-11-3	Dimethylphthalate	48	
208-96-8	Acenaphthylene	42	
606-20-2	2,6-Dinitrotoluene	46	
99-09-2	3-Nitroaniline	43	
83-32-9	Acenaphthene	45	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS- MW-4MS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14BMS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5563

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/24/07

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
51-28-5	2,4-Dinitrophenol	62	
100-02-7	4-Nitrophenol	57	
132-64-9	Dibenzofuran	47	
121-14-2	2,4-Dinitrotoluene	48	
84-66-2	Diethylphthalate	49	
7005-72-3	4-Chlorophenyl-phenylether	44	
86-73-7	Fluorene	46	
100-01-6	4-Nitroaniline	34	
534-52-1	4,6-Dinitro-2-methylphenol	56	
86-30-6	N-Nitrosodiphenylamine (1)	21	
101-55-3	4-Bromophenyl-phenylether	46	
118-74-1	Hexachlorobenzene	45	
87-86-5	Pentachlorophenol	66	
85-01-8	Phenanthrene	52	
120-12-7	Anthracene	47	
86-74-8	Carbazole	49	
84-74-2	Di-n-butylphthalate	56	
206-44-0	Fluoranthene	51	
129-00-0	Pyrene	53	
85-68-7	Butylbenzylphthalate	54	
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	49	
218-01-9	Chrysene	49	
117-81-7	bis(2-Ethylhexyl)phthalate	55	
117-84-0	Di-n-octylphthalate	59	
205-99-2	Benzo(b)fluoranthene	50	
207-08-9	Benzo(k)fluoranthene	56	
50-32-8	Benzo(a)pyrene	38	
193-39-5	Indeno(1,2,3-cd)pyrene	49	
53-70-3	Dibenzo(a,h)anthracene	50	
191-24-2	Benzo(g,h,i)perylene	47	

(1) - Cannot be separated from Diphenylamine

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS- MW-4MSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14BMSD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5564

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/24/07

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
108-95-2	Phenol	40	
111-44-4	bis(2-Chloroethyl)Ether	42	
95-57-8	2-Chlorophenol	44	
541-73-1	1,3-Dichlorobenzene	38	
106-46-7	1,4-Dichlorobenzene	39	
95-50-1	1,2-Dichlorobenzene	39	
95-48-7	2-Methylphenol	31	
108-60-1	2,2'-oxybis(1-Chloropropane)	52	
106-44-5	4-Methylphenol	37	
621-64-7	N-Nitroso-di-n-propylamine	45	
67-72-1	Hexachloroethane	41	
98-95-3	Nitrobenzene	46	
78-59-1	Isophorone	44	
88-75-5	2-Nitrophenol	48	
105-67-9	2,4-Dimethylphenol	6	J
120-83-2	2,4-Dichlorophenol	44	
120-82-1	1,2,4-Trichlorobenzene	40	
91-20-3	Naphthalene	41	
106-47-8	4-Chloroaniline	16	
87-68-3	Hexachlorobutadiene	38	
111-91-1	bis(2-Chloroethoxy)methane	42	
59-50-7	4-Chloro-3-Methylphenol	42	
91-57-6	2-Methylnaphthalene	43	
77-47-4	Hexachlorocyclopentadiene	21	
88-06-2	2,4,6-Trichlorophenol	43	
95-95-4	2,4,5-Trichlorophenol	45	
91-58-7	2-Chloronaphthalene	47	
88-74-4	2-Nitroaniline	48	
131-11-3	Dimethylphthalate	49	
208-96-8	Acenaphthylene	43	
606-20-2	2,6-Dinitrotoluene	48	
99-09-2	3-Nitroaniline	32	
83-32-9	Acenaphthene	45	

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS- MW-4MSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14BMSD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5564

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/24/07

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
51-28-5	2,4-Dinitrophenol	63	
100-02-7	4-Nitrophenol	57	
132-64-9	Dibenzofuran	47	
121-14-2	2,4-Dinitrotoluene	49	
84-66-2	Diethylphthalate	49	
7005-72-3	4-Chlorophenyl-phenylether	45	
86-73-7	Fluorene	47	
100-01-6	4-Nitroaniline	32	
534-52-1	4,6-Dinitro-2-methylphenol	58	
86-30-6	N-Nitrosodiphenylamine (1)	16	
101-55-3	4-Bromophenyl-phenylether	47	
118-74-1	Hexachlorobenzene	46	
87-86-5	Pentachlorophenol	64	
85-01-8	Phenanthrene	54	
120-12-7	Anthracene	44	
86-74-8	Carbazole	49	
84-74-2	Di-n-butylphthalate	57	
206-44-0	Fluoranthene	52	
129-00-0	Pyrene	53	
85-68-7	Butylbenzylphthalate	54	
91-94-1	3,3'-Dichlorobenzidine	1	J
56-55-3	Benzo(a)anthracene	50	
218-01-9	Chrysene	51	
117-81-7	bis(2-Ethylhexyl)phthalate	55	
117-84-0	Di-n-octylphthalate	61	
205-99-2	Benzo(b)fluoranthene	54	
207-08-9	Benzo(k)fluoranthene	56	
50-32-8	Benzo(a)pyrene	36	
193-39-5	Indeno(1,2,3-cd)pyrene	50	
53-70-3	Dibenzo(a,h)anthracene	52	
191-24-2	Benzo(g,h,i)perylene	48	

(1) - Cannot be separated from Diphenylamine

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS- MW-4RA

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14BRA

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5562

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/24/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS- MW-4RA

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14BRA

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5562

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/24/07

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
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	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	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	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
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.

SMS- MW-4RA

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-14BRA

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5562

Level: (low/med) LOW Date Received: 08/17/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/24/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 4

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.96	5	JB
2.		UNKNOWN	3.99	14	JB
3.		UNKNOWN	7.40	6	J
4.		UNKNOWN	8.06	17	J
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
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22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5419

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5419

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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
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	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	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	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
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.

SMS-MW-5

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5419

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.93	14	JB
2.		UNKNOWN	4.08	5	JB
3.		UNKNOWN	4.10	9	JB
4.					
5.					
6.					
7.					
8.					
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10.					
11.					
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27.					
28.					
29.					
30.					

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-56D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-08B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5421

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-56D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-08B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5421

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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
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	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	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	3	J
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	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.

SMS-MW-56D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-08B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5421

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 2

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.93	10	JB
2.		UNKNOWN	4.10	6	JB
3.					
4.					
5.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-6D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5420

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-6D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5420

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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
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	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	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	4	J
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	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.

SMS-MW-6D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5420

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.93	15	JB
2.		UNKNOWN	4.04	6	JB
3.		UNKNOWN	4.10	8	JB
4.					
5.					
6.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-6S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5422

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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
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	1	J
106-46-7	1,4-Dichlorobenzene	2	J
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	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
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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-6S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5422

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

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
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	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	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	2	J
129-00-0	Pyrene	1	J
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	1	J
218-01-9	Chrysene	2	J
117-81-7	bis(2-Ethylhexyl)phthalate	6	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	3	J
207-08-9	Benzo(k)fluoranthene	1	J
50-32-8	Benzo(a)pyrene	2	J
193-39-5	Indeno(1,2,3-cd)pyrene	2	J
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	3	J

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SMS-MW-6S

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5422

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 8

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.93	11	JB
2.		UNKNOWN	4.11	7	JB
3.	620-14-4	BENZENE, 1-ETHYL-3-METHYL-	4.25	4	NJ
4.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	4.61	8	NJ
5.	7525-62-4	BENZENE, 1-ETHENYL-3-ETHYL-	6.50	6	NJ
6.	85-44-9	PHTHALIC ANHYDRIDE	8.60	7	NJ
7.		UNKNOWN	9.60	8	J
8.	17851-53-5	1,2-BENZENEDICARBOXYLIC ACID	12.23	6	NJ
9.					
10.					
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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW-7

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5413

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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
108-95-2	Phenol	1	J
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-7

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5413

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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
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	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	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	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
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.

SMS-MW-7

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5413

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.93	14	JB
2.		UNKNOWN	4.08	4	JB
3.		UNKNOWN	4.10	9	JB
4.					
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9.					
10.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-8

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5416

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-8

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5416

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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
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	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	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	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
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

SMS-MW-8

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5416

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.93	13	JB
2.		UNKNOWN	4.08	4	JB
3.		UNKNOWN	4.10	8	JB
4.					
5.					
6.					
7.					
8.					
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-9

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5415

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-9

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5415

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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
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	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	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	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
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.

SMS-MW-9

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: F1135-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5415

Level: (low/med) LOW Date Received: 08/15/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 2

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.93	12	JB
2.		UNKNOWN	4.11	7	JB
3.					
4.					
5.					
6.					
7.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3GLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: LCS-31718

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5389

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

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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
108-95-2	Phenol	37	
111-44-4	bis(2-Chloroethyl)Ether	36	
95-57-8	2-Chlorophenol	38	
541-73-1	1,3-Dichlorobenzene	33	
106-46-7	1,4-Dichlorobenzene	34	
95-50-1	1,2-Dichlorobenzene	34	
95-48-7	2-Methylphenol	37	
108-60-1	2,2'-oxybis(1-Chloropropane)	48	
106-44-5	4-Methylphenol	38	
621-64-7	N-Nitroso-di-n-propylamine	41	
67-72-1	Hexachloroethane	33	
98-95-3	Nitrobenzene	41	
78-59-1	Isophorone	39	
88-75-5	2-Nitrophenol	40	
105-67-9	2,4-Dimethylphenol	31	
120-83-2	2,4-Dichlorophenol	40	
120-82-1	1,2,4-Trichlorobenzene	36	
91-20-3	Naphthalene	36	
106-47-8	4-Chloroaniline	38	
87-68-3	Hexachlorobutadiene	37	
111-91-1	bis(2-Chloroethoxy)methane	38	
59-50-7	4-Chloro-3-Methylphenol	41	
91-57-6	2-Methylnaphthalene	38	
77-47-4	Hexachlorocyclopentadiene	8	J
88-06-2	2,4,6-Trichlorophenol	42	
95-95-4	2,4,5-Trichlorophenol	42	
91-58-7	2-Chloronaphthalene	39	
88-74-4	2-Nitroaniline	41	
131-11-3	Dimethylphthalate	42	
208-96-8	Acenaphthylene	41	
606-20-2	2,6-Dinitrotoluene	42	
99-09-2	3-Nitroaniline	39	
83-32-9	Acenaphthene	40	

EPA SAMPLE NO.

S3GLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: LCS-31718

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5389

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

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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
51-28-5	2,4-Dinitrophenol	48	
100-02-7	4-Nitrophenol	50	
132-64-9	Dibenzofuran	43	
121-14-2	2,4-Dinitrotoluene	44	
84-66-2	Diethylphthalate	44	
7005-72-3	4-Chlorophenyl-phenylether	43	
86-73-7	Fluorene	41	
100-01-6	4-Nitroaniline	38	
534-52-1	4,6-Dinitro-2-methylphenol	45	
86-30-6	N-Nitrosodiphenylamine (1)	37	
101-55-3	4-Bromophenyl-phenylether	42	
118-74-1	Hexachlorobenzene	42	
87-86-5	Pentachlorophenol	51	
85-01-8	Phenanthrene	45	
120-12-7	Anthracene	44	
86-74-8	Carbazole	44	
84-74-2	Di-n-butylphthalate	46	
206-44-0	Fluoranthene	49	
129-00-0	Pyrene	42	
85-68-7	Butylbenzylphthalate	38	
91-94-1	3,3'-Dichlorobenzidine	47	
56-55-3	Benzo(a)anthracene	45	
218-01-9	Chrysene	44	
117-81-7	bis(2-Ethylhexyl)phthalate	43	
117-84-0	Di-n-octylphthalate	40	
205-99-2	Benzo(b)fluoranthene	47	
207-08-9	Benzo(k)fluoranthene	44	
50-32-8	Benzo(a)pyrene	41	
193-39-5	Indeno(1,2,3-cd)pyrene	44	
53-70-3	Dibenzo(a,h)anthracene	44	
191-24-2	Benzo(g,h,i)perylene	44	

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3GLCSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: LCSD-31718

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5390

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

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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
108-95-2	Phenol	36	
111-44-4	bis(2-Chloroethyl)Ether	35	
95-57-8	2-Chlorophenol	36	
541-73-1	1,3-Dichlorobenzene	31	
106-46-7	1,4-Dichlorobenzene	32	
95-50-1	1,2-Dichlorobenzene	32	
95-48-7	2-Methylphenol	36	
108-60-1	2,2'-oxybis(1-Chloropropane)	45	
106-44-5	4-Methylphenol	37	
621-64-7	N-Nitroso-di-n-propylamine	40	
67-72-1	Hexachloroethane	32	
98-95-3	Nitrobenzene	40	
78-59-1	Isophorone	38	
88-75-5	2-Nitrophenol	39	
105-67-9	2,4-Dimethylphenol	31	
120-83-2	2,4-Dichlorophenol	40	
120-82-1	1,2,4-Trichlorobenzene	34	
91-20-3	Naphthalene	34	
106-47-8	4-Chloroaniline	39	
87-68-3	Hexachlorobutadiene	36	
111-91-1	bis(2-Chloroethoxy)methane	36	
59-50-7	4-Chloro-3-Methylphenol	40	
91-57-6	2-Methylnaphthalene	36	
77-47-4	Hexachlorocyclopentadiene	8	J
88-06-2	2,4,6-Trichlorophenol	42	
95-95-4	2,4,5-Trichlorophenol	42	
91-58-7	2-Chloronaphthalene	38	
88-74-4	2-Nitroaniline	41	
131-11-3	Dimethylphthalate	43	
208-96-8	Acenaphthylene	40	
606-20-2	2,6-Dinitrotoluene	42	
99-09-2	3-Nitroaniline	40	
83-32-9	Acenaphthene	39	

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3GLCSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: LCSD-31718

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5390

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

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/17/07

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
51-28-5	2,4-Dinitrophenol	34	
100-02-7	4-Nitrophenol	51	
132-64-9	Dibenzofuran	42	
121-14-2	2,4-Dinitrotoluene	45	
84-66-2	Diethylphthalate	44	
7005-72-3	4-Chlorophenyl-phenylether	42	
86-73-7	Fluorene	41	
100-01-6	4-Nitroaniline	38	
534-52-1	4,6-Dinitro-2-methylphenol	42	
86-30-6	N-Nitrosodiphenylamine (1)	37	
101-55-3	4-Bromophenyl-phenylether	40	
118-74-1	Hexachlorobenzene	42	
87-86-5	Pentachlorophenol	44	
85-01-8	Phenanthrene	44	
120-12-7	Anthracene	43	
86-74-8	Carbazole	44	
84-74-2	Di-n-butylphthalate	46	
206-44-0	Fluoranthene	48	
129-00-0	Pyrene	41	
85-68-7	Butylbenzylphthalate	38	
91-94-1	3,3'-Dichlorobenzidine	50	
56-55-3	Benzo(a)anthracene	44	
218-01-9	Chrysene	43	
117-81-7	bis(2-Ethylhexyl)phthalate	43	
117-84-0	Di-n-octylphthalate	40	
205-99-2	Benzo(b)fluoranthene	45	
207-08-9	Benzo(k)fluoranthene	44	
50-32-8	Benzo(a)pyrene	40	
193-39-5	Indeno(1,2,3-cd)pyrene	43	
53-70-3	Dibenzo(a,h)anthracene	43	
191-24-2	Benzo(g,h,i)perylene	42	

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3ILCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: LCS-31795

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5523

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

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
108-95-2	Phenol	43	
111-44-4	bis(2-Chloroethyl)Ether	43	
95-57-8	2-Chlorophenol	46	
541-73-1	1,3-Dichlorobenzene	40	
106-46-7	1,4-Dichlorobenzene	41	
95-50-1	1,2-Dichlorobenzene	40	
95-48-7	2-Methylphenol	39	
108-60-1	2,2'-oxybis(1-Chloropropane)	54	
106-44-5	4-Methylphenol	42	
621-64-7	N-Nitroso-di-n-propylamine	46	
67-72-1	Hexachloroethane	43	
98-95-3	Nitrobenzene	48	
78-59-1	Isophorone	45	
88-75-5	2-Nitrophenol	48	
105-67-9	2,4-Dimethylphenol	17	
120-83-2	2,4-Dichlorophenol	47	
120-82-1	1,2,4-Trichlorobenzene	41	
91-20-3	Naphthalene	43	
106-47-8	4-Chloroaniline	34	
87-68-3	Hexachlorobutadiene	40	
111-91-1	bis(2-Chloroethoxy)methane	43	
59-50-7	4-Chloro-3-Methylphenol	43	
91-57-6	2-Methylnaphthalene	44	
77-47-4	Hexachlorocyclopentadiene	10	
88-06-2	2,4,6-Trichlorophenol	46	
95-95-4	2,4,5-Trichlorophenol	47	
91-58-7	2-Chloronaphthalene	48	
88-74-4	2-Nitroaniline	48	
131-11-3	Dimethylphthalate	50	
208-96-8	Acenaphthylene	47	
606-20-2	2,6-Dinitrotoluene	50	
99-09-2	3-Nitroaniline	39	
83-32-9	Acenaphthene	47	

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3ILCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix: (soil/water) WATER Lab Sample ID: LCS-31795

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5523

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

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
51-28-5	2,4-Dinitrophenol	25	
100-02-7	4-Nitrophenol	58	
132-64-9	Dibenzofuran	49	
121-14-2	2,4-Dinitrotoluene	51	
84-66-2	Diethylphthalate	51	
7005-72-3	4-Chlorophenyl-phenylether	46	
86-73-7	Fluorene	48	
100-01-6	4-Nitroaniline	40	
534-52-1	4,6-Dinitro-2-methylphenol	52	
86-30-6	N-Nitrosodiphenylamine (1)	43	
101-55-3	4-Bromophenyl-phenylether	48	
118-74-1	Hexachlorobenzene	48	
87-86-5	Pentachlorophenol	46	
85-01-8	Phenanthrene	54	
120-12-7	Anthracene	53	
86-74-8	Carbazole	54	
84-74-2	Di-n-butylphthalate	59	
206-44-0	Fluoranthene	55	
129-00-0	Pyrene	54	
85-68-7	Butylbenzylphthalate	56	
91-94-1	3,3'-Dichlorobenzidine	38	
56-55-3	Benzo(a)anthracene	53	
218-01-9	Chrysene	52	
117-81-7	bis(2-Ethylhexyl)phthalate	60	
117-84-0	Di-n-octylphthalate	59	
205-99-2	Benzo(b)fluoranthene	55	
207-08-9	Benzo(k)fluoranthene	51	
50-32-8	Benzo(a)pyrene	48	
193-39-5	Indeno(1,2,3-cd)pyrene	52	
53-70-3	Dibenzo(a,h)anthracene	53	
191-24-2	Benzo(g,h,i)perylene	52	

(1) - Cannot be separated from Diphenylamine

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS- MW-4

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-14

Level (low/med): MED Date Received: 08/17/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	876			P
7440-36-0	Antimony	11.2	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	64.0	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.10	U		P
7440-70-2	Calcium	21400			P
7440-47-3	Chromium	5.7	B		P
7440-48-4	Cobalt	3.2	B		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	78200			P
7439-92-1	Lead	4.5	B		P
7439-95-4	Magnesium	1470			P
7439-96-5	Manganese	686			P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	5.3	B		P
7440-09-7	Potassium	5690			P
7782-49-2	Selenium	14.1	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	3600			P
7440-28-0	Thallium	9.7	B		P
7440-62-2	Vanadium	5.1	B		P
7440-66-6	Zinc	42.5	B		P

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-1

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-05

Level (low/med): MED Date Received: 08/15/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4360			P
7440-36-0	Antimony	12.6	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	91.0	B		P
7440-41-7	Beryllium	0.48	B		P
7440-43-9	Cadmium	0.39	B		P
7440-70-2	Calcium	20100			P
7440-47-3	Chromium	18.0	B		P
7440-48-4	Cobalt	9.3	B		P
7440-50-8	Copper	33.8			P
7439-89-6	Iron	110000			P
7439-92-1	Lead	17.3			P
7439-95-4	Magnesium	4230			P
7439-96-5	Manganese	585			P
7439-97-6	Mercury	0.066	B		CV
7440-02-0	Nickel	19.8	B		P
7440-09-7	Potassium	4450			P
7782-49-2	Selenium	29.5	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	73900			P
7440-28-0	Thallium	18.5	B		P
7440-62-2	Vanadium	9.3	B		P
7440-66-6	Zinc	234			P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-13D

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-19

Level (low/med): MED Date Received: 08/17/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	24.5	B		P
7440-36-0	Antimony	8.3	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	76.9	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	65.5			P
7440-70-2	Calcium	13100			P
7440-47-3	Chromium	1.7	B		P
7440-48-4	Cobalt	0.87	B		P
7440-50-8	Copper	15.3	B		P
7439-89-6	Iron	241			P
7439-92-1	Lead	0.46	U		P
7439-95-4	Magnesium	8340			P
7439-96-5	Manganese	6.3	B		P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	9.2	B		P
7440-09-7	Potassium	2960			P
7782-49-2	Selenium	10.7	B		P
7440-22-4	Silver	1.4	B		P
7440-23-5	Sodium	31800			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	0.47	U		P
7440-66-6	Zinc	67.2			P

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-14

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-18

Level (low/med): MED Date Received: 08/17/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1040			P
7440-36-0	Antimony	15.7	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	78.7	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	2.7	B		P
7440-70-2	Calcium	16500			P
7440-47-3	Chromium	2.9	B		P
7440-48-4	Cobalt	4.6	B		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	296000			P
7439-92-1	Lead	12.7			P
7439-95-4	Magnesium	2470			P
7439-96-5	Manganese	1290			P
7439-97-6	Mercury	0.052	B		CV
7440-02-0	Nickel	13.3	B		P
7440-09-7	Potassium	8340			P
7782-49-2	Selenium	41.2			P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	6000			P
7440-28-0	Thallium	64.8			P
7440-62-2	Vanadium	4.5	B		P
7440-66-6	Zinc	60.8			P

Comments:

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-15

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-17

Level (low/med): MED Date Received: 08/17/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	37.9	B		P
7440-36-0	Antimony	9.6	B		P
7440-38-2	Arsenic	1.6	B		P
7440-39-3	Barium	24.8	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.10	U		P
7440-70-2	Calcium	20100			P
7440-47-3	Chromium	18.1	B		P
7440-48-4	Cobalt	1.3	B		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	228			P
7439-92-1	Lead	0.46	U		P
7439-95-4	Magnesium	4210			P
7439-96-5	Manganese	19.3	B		P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	3.0	B		P
7440-09-7	Potassium	6850			P
7782-49-2	Selenium	19.6	B		P
7440-22-4	Silver	1.6	B		P
7440-23-5	Sodium	15600			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	0.47	U		P
7440-66-6	Zinc	20.1	B		P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-16D

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-09

Level (low/med): MED Date Received: 08/15/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	45.2	B		P
7440-36-0	Antimony	2.5	B		P
7440-38-2	Arsenic	1.6	B		P
7440-39-3	Barium	45.6	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	5.1			P
7440-70-2	Calcium	19100			P
7440-47-3	Chromium	44.9			P
7440-48-4	Cobalt	1.4	B		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	234			P
7439-92-1	Lead	0.88	B		P
7439-95-4	Magnesium	3530			P
7439-96-5	Manganese	51.6			P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	6.7	B		P
7440-09-7	Potassium	5260			P
7782-49-2	Selenium	9.5	B		P
7440-22-4	Silver	1.8	B		P
7440-23-5	Sodium	16700			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	0.47	U		P
7440-66-6	Zinc	20.5	B		P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-16M

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-10

Level (low/med): MED Date Received: 08/15/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	55.0	B		P
7440-36-0	Antimony	4.5	B		P
7440-38-2	Arsenic	4.7	B		P
7440-39-3	Barium	97.5	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.22	B		P
7440-70-2	Calcium	21900			P
7440-47-3	Chromium	10.3	B		P
7440-48-4	Cobalt	2.6	B		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	375			P
7439-92-1	Lead	0.46	U		P
7439-95-4	Magnesium	2940			P
7439-96-5	Manganese	29.0	B		P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	27.9	B		P
7440-09-7	Potassium	10000			P
7782-49-2	Selenium	13.2	B		P
7440-22-4	Silver	2.1	B		P
7440-23-5	Sodium	17900			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	0.47	U		P
7440-66-6	Zinc	31.7	B		P

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-16S

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-16

Level (low/med): MED Date Received: 08/17/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	51.6	B		P
7440-36-0	Antimony	1.2	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	18.2	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.47	B		P
7440-70-2	Calcium	25200			P
7440-47-3	Chromium	95.7			P
7440-48-4	Cobalt	3.6	B		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	587			P
7439-92-1	Lead	0.46	U		P
7439-95-4	Magnesium	3920			P
7439-96-5	Manganese	173			P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	37.9	B		P
7440-09-7	Potassium	4870			P
7782-49-2	Selenium	12.7	B		P
7440-22-4	Silver	1.8	B		P
7440-23-5	Sodium	17300			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	1.0	B		P
7440-66-6	Zinc	17.4	B		P

Comments:

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-17

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-15

Level (low/med): MED Date Received: 08/17/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19.6	B		P
7440-36-0	Antimony	10	B		P
7440-38-2	Arsenic	3.7	B		P
7440-39-3	Barium	29.1	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.16	B		P
7440-70-2	Calcium	24800			P
7440-47-3	Chromium	9.0	B		P
7440-48-4	Cobalt	2.0	B		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	220			P
7439-92-1	Lead	0.46	U		P
7439-95-4	Magnesium	1830			P
7439-96-5	Manganese	113			P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	2.8	B		P
7440-09-7	Potassium	3220			P
7782-49-2	Selenium	13.6	B		P
7440-22-4	Silver	2.1	B		P
7440-23-5	Sodium	6680			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	1.7	B		P
7440-66-6	Zinc	18.8	B		P

Comments:

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-2

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-13

Level (low/med): MED Date Received: 08/17/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3440			P
7440-36-0	Antimony	8.9	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	78.9	B		P
7440-41-7	Beryllium	0.30	B		P
7440-43-9	Cadmium	3.9	B		P
7440-70-2	Calcium	19700			P
7440-47-3	Chromium	12.6	B		P
7440-48-4	Cobalt	4.4	B		P
7440-50-8	Copper	37.0			P
7439-89-6	Iron	40400			P
7439-92-1	Lead	197			P
7439-95-4	Magnesium	4590			P
7439-96-5	Manganese	1080			P
7439-97-6	Mercury	0.055	B		CV
7440-02-0	Nickel	10.9	B		P
7440-09-7	Potassium	14100			P
7782-49-2	Selenium	14.5	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	20100			P
7440-28-0	Thallium	2.5	B		P
7440-62-2	Vanadium	14.6	B		P
7440-66-6	Zinc	3360			P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-3

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-12

Level (low/med): MED Date Received: 08/17/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1860			P
7440-36-0	Antimony	8.6	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	56.9	B		P
7440-41-7	Beryllium	0.16	B		P
7440-43-9	Cadmium	1.3	B		P
7440-70-2	Calcium	23000			P
7440-47-3	Chromium	12.6	B		P
7440-48-4	Cobalt	4.4	B		P
7440-50-8	Copper	27.1	B		P
7439-89-6	Iron	46400			P
7439-92-1	Lead	9.5	B		P
7439-95-4	Magnesium	3550			P
7439-96-5	Manganese	910			P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	12.3	B		P
7440-09-7	Potassium	9170			P
7782-49-2	Selenium	15.2	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	12700			P
7440-28-0	Thallium	4.7	B		P
7440-62-2	Vanadium	4.6	B		P
7440-66-6	Zinc	59.8			P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-5

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-03

Level (low/med): MED Date Received: 08/15/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	583			P
7440-36-0	Antimony	8.8	B		P
7440-38-2	Arsenic	2.0	B		P
7440-39-3	Barium	199	B		P
7440-41-7	Beryllium	0.16	B		P
7440-43-9	Cadmium	8.4			P
7440-70-2	Calcium	21600			P
7440-47-3	Chromium	17.5	B		P
7440-48-4	Cobalt	5.0	B		P
7440-50-8	Copper	24.5	B		P
7439-89-6	Iron	61000			P
7439-92-1	Lead	8.4	B		P
7439-95-4	Magnesium	3570			P
7439-96-5	Manganese	548			P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	13.7	B		P
7440-09-7	Potassium	3050			P
7782-49-2	Selenium	13.4	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	12600			P
7440-28-0	Thallium	9.4	B		P
7440-62-2	Vanadium	8.1	B		P
7440-66-6	Zinc	40.6	B		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-56D

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-08

Level (low/med): MED Date Received: 08/15/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	304			P
7440-36-0	Antimony	4.8	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	13.1	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.52	B		P
7440-70-2	Calcium	12800			P
7440-47-3	Chromium	2.6	B		P
7440-48-4	Cobalt	7.9	B		P
7440-50-8	Copper	14.3	B		P
7439-89-6	Iron	26600			P
7439-92-1	Lead	2.5	B		P
7439-95-4	Magnesium	1040			P
7439-96-5	Manganese	170			P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	7.6	B		P
7440-09-7	Potassium	2740			P
7782-49-2	Selenium	8.5	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	16000			P
7440-28-0	Thallium	3.4	B		P
7440-62-2	Vanadium	0.81	B		P
7440-66-6	Zinc	56.2			P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-6D

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-02

Level (low/med): MED Date Received: 08/15/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	416			P
7440-36-0	Antimony	6.2	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	16.5	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.76	B		P
7440-70-2	Calcium	13700			P
7440-47-3	Chromium	4.9	B		P
7440-48-4	Cobalt	10.8	B		P
7440-50-8	Copper	20.7	B		P
7439-89-6	Iron	39300			P
7439-92-1	Lead	4.7	B		P
7439-95-4	Magnesium	1210			P
7439-96-5	Manganese	256			P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	12.7	B		P
7440-09-7	Potassium	2790			P
7782-49-2	Selenium	3.9	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	16000			P
7440-28-0	Thallium	10.6	B		P
7440-62-2	Vanadium	1.5	B		P
7440-66-6	Zinc	76.2			P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-6S

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-01

Level (low/med): MED Date Received: 08/15/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8920			P
7440-36-0	Antimony	6.2	B		P
7440-38-2	Arsenic	12.1	B		P
7440-39-3	Barium	86.7	B		P
7440-41-7	Beryllium	1.0	B		P
7440-43-9	Cadmium	2.6	B		P
7440-70-2	Calcium	30300			P
7440-47-3	Chromium	111			P
7440-48-4	Cobalt	22.0	B		P
7440-50-8	Copper	135			P
7439-89-6	Iron	40400			P
7439-92-1	Lead	58.1			P
7439-95-4	Magnesium	9290			P
7439-96-5	Manganese	732			P
7439-97-6	Mercury	0.30			CV
7440-02-0	Nickel	24.8	B		P
7440-09-7	Potassium	3530			P
7782-49-2	Selenium	24.5	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	5530			P
7440-28-0	Thallium	7.9	B		P
7440-62-2	Vanadium	41.1	B		P
7440-66-6	Zinc	1390			P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-7

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-04

Level (low/med): MED Date Received: 08/15/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	410			P
7440-36-0	Antimony	8.0	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	62.6	B		P
7440-41-7	Beryllium	0.22	B		P
7440-43-9	Cadmium	2.2	B		P
7440-70-2	Calcium	26200			P
7440-47-3	Chromium	7.7	B		P
7440-48-4	Cobalt	4.8	B		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	96100			P
7439-92-1	Lead	4.6	B		P
7439-95-4	Magnesium	3900			P
7439-96-5	Manganese	696			P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	9.0	B		P
7440-09-7	Potassium	6600			P
7782-49-2	Selenium	17.9	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	16800			P
7440-28-0	Thallium	17.6	B		P
7440-62-2	Vanadium	5.6	B		P
7440-66-6	Zinc	39.0	B		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-8

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-07

Level (low/med): MED Date Received: 08/15/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	120	B		P
7440-36-0	Antimony	8.9	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	61.3	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.10	U		P
7440-70-2	Calcium	25000			P
7440-47-3	Chromium	26.1			P
7440-48-4	Cobalt	7.3	B		P
7440-50-8	Copper	18.4	B		P
7439-89-6	Iron	71400			P
7439-92-1	Lead	3.0	B		P
7439-95-4	Magnesium	4960			P
7439-96-5	Manganese	236			P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	26.3	B		P
7440-09-7	Potassium	13400			P
7782-49-2	Selenium	20.6	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	26400			P
7440-28-0	Thallium	13.5	B		P
7440-62-2	Vanadium	0.51	B		P
7440-66-6	Zinc	68.6			P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-9

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1135

Matrix (soil/water): WATER Lab Sample ID: F1135-06

Level (low/med): MED Date Received: 08/15/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	40.8	B		P
7440-36-0	Antimony	6.7	B		P
7440-38-2	Arsenic	2.5	B		P
7440-39-3	Barium	34.4	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.10	U		P
7440-70-2	Calcium	29200			P
7440-47-3	Chromium	5.4	B		P
7440-48-4	Cobalt	4.4	B		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	57100			P
7439-92-1	Lead	2.9	B		P
7439-95-4	Magnesium	4860			P
7439-96-5	Manganese	520			P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	8.4	B		P
7440-09-7	Potassium	4540			P
7782-49-2	Selenium	14.2	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	12000			P
7440-28-0	Thallium	9.2	B		P
7440-62-2	Vanadium	1.6	B		P
7440-66-6	Zinc	18.1	B		P

Comments:

MITKEM
CORPORATION

"Environmental Testing For The New Millennium"

August 31, 2007

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

RE: Client Project: SMS Instruments
Lab Work Order #: F1159

Dear Mr. Burton:

Enclosed please find the data report of the required analyses for the samples associated with the above referenced project. If you have any questions regarding this report, please call me.

We appreciate your business.

Sincerely,

Agnes R. Ng
CLP Project Manager

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

MITKEM CORPORATION

* Data Summary Pack *

Mitkem Corporation

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

Project Name : SMS Instruments, 152026 **SDG :** F1159

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
SMS-TB-3	F1159-01	SW8260B_W				
SMS-MW-13D	F1159-02		SW8270C_W			
SMS-MW-13S	F1159-03	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-13S	F1159-03				SW7470A	
SMS-MW-12	F1159-04	SW8260B_W	SW8270C_W		SW6010B_W	
SMS-MW-12	F1159-04				SW7470A	

Mitkem Corporation

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

Project Name : SMS Instruments, 152026 **SDG :** F1159

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260B_W					
F1159-01A	AQ	8/17/2007	8/18/2007	NA	8/27/2007
F1159-03A	AQ	8/17/2007	8/18/2007	NA	8/27/2007
F1159-04A	AQ	8/17/2007	8/18/2007	NA	8/27/2007

Mitkem Corporation

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

Project Name : SMS Instruments, 152026 **SDG :** F1159

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8270C_W					
F1159-02A	AQ	8/17/2007	8/18/2007	8/21/2007	8/23/2007
F1159-03B	AQ	8/17/2007	8/18/2007	8/21/2007	8/23/2007
F1159-04B	AQ	8/17/2007	8/18/2007	8/21/2007	8/23/2007

Mitkem Corporation

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

Project Name : SMS Instruments, 152026 **SDG :** F1159

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260B_W					
F1159-01A	AQ	SW8260B_W	NA	LOW	1
F1159-03A	AQ	SW8260B_W	NA	LOW	1
F1159-04A	AQ	SW8260B_W	NA	LOW	1

Mitkem Corporation

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

Project Name : SMS Instruments, 152026 **SDG :** F1159

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
SW8270C_W					
F1159-02A	AQ	SW8270C_W	3520C	NA	1
F1159-03B	AQ	SW8270C_W	3520C	NA	1
F1159-04B	AQ	SW8270C_W	3520C	NA	1

Mitkem Corporation

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

Project Name : SMS Instruments, 152026 **SDG :** F1159

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SW6010B_W				
F1159-03C	AQ	SW6010B_W	8/18/2007	8/28/2007
F1159-04C	AQ	SW6010B_W	8/18/2007	8/28/2007
SW7470A				
F1159-03C	AQ	SW7470A	8/18/2007	8/23/2007
F1159-04C	AQ	SW7470A	8/18/2007	8/23/2007

Analytical Data Package for Earth Tech Northeast, Inc.

Client Project: SMS Instruments

SDG# MF1159

Mitkem Work Order ID: F1159

August 31, 2007

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 four aqueous samples that were received on August 18, 2007. 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 sample client ID with laboratory sample ID.

The analyses were performed according to NYSDEC ASP protocols (2000 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.
- M6 software did not integrate peak
- M7 partial peak integration

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

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 acetone in V2OLCS.

Sample analysis: no 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 hexachlorocyclopentadiene and di-n-butylphthalate.

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

4. Metals Analysis:

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

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

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

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

Agnes Ng
CLP Project Manager
08/31/07

Mitkem Corporation

20/Aug/07 17:29

WorkOrder: F1159

Client ID: EARTH_NJ
Project: SMS Instruments, 152026
Location:
Comments: N/A

Case:
SDG:
PO: D003821-41

Report Level: ASP-B
EDD: CLF
HC Due: 09/10/07
Fax Due: 09/03/07

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F1159-01A	SMS-TB-3	08/17/2007 0:00	08/18/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1159-02A	SMS-MW-13D	08/17/2007 10:00	08/18/2007	Aqueous	SW8270C_W		☐	☐	☐	H2
F1159-03A	SMS-MW-13S	08/17/2007 9:45	08/18/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1159-03B	SMS-MW-13S	08/17/2007 9:45	08/18/2007	Aqueous	SW8270C_W		☐	☐	☐	H2
F1159-03C	SMS-MW-13S	08/17/2007 9:45	08/18/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2
F1159-04A	SMS-MW-12	08/17/2007 10:30	08/18/2007	Aqueous	SW8260B_W		☐	☐	☐	VOA
F1159-04B	SMS-MW-12	08/17/2007 10:30	08/18/2007	Aqueous	SW8270C_W		☐	☐	☐	H2
F1159-04C	SMS-MW-12	08/17/2007 10:30	08/18/2007	Aqueous	SW6010B_W	TAL	☐	☐	☑	M2
					SW7470A	TAL	☐	☐	☐	M2

Client Rep: Agnes R Ng

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-12

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9232

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-12

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9232

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-12

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9232

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-13S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9231

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-13S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9231

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SMS-MW-13S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9231

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-TB-3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9230

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-TB-3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9230

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

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

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SMS-TB-3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9230

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2OLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: LCS-31897

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9213

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

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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	39	
74-87-3	Chloromethane	60	
75-01-4	Vinyl Chloride	55	
74-83-9	Bromomethane	62	
75-00-3	Chloroethane	58	
75-69-4	Trichlorofluoromethane	60	
75-35-4	1,1-Dichloroethene	56	
67-64-1	Acetone	75	
74-88-4	Iodomethane	56	
75-15-0	Carbon Disulfide	56	
75-09-2	Methylene Chloride	59	
156-60-5	trans-1,2-Dichloroethene	51	
1634-04-4	Methyl tert-butyl ether	52	
75-34-3	1,1-Dichloroethane	54	
108-05-4	Vinyl acetate	56	
78-93-3	2-Butanone	58	
156-59-2	cis-1,2-Dichloroethene	52	
590-20-7	2,2-Dichloropropane	47	
74-97-5	Bromochloromethane	55	
67-66-3	Chloroform	54	
71-55-6	1,1,1-Trichloroethane	49	
563-58-6	1,1-Dichloropropene	47	
56-23-5	Carbon Tetrachloride	48	
107-06-2	1,2-Dichloroethane	52	
71-43-2	Benzene	54	
79-01-6	Trichloroethene	49	
78-87-5	1,2-Dichloropropane	56	
74-95-3	Dibromomethane	56	
75-27-4	Bromodichloromethane	54	
10061-01-5	cis-1,3-Dichloropropene	53	
108-10-1	4-Methyl-2-pentanone	63	
108-88-3	Toluene	52	
10061-02-6	trans-1,3-Dichloropropene	54	
79-00-5	1,1,2-Trichloroethane	57	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2OLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: LCS-31897

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9213

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

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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	53	
127-18-4	Tetrachloroethene	50	B
591-78-6	2-Hexanone	60	
124-48-1	Dibromochloromethane	51	
106-93-4	1,2-Dibromoethane	52	
108-90-7	Chlorobenzene	49	
630-20-6	1,1,1,2-Tetrachloroethane	48	
100-41-4	Ethylbenzene	48	
----------	m,p-Xylene	98	
95-47-6	o-Xylene	49	
1330-20-7	Xylene (Total)	150	
100-42-5	Styrene	50	
75-25-2	Bromoform	56	
98-82-8	Isopropylbenzene	48	
79-34-5	1,1,2,2-Tetrachloroethane	55	
108-86-1	Bromobenzene	44	
96-18-4	1,2,3-Trichloropropane	57	
103-65-1	n-Propylbenzene	42	
95-49-8	2-Chlorotoluene	44	
108-67-8	1,3,5-Trimethylbenzene	46	
106-43-4	4-Chlorotoluene	45	
98-06-6	tert-Butylbenzene	44	
95-63-6	1,2,4-Trimethylbenzene	46	
135-98-8	sec-Butylbenzene	46	
99-87-6	4-Isopropyltoluene	44	
541-73-1	1,3-Dichlorobenzene	46	
106-46-7	1,4-Dichlorobenzene	46	
104-51-8	n-Butylbenzene	46	
95-50-1	1,2-Dichlorobenzene	46	
96-12-8	1,2-Dibromo-3-chloropropane	54	
120-82-1	1,2,4-Trichlorobenzene	46	
87-68-3	Hexachlorobutadiene	39	
91-20-3	Naphthalene	46	B
87-61-6	1,2,3-Trichlorobenzene	46	B

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

V2OLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: LCS-31897

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2J9213

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

% Moisture: not dec. _____ Date Analyzed: 08/27/07

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

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

Number TICs found: 4

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	1.55	780	J
2.		UNKNOWN	2.01	12	J
3.		UNKNOWN	2.08	18	J
4.		UNKNOWN	3.26	27	J
5.					
6.					
7.					
8.					
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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW-12

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5536

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-12

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5536

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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	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	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	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
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.

SMS-MW-12

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5536

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.85	15	JB
2.		UNKNOWN	3.99	7	JB
3.		UNKNOWN	4.03	10	JB
4.					
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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW-13D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-02A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5534

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-13D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-02A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5534

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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	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	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	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
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.

SMS-MW-13D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-02A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5534

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 4

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.85	14	JB
2.		UNKNOWN	4.00	5	JB
3.		UNKNOWN	4.03	11	JB
4.		UNKNOWN	4.11	5	JB
5.					
6.					
7.					
8.					
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-13S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5535

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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
88-75-5	2-Nitrophenol	10	U
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
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-13S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5535

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
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	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	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	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
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.

SMS-MW-13S

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: F1159-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5535

Level: (low/med) LOW Date Received: 08/18/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 7

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.85	14	JB
2.		UNKNOWN	4.00	5	JB
3.		UNKNOWN	4.02	10	JB
4.		UNKNOWN	4.11	6	JB
5.	78-40-0	TRIETHYL PHOSPHATE	5.86	6	NJ
6.		UNKNOWN	6.68	6	J
7.	13798-23-7	SULFUR	10.61	4	NJ
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9.					
10.					
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3ILCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: LCS-31795

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5523

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

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
108-95-2	Phenol	43	
111-44-4	bis(2-Chloroethyl)Ether	43	
95-57-8	2-Chlorophenol	46	
541-73-1	1,3-Dichlorobenzene	40	
106-46-7	1,4-Dichlorobenzene	41	
95-50-1	1,2-Dichlorobenzene	40	
95-48-7	2-Methylphenol	39	
108-60-1	2,2'-oxybis(1-Chloropropane)	54	
106-44-5	4-Methylphenol	42	
621-64-7	N-Nitroso-di-n-propylamine	46	
67-72-1	Hexachloroethane	43	
98-95-3	Nitrobenzene	48	
78-59-1	Isophorone	45	
88-75-5	2-Nitrophenol	48	
105-67-9	2,4-Dimethylphenol	17	
120-83-2	2,4-Dichlorophenol	47	
120-82-1	1,2,4-Trichlorobenzene	41	
91-20-3	Naphthalene	43	
106-47-8	4-Chloroaniline	34	
87-68-3	Hexachlorobutadiene	40	
111-91-1	bis(2-Chloroethoxy)methane	43	
59-50-7	4-Chloro-3-Methylphenol	43	
91-57-6	2-Methylnaphthalene	44	
77-47-4	Hexachlorocyclopentadiene	10	
88-06-2	2,4,6-Trichlorophenol	46	
95-95-4	2,4,5-Trichlorophenol	47	
91-58-7	2-Chloronaphthalene	48	
88-74-4	2-Nitroaniline	48	
131-11-3	Dimethylphthalate	50	
208-96-8	Acenaphthylene	47	
606-20-2	2,6-Dinitrotoluene	50	
99-09-2	3-Nitroaniline	39	
83-32-9	Acenaphthene	47	

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3ILCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: LCS-31795

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5523

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

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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
51-28-5	2,4-Dinitrophenol	25	
100-02-7	4-Nitrophenol	58	
132-64-9	Dibenzofuran	49	
121-14-2	2,4-Dinitrotoluene	51	
84-66-2	Diethylphthalate	51	
7005-72-3	4-Chlorophenyl-phenylether	46	
86-73-7	Fluorene	48	
100-01-6	4-Nitroaniline	40	
534-52-1	4,6-Dinitro-2-methylphenol	52	
86-30-6	N-Nitrosodiphenylamine (1)	43	
101-55-3	4-Bromophenyl-phenylether	48	
118-74-1	Hexachlorobenzene	48	
87-86-5	Pentachlorophenol	46	
85-01-8	Phenanthrene	54	
120-12-7	Anthracene	53	
86-74-8	Carbazole	54	
84-74-2	Di-n-butylphthalate	59	
206-44-0	Fluoranthene	55	
129-00-0	Pyrene	54	
85-68-7	Butylbenzylphthalate	56	
91-94-1	3,3'-Dichlorobenzidine	38	
56-55-3	Benzo(a)anthracene	53	
218-01-9	Chrysene	52	
117-81-7	bis(2-Ethylhexyl)phthalate	60	
117-84-0	Di-n-octylphthalate	59	
205-99-2	Benzo(b)fluoranthene	55	
207-08-9	Benzo(k)fluoranthene	51	
50-32-8	Benzo(a)pyrene	48	
193-39-5	Indeno(1,2,3-cd)pyrene	52	
53-70-3	Dibenzo(a,h)anthracene	53	
191-24-2	Benzo(g,h,i)perylene	52	

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

S3ILCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix: (soil/water) WATER Lab Sample ID: LCS-31795

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E5523

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

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/07

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.					
2.					
3.					
4.					
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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-12

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix (soil/water): WATER Lab Sample ID: F1159-04

Level (low/med): MED Date Received: 08/18/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	165	B		P
7440-36-0	Antimony	2.5	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	36.9	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	1.3	B		P
7440-70-2	Calcium	16000			P
7440-47-3	Chromium	0.86	B		P
7440-48-4	Cobalt	3.7	B		P
7440-50-8	Copper	6.4	B		P
7439-89-6	Iron	23000			P
7439-92-1	Lead	1.8	B		P
7439-95-4	Magnesium	2180			P
7439-96-5	Manganese	854			P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	4.5	B		P
7440-09-7	Potassium	3330			P
7782-49-2	Selenium	8.3	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	4120			P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	0.47	U		P
7440-66-6	Zinc	37.4	B		P

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SMS-MW-13S

Lab Name: Mitkem Corporation Contract: D003821-41

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1159

Matrix (soil/water): WATER Lab Sample ID: F1159-03

Level (low/med): MED Date Received: 08/18/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	66.4	B		P
7440-36-0	Antimony	4.7	B		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	29.2	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	1.7	B		P
7440-70-2	Calcium	6280			P
7440-47-3	Chromium	3.4	B		P
7440-48-4	Cobalt	5.3	B		P
7440-50-8	Copper	6.3	U		P
7439-89-6	Iron	40200			P
7439-92-1	Lead	0.84	B		P
7439-95-4	Magnesium	1020			P
7439-96-5	Manganese	401			P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	6.0	B		P
7440-09-7	Potassium	15800			P
7782-49-2	Selenium	3.3	B		P
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	12400			P
7440-28-0	Thallium	7.8	B		P
7440-62-2	Vanadium	0.47	U		P
7440-66-6	Zinc	85.7			P

Comments: