

FINAL GROUNDWATER SAMPLING REPORT (March 2010 Sampling Event)

Site: SMS Instruments Site, Site # 1-52-026
Deer Park, Suffolk County, NY
Multi Site G
Operation, Maintenance & Monitoring
Work Assignment D004445-14.3

Submitted to:
New York State Department of Environmental Conservation
625 Broadway,
Albany, New York 12233

Prepared for:
New York State Department of Environmental Conservation
625 Broadway,
Albany, New York 12233

Prepared by:
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August 16, 2010

AECOM Project No. 60135736.20

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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 were 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 sampling report summarizes the SMS Instruments Site remediation activities that occurred since the transfer. AECOM Technical Services Northeast, Inc. (AECOM [formerly Earth Tech Northeast, Inc.]) has been tasked with collecting groundwater samples on a five-quarter basis from selected monitoring wells as part of the long-term monitoring plan. AECOM is performing this work under the NYSDEC Superfund Standby Contract Work Assignment D004445-14.3.

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 (March 2010), the building was occupied. 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. Other historic uses, under different ownership, included the manufacturing of wooden kitchen utensils. The building was unoccupied for the past several years but as of January 2, 2008, the building is now occupied. 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 GW P&T 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 GW P&T system. The RSE report indicated various alternative technologies are available for reducing the 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 bioremediation-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, AECOM (formerly Earth Tech Northeast, Inc.) 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 micrograms per liter [µg/L]). 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.

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 EW-3. These soil samples were collected within the shallow saturated 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 ($\mu\text{g}/\text{kg}$). The highest VOC results were obtained from the drywell location at 24 ft bgs with a total VOC concentration of 408,100 $\mu\text{g}/\text{kg}$. Vadose zone and saturated zone soil sample data indicated the contamination was contained within the shallow saturated 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 bioremediation 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 Remedial Action Branch, along with ERT/REAC, were able to provide continued 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 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 GW P&T System Evaluation Sampling (August 31, 2005)

In an effort to evaluate the current status of the GW P&T system, on August 31, 2005, three groundwater samples (including one field duplicate) were shipped to Mitkem Corporation for VOC analysis by USEPA Method 624, along with three air samples (also including one field duplicate), which were shipped to Con-Test Analytical Laboratory for VOC analysis by TO-15.

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 GW P&T system, and contaminants were not detected (at a detection limit of 5 µg/L) 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 would continue to determine if any significant rebound occurs. If no rebound was observed after a reasonable period of time, the treatment system would be permanently shut down and dismantled.

Earth Tech prepared a Dismantlement Plan dated April 2007. The Plan was approved and notice to proceed was given by NYSDEC in a letter dated April 26, 2007. The building was demolished in two phases. All PVC piping and tanks were dismantled in May through June 2007. The interior of the P&T building was stripped of all electrical components, office furniture and equipment. Piping was placed in roll-offs for disposal. Metal was segregated into steel and stainless steel for disposal. Spent carbon was removed from the air stripper tower and placed in 1,000 pound bulk bags. The six 1,000 lb bulk bags were removed from the Site on October 9, 2007 and taken to the Siemens facility for disposal. On November 2, 2007, Veolia ES Technical Solutions removed all waste from the treatment building including water treatment chemicals, test meter solutions and other chemical wastes. Final building demolition and concrete foundation removal occurred in late December 2007. The demolition activities were documented in the Final Pump and Treat Dismantlement Report (Earth Tech, May 2008).

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, South Carolina. 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 2 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 small enclosed trailer). 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 PHOSter™ System Effectiveness Evaluation

On September 15 and 16, 2009, Earth Tech advanced six soil borings and collected subsurface soil samples for analysis of VOCs, phospholipid fatty acids (PLFA) and methanotrophs. The results were presented in the Final PHOSter™ System Soil Sampling Report (AECOM, January, 2010).

3.0 FIELD ACTIVITIES

In accordance with the June 2007 Sampling and Analysis Plan (Earth Tech, June 2007) developed for the SMS Instruments Site, AECOM conducted the fifth of five groundwater sampling events in March 2010. The first round of groundwater sampling was conducted in February 2006, under NYSDEC Work Assignment #D003821-41. The second round of groundwater sampling was conducted in September 2006 (under this work assignment). The third round of groundwater sampling was conducted in August

2007. The fourth round of sampling was conducted in November 2008. This section describes and presents the results of the Round 5 groundwater sampling event that took place on March 8 through 12, 2010.

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 0.0016, a very shallow gradient.

3.3 Groundwater Sampling

Prior to sampling each well, the depth to water was measured using a water level indicator, which was 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 use by washing with Liquinox followed by a tap water rinse and 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, semivolatile organic compounds (SVOCs) by Method 8270C, target analyte list (TAL) metals by Method 6010, and mercury by Method 7470.

Monitoring well locations are presented in Figure 2. A total of 19 monitoring wells were sampled during this sampling event (March 2010). The electric lines to the pumps in extraction wells EW-1 and EW-2 were disconnected during the building demolition in 2007 and no longer function; however, the pumps remain in the wells blocking access for sampling. MW-11 was not sampled during this field effort as the area is under construction and the well could not be located.

4.0 SAMPLING RESULTS FOR ROUNDS 1 THROUGH 5

The laboratory analytical results for the VOCs, SVOCs and TAL metals analyses are included as Tables 3, 4, and 5 of this report, respectively. 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. No VOCs were detected in monitoring wells MW-5, MW-11, and MW-12 during sampling Rounds 1 through 5. A few VOCs have been sporadically detected in monitoring wells MW-2, MW-4, MW-8, MW-9, MW-13, MW-13D, MW-14, MW-15, MW-16M, and MW-16S at concentrations below the criterion during Rounds 1 through 5. Five monitoring wells had one exceedance noted during Rounds 1 through 5 including MW-1, MW-6D, MW-7, MW-16D, and MW-17. (The sporadic Round 5 reported low-concentration detections of chloromethane are not included in the discussion below; see note at the end of this section and Section 4.4.1 of this report.) No VOCs were detected in these wells in Round 5.

During Round 2, hexachlorobutadiene was detected in three monitoring wells at concentrations that exceeded the Class GA criterion of 0.5 µg/L. These wells include MW-6D (2 µg/L), MW-16D (1 µg/L) and MW-17 (2 µg/L). Hexachlorobutadiene was not detected in any other sample during the five sampling events.

In monitoring well MW-1, 1,1-dichloroethane was detected at a concentration of 14 µg/L during the February 2006 sampling which exceeded the Class GA criterion of 5 µg/L. During the September 2006 sampling event, 1,1-dichloroethane was detected at an estimated 4 µg/L. 1,1-Dichloroethane was not detected during the August 2007, November 2008, and March 2010 sampling events. No other VOCs (other than chloromethane in Round 5) have been detected at MW-1.

Two exceedances have been noted at MW-3. Vinyl chloride was detected at a concentration of 8 µg/L which exceeded the Class GA criterion of 2 µg/L during the Round 3 sampling event but was not detected during Rounds 1, 2, 4 and 5. cis-1,2-Dichloroethene was detected at a concentration of 8 µg/L during the Round 3 sampling event which exceeded the criterion of 5 µg/L but was not detected during any other sampling round. Tetrachloroethene (PCE) was detected below the criterion only during Round 4. No VOCs (other than chloromethane) were detected at MW-3 in Round 5. No other VOCs were detected at MW-3 during any of the five sampling events.

At MW-6S, chlorobenzene was detected at an estimated concentration of 1 µg/L during the February 2006 (Class GA criterion of 5 µg/L). Several VOCs, mostly benzene derivatives, ethylbenzene and xylenes, have been detected at MW-6S during the last three sampling events, some of which exceeded their respective criteria. During the November 2008 sampling event, three exceedances of the Class GA criterion were noted: 1,3,5-trimethylbenzene at 11 µg/L; 1,2,4-trimethylbenzene at 21 µg/L; and 1,4-dichlorobenzene at an estimated 3.2 µg/L. The concentrations and the exceedances at this location have remained relatively constant during the three sampling events between September 2006 and November 2008. However, in Round 5 (March 2010), the only benzene-related compound detected was 1,3,5-trimethylbenzene at a low concentration (1.7 µg/L), less than the Class GA criterion.

At MW-6S, four compounds have exceeded the Class GA criterion during the five sampling rounds. Total xylenes were detected in three of five rounds at concentrations ranging from an estimated 4 µg/L to 5 µg/L (Class GA criterion of 5 µg/L). 1,3,5-Trimethylbenzene was detected in four of five rounds at concentrations ranging from an estimated 1.7 µg/L to 11 µg/L, two of which exceeded the Class GA criterion of 5 µg/L. 1,2,4-Trimethylbenzene was detected in three of five rounds at concentrations ranging

from 6 µg/L to 21µg/L, all of which exceeded the Class GA criterion of 5µg/L. 1,4-Dichlorobenzene was detected in three of five sampling rounds at concentrations ranging from an estimated 2 µg/L to 4 µg/L, two of which exceeded the Class GA criterion of 3 µg/L. Six other VOCs were detected at various times at concentrations below their respective criterion during the five rounds. There were no VOCs exceedances during Round 5.

At MW-7, the concentration of 1,1-dichloroethane (Class GA criterion of 5 µg/L) had increased during each of the first three sampling events: 1 µg/L, 3 µg/L and 13 µg/L, respectively. During the November 2008 sampling event, the concentration decreased to an estimated 2.3 µg/L and was not detected during the March 2010 sampling event. 1,1,1-Trichloroethane had been detected below the criterion during the two of five sampling events. None of these VOCs were detected in the Round 5 sample; however, tetrachloroethene (PCE) was detected at an estimated concentration of 1.6 µg/L (less than the Class GA criterion of 5 µg/L as a 'principal organic contaminant').

In round 5, low-concentration detections (2.9 to 5.9 µg/L) of chloromethane were reported sporadically (nine of seventeen samples) in the SDG J0398 groundwater samples analyzed by Mitkem. (Chloromethane was not detected in the three groundwater samples in the later SDG J0445.) This compound was detected infrequently in previous rounds; its presence in Round 5 data may be an artifact (not representative of actual groundwater conditions), as discussed in Section 4.4.1, below.

4.2 Semivolatile Organic Compounds

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

No SVOCs have been detected in monitoring wells MW-4, , MW-11, MW-13, and MW-16S during any of the five sampling events. A few SVOCs have been sporadically detected in monitoring wells MW-2, MW-3, MW-4, MW-8, MW-9, MW-12, MW-13D, MW-14, MW-15 MW-16M, and MW-17 at concentrations below their respective Class GA criteria during the five sampling events.

Bis(2-ethylhexyl)phthalate (BEHP) was detected above the Class GA criterion of 5 µg/L in five wells (MW-1, MW-6S, MW-6D, MW-7 and MW-16D) during Round 1 (February 2006). With the exception of MW-6S, BEHP concentrations have not exceeded the criterion during the last four sampling events.

Several polynuclear aromatic hydrocarbons (PAHs) were detected in monitoring wells MW-6S and MW-6D during Round 1 (February 2006) at concentrations above their respective Class GA criteria. There have been no exceedances in MW-6D during the last four sampling rounds, although there were sporadic hits of several phthalates at concentrations below their respective criteria. The concentrations of several PAHs and phthalates continued to exceed their respective criteria at MW-6S through Rounds 2, 3 and 4. However, there were no exceedances of any SVOCs in MW-6S during Round 5.

4.3 TAL Metals

Results for all five rounds of TAL metals data are shown on Table 5 of this report. The metals data is also summarized on Figure 5. Exceedances of the Class GA criterion were noted for antimony, beryllium, cadmium, chromium, iron, lead, manganese, selenium, sodium, and zinc.

Antimony was detected in 13 of 22 samples during Round 1, three of which exceeded the criterion of 3 µg/L (maximum concentration of 4.7 µg/L in MW-4). Antimony was only detected in four samples during Round 2, none of which exceeded the criterion. During Round 3, antimony was detected in all 19 samples, 16 of which exceeded the criterion (maximum concentration of 15.7 µg/L in MW-14). During Round 4, antimony was not detected in any of the 19 samples collected. In Round 5, antimony was detected in nine of 19 samples, all of which exceeded criteria, with a maximum of 11 µg/L in MW-17.

Beryllium was detected in three of 22 samples during Round 1, three of 20 samples during Round 2 and six of 19 samples during Round 3, none of which exceeded the criterion of 3 µg/L. During Round 4, beryllium was detected in seven of 19 samples, one of which exceeded the criterion, 9.8 µg/L at MW-6S. In Round 5, beryllium was detected in 16 samples, with the one exceedance again occurring at MW-6S (3.7 µg/L).

Cadmium was detected in 21 of 22 samples during Round 1, four of which exceeded the criterion of 5 µg/L (maximum concentration of 72.8 µg/L at MW-13D). Cadmium was detected in 19 of 20 samples during Round 2 of which two exceeded the criterion (maximum concentration of 72.8 µg/L at MW-13D). Cadmium was detected in 15 of 19 samples during Round 3 of which three exceeded the criterion (maximum concentration of 65.5 µg/L at MW-13D). During Round 4, cadmium was detected in 18 of 19 samples and six exceeded the criterion (maximum concentration of 79 µg/L at MW-13D). In Round 5, chromium concentrations exceeded the criterion in four of the 15 samples in which it was detected, with a maximum concentration of 58 µg/L again at MW-13D.

Chromium has been detected in every sample during all five sampling events. There were no exceedances of chromium during Round 1. During Round 2, chromium exceeded the criterion of 50 µg/L at two wells (maximum concentration of 275 µg/L at MW-15). During Round 3, chromium exceeded the criterion at two wells (maximum concentration of 111 µg/L at MW-6S). During the November 2008 sampling event, chromium exceeded the criterion at these same two wells (maximum concentration of 68.2 µg/L at MW-6S). In the March 2010 sampling event, chromium exceedance occurred at four wells including MW-6S and MW-15 again, but the maximum concentration was reported at MW-17 (160 µg/L).

Iron has been detected in every sample collected during all five sampling events. Iron concentrations exceeded the criterion of 300 µg/L in 20 of 22 samples during Round 1 (maximum concentration of 107,000 µg/L at MW-8). Iron exceeded the criterion in 17 of 20 samples during Round 2 (maximum concentration of 60,300 µg/L at MW-7). Iron exceeded the criterion in 15 of 19 samples during Round 3 (maximum concentration of 296,000 µg/L at MW-14). Iron exceeded the criterion in 18 of 19 samples during Round 4 (maximum concentration of 65,100 µg/L at MW-14). Iron concentrations exceeded the criterion in all 19 Round 5 samples, at a maximum concentration of 240,000 µg/L at MW-8.

Lead was detected in 21 of 22 samples during Round 1 but only one sample (135 µg/L at MW-2) exceeded the criterion of 25 µg/L. Lead was detected in 14 of 20 samples during Round 2 with one exceedance (128 µg/L at MW-2). Lead was detected in 14 of 19 samples during Round 3 with two exceedances (maximum concentration of 197 µg/L at MW-2). Lead was detected in 17 of 19 samples during Round 4 with two exceedances (maximum concentration of 271 µg/L at MW-2). In Round 5, lead was detected in 16 of 19 samples, with three exceedances (maximum concentration of 350 µg/L again occurring at MW-2).

Manganese was detected in every sample during all five sampling events. Manganese exceeded the criterion of 300 µg/L in 9 of 22 samples during Round 1 (maximum concentration of 869 µg/L at MW-6S). Manganese exceeded the criterion in seven of 20 samples during Round 2 (maximum concentration of 956 µg/L at MW-12). During Round 3, manganese exceeded the criterion in 11 of 19 samples (maximum concentration of 1,290 µg/L at MW-14). During Round 4, manganese exceeded the criterion in 12 of 19 samples (maximum concentration of 1,940 µg/L at MW-17). In Round 5, manganese exceeded the criterion in 14 samples (maximum 2,600 µg/L at MW-17).

During the February 2006 sampling event, selenium was detected in 14 of 22 samples. 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 in three of 20 samples with no exceedances noted. During the August 2007 sampling event, selenium was detected in all 19 samples with exceedances noted at 15 wells (maximum concentration of 41.2 µg/L at MW-14). During the November 2008 sampling event, selenium was only detected in one well at a concentration below the criterion. In Round 5, selenium was detected in six wells, all at concentrations exceeding the criterion. The maximum Round 5 concentration of 23 µg/L was reported at MW-2, MW-8, and WM-9.

Sodium was detected in every sample collected during all five sampling events. Sodium exceeded the criterion of 20,000 µg/L in three samples during Round 1 (maximum concentration of 28,400 µg/L at MW-1). Sodium exceeded the criterion in five samples during Round 2 (maximum concentration of 31,100 µg/L at MW-6D). Five samples during Round 3 exceeded the criterion (maximum concentration of 73,900 µg/L at MW-1). During Round 4, five samples exceeded the criterion (maximum concentration of 32,200 µg/L at MW-1). In Round 5, the criterion was exceeded in six of the 19 samples (maximum 35,000 µg/L in MW-1).

During the February 2006 sampling event, thallium was detected in nine of 22 samples at concentrations above the Class GA criterion of 0.5 µg/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). During the November 2008 and March 2009 sampling events, thallium was not detected in any of the 19 samples (MDL of 4.2 µg/L [Round 4] and 5.7 µg/L [Round 5]).

Zinc was detected in every sample collected during all five sampling events. During Round 1, only two samples exceeded the criterion of 2,000 µg/L (maximum concentration of 4,620 µg/L at MW-2). During Rounds 2, 3, 4, and 5, the sample from MW-2 had the only exceedances with concentrations of 2,720 µg/L, 3,360 µg/L, 4,230 µg/L, and 12,000 µg/L, respectively.

4.4 Round 5 Data Quality Review

In accordance with the project plans, data generated for this investigation were not subject to formal validation. However, AECOM's quality assurance officer (QAO) reviewed the data for reasonableness and the presence of any anomalies, including issues identified by the laboratory in the case narrative, and other items noted in review of shipping and handling documentation, inconsistencies with previous data,

and review of the laboratory QA forms for the two sample delivery groups (SDGs) comprising the SMS data set (J0398 and J0445). The QAO also reviewed the field duplicate data.

4.4.1 Round 5 Volatile Organic Compound Data Quality

During the March 2010 sampling, chloromethane detected in about half the samples (nine of seventeen) in one of the two SDGs (J0398). This compound had been detected infrequently in previous rounds of sampling; the laboratory noted that it had experienced this same issue previously and the problem was traced back to contamination in the HCl preservative used in the VOC vials procured by Mitkem and provided to the sampling firm. Therefore, AECOM does not consider these low-concentration detections of chloromethane to be representative of environmental conditions.

Toluene was detected in two of the three trip blanks at low concentrations (1.1 µg/L in TB-1 and TB-2). The laboratory-reported detection of toluene at a similar concentration (1.2 µg/L) in MW-17 may be an artifact. (Toluene was not detected in any other Round 5 groundwater sample.)

Laboratory QC was generally good. Laboratory control sample (LCS) recovery and precision was within limits for all analytes for both SDGs. In the site-specific matrix spike/matrix spike duplicate (MS/MSD performed on MW-13D) for SDG J0398, precision was good for all analytes although the recovery was low for 2,2-dichloropropane in both the MS and MSD (42 and 48 percent, respectively; less than the low limit of 70 percent recovery). Low concentrations of xylenes were detected in the method blank in SDG J0398; xylenes were not detected in any of the field samples.

One site-specific field duplicate pair (MW-9/MW-59) was analyzed for VOCs. 1,4-Dichlorobenzene was detected at similar concentrations (1.2 and 1.3 µg/L) in the sample and duplicate, respectively, for a relative percent difference (RPD) of 8 percent. Chloromethane (4.6 µg/L) was detected in the sample but not in the duplicate. No other VOCs were detected in the sample or duplicate.

4.4.2 Round 5 Semivolatile Organic Compound Data Quality

No issues affecting data quality were noted during the evaluation of the data and data package from the Round 5 (March 2010) SVOC sampling. LCS recovery (associated with both SDGs) of hexachlorocyclopentadiene and LCS duplicate (LCSD) recovery of 2-methylnaphthalene were very slightly outside the specified range. There was no (0 percent) recovery of 3,3'-dichlorobenzidine in the site-specific MS/MSD (performed on MW-13D); and the recovery of hexachlorobenzene and precision of 4-chloroaniline and 3-nitroaniline were outside limits. None of these deviations are considered to have a significant adverse impact on the usability of the Round 5 data.

One site-specific field duplicate pair (MW-9/MW-59; reported in J0398) was analyzed for SVOCs. Precision is qualitatively good; no SVOCs were detected in the sample or the duplicate.

4.4.3 Round 5 Metals Data Quality

Metals data for the March 2010 sampling event were reported in two SDGs (16 field samples in J0398, and three field samples in J0445). In SDG J0398, All laboratory QC (Laboratory control sample, laboratory spike, laboratory duplicate, matrix spike, matrix spike duplicate) was within limits. Laboratory QC was performed on site sample MW-13D.

One site-specific field duplicate pair (MW-9/MW-59) was analyzed for metals. Duplicate precision as measured by the RPD was good for the 18 metals for which it could be calculated. RPDs ranged from zero percent (sodium and copper) to 42 percent (selenium, detected at estimated concentrations less than the reporting limit in the sample and duplicate), with a median RPD of 6.7 percent and an average RPD of 11.2 percent.

5.0 SUMMARY AND RECOMMENDATIONS FOR FUTURE SITE REMEDIATION ACTIVITIES

5.1 Summary of Contamination

The following sections summarize the contaminants found at the Site during the five sampling rounds completed to date. Summaries of the compounds detected and exceedances of the Class GA criteria are presented in Table 3 (VOCs), Table 4 (SVOCs) and Table 5 (metals). The exceedances are also presented on Figure 4 (VOCs and SVOCs) and Figure 5 (metals).

5.1.1 Volatile Organic Compounds

During the February 2006 sampling event (Round 1) there were only two VOCs exceedances: chlorobenzene at EW-1 and 1,1-dichloroethane at MW-1. EW-1 was not sampled during Round 2 (September 2006) or Round 3 (August 2007) due to problems with the pump, and was not sampled in Rounds 4 or 5 as the pump electric lines were disconnected during the pump and treat dismantlement 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 wells: MW-3, MW-6S and MW-7. During Round 4, there were three exceedances in monitoring well MW-6S; VOCs were either not detected or detected at concentrations below the criterion in the other 18 monitoring wells. In Round 5, none of the detected VOCs exceeded class GA criteria.

A summary of total VOCs is depicted on Figure 6. Each groundwater sampling event since 1994 is included in the figure. For each sampling event, the total VOC concentration in each monitoring well is graphically represented in the bars. The concentration for MW-1 is shown at the base of the bar; the concentration for MW-2 is then added to the bar, then MW-3 and so on until all 20 monitoring wells are shown with each well depicted by a different color. Each bar represents the total VOC concentration for the sampling event. As shown on the figure, the majority of the groundwater contamination at the Site has historically been present in MW-6S. The trendline depicts the overall decreasing concentrations of VOCs through time from the start of the GW P&T system to the most recent sampling event in November 2008.

Several VOCs, mostly aromatics, have been detected at MW-6S during all four sampling events. The concentrations have remained relatively constant for the most part during this time frame. The concentrations of 1,3,5-trimethylbenzene and 1,2,4-trimethylbenzene showed a steady increase during sampling events 1 through 4: 1,3,5-trimethylbenzene – ND, 3 µg/L, 5 µg/L, and 11 µg/L; and 1,2,4-trimethylbenzene – ND, 6 µg/L, 11 µg/L, and 21 µg/L. However, 1,2,4-trimethylbenzene was not detected in Round 5, and the concentration of 1,3,5-trimethylbenzene decreased to 1.7 µg/L.

Hexachlorobutadiene was not historically associated with the Site. Hexachlorobutadiene exceedances were noted at MW-6D, MW-16D and MW-17 during the September 2006 sampling event; however, it has not been detected in subsequent sampling events. The source of the hexachlorobutadiene is unknown and appears to have been an isolated occurrence.

No significant rebound of VOC concentrations has been noted in the five rounds of groundwater samples collected at the Site since the pump and treat system was shut down in October 2005 with the exception of the two trimethylbenzene compounds at MW-6S. However, in Round 5 trimethylbenzene concentrations decreased significantly and did not exceed GA criteria.

5.1.2 Semivolatile Organic Compounds

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 not detected during Rounds 2, 3, 4, and 5 (a low concentration of BEHP, less than its criterion, was detected in Round 5).

Three SVOCs were detected at concentrations above the criterion during Round 1. During Round 2, only one SVOC was detected above the criterion. Seven SVOCs were detected at concentrations above the criterion during Round 3. During Round 4, eight SVOCs were detected at concentrations above the criterion. Most of the exceedances are polynuclear aromatic hydrocarbons (PAHs) have been detected in MW-6S during three of the four sampling events at concentrations that exceed the criteria. SVOC contamination appears to be limited to MW-6S. No PAHs were detected at MW-6S in Round 5; the only detected SVOCs were low concentrations (less than 3 µg/L) of BEHP and 2-methylphenol.

5.1.3 TAL Metals

Eleven metals have been detected at concentrations that exceed the criterion including antimony, beryllium, cadmium, chromium, iron, lead manganese, selenium, sodium, thallium, and zinc.

Antimony exceedances have varied greatly between sampling events with the majority of exceedances occurring in Round 3 (16 exceedances); however, these exceedances have not been replicated in the other three sampling events, although there was an uptick in Round 5 (nine exceedances). Similarly, selenium concentrations peaked during Round 3 (15 exceedances) but were not replicated in the Round 1, Round 2, and Round 4 sampling events; six exceedances were reported in Round 5. Consequently, the presence of antimony and selenium do not appear to be site related. Beryllium has only exceeded the criterion twice in five sampling rounds (both times at MW-6S) and does not appear to be an issue at the Site. The presence of iron, manganese and sodium in groundwater are most likely related to background conditions on Long Island and do not appear to be Site related.

Cadmium exceedances appear to be localized and are present in monitoring wells MW-5, MW-13D and MW-16D. Chromium exceedances are limited to monitoring wells MW-6S, MW-15 and MW-16S (plus MW-17 in Round 5). Lead exceedances are generally limited to monitoring wells MW-2 and MW-6S. Zinc exceedances have been noted in all five sampling events at MW-2 and once at MW-6S (Round 1).

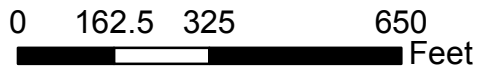
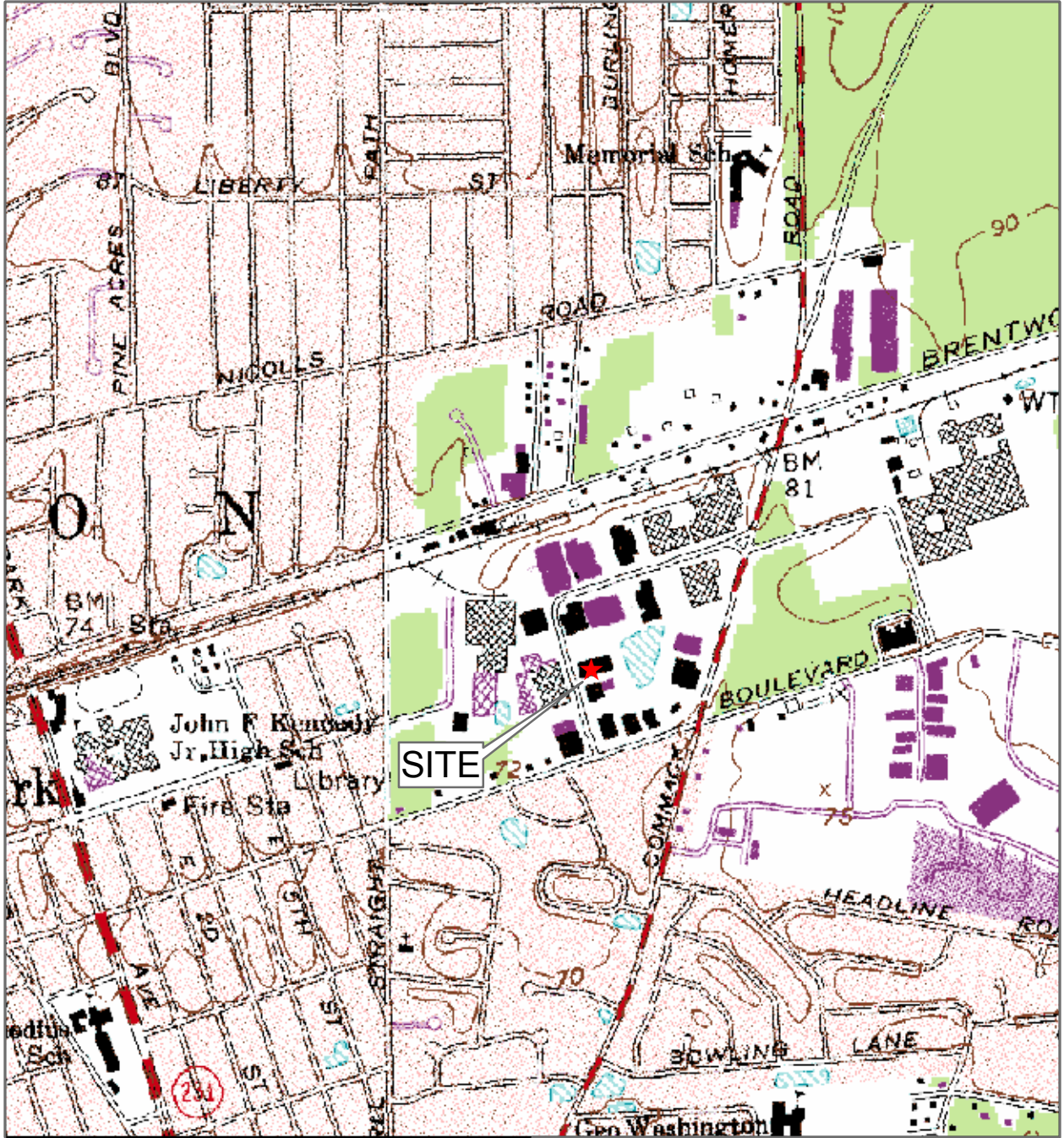
Although thallium concentrations have exceeded the criterion in numerous samples, the exceedances have for the most part not been replicated from one sampling event to the next. The exception has been at monitoring wells MW-6S and MW-13 where the concentration has exceeded the criterion in the first three sampling events. However, thallium has not been detected in any of the groundwater samples collected in Round 4 or Round 5.

5.2 Recommendations

AECOM recommends the following for the SMS Instruments Site:

- Collection of a final round of soil boring samples 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; and
- One additional round of groundwater sampling in 2011 for final Site closeout.

FIGURES

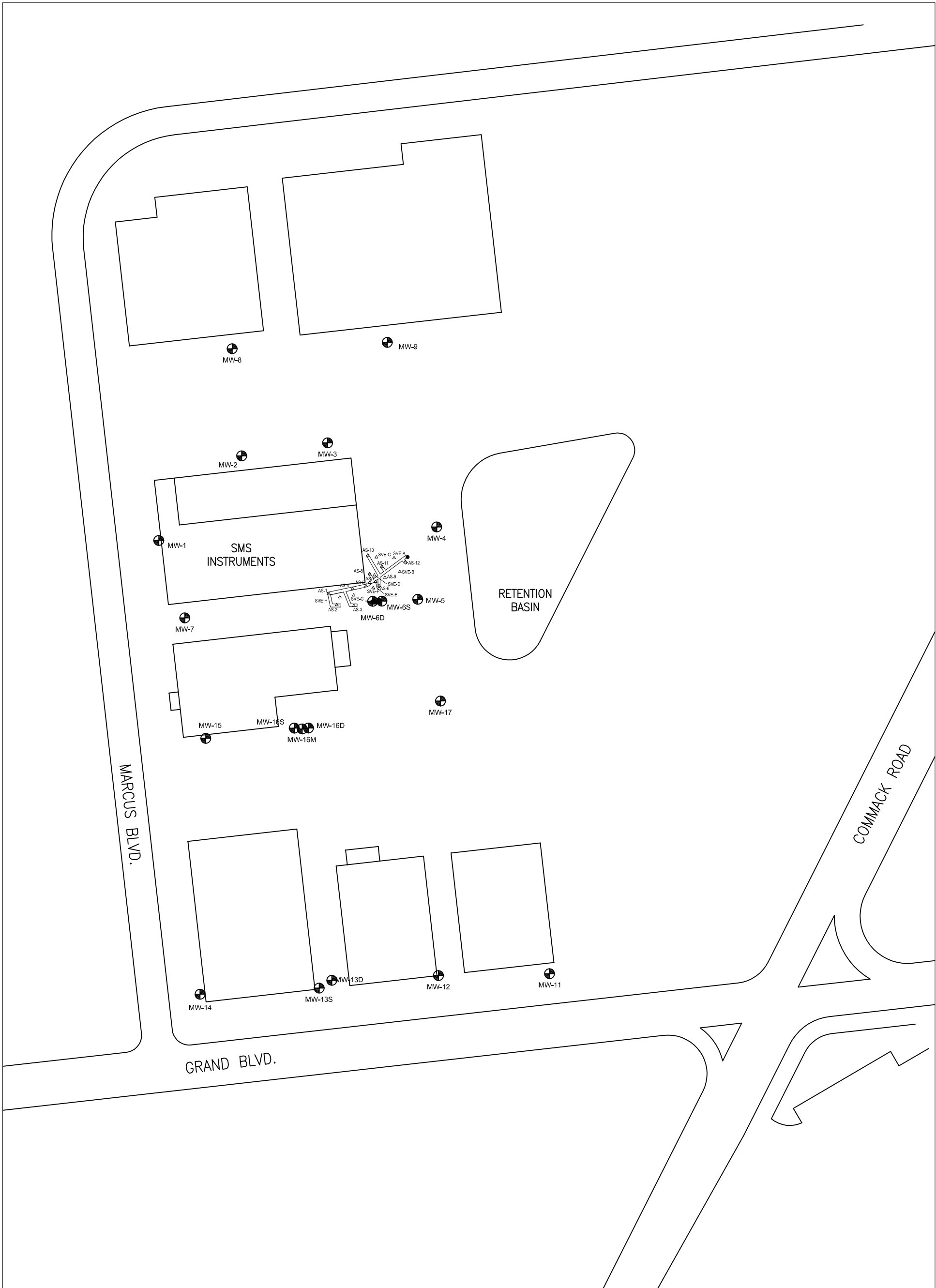


AECOM



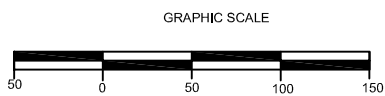
SMS INSTRUMENTS
DEER PARK, NEW YORK

SITE LOCATION MAP



LEGEND:


 EXISTING MONITORING WELLS



Prepared by :



SUBMITTED BY :

PK

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

DRAWN BY :

SC

**MONITORING WELL
LOCATION MAP**

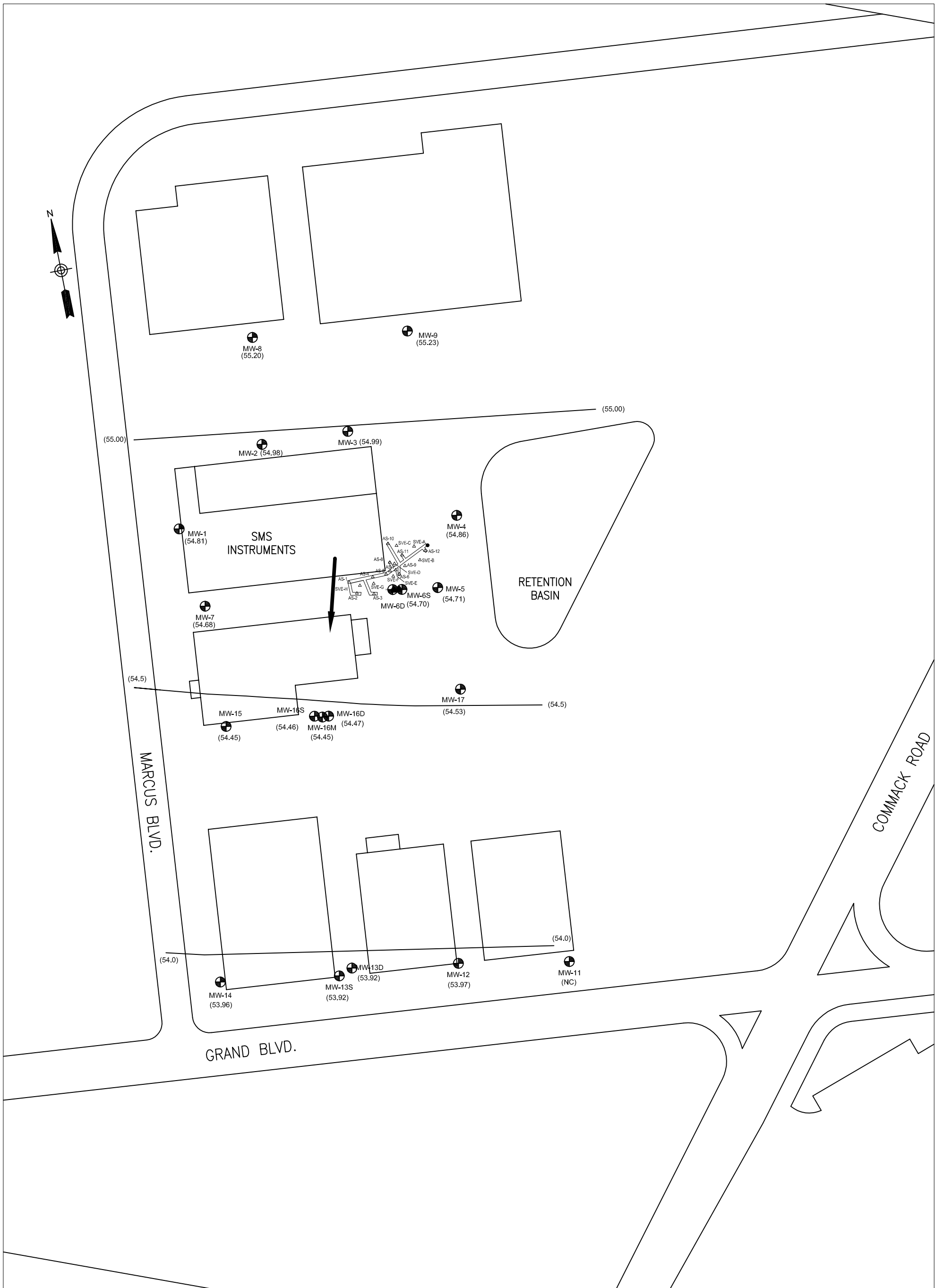
APPROVED BY :

PK





DATE :
JUNE 2010

SCALE :
AS SHOWN

DRAWING NO. :
2



LEGEND:

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

GRAPHIC SCALE



Prepared by :



SUBMITTED BY :

PK

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

DRAWN BY :

SC

**GROUNDWATER CONTOUR
MAP
MARCH 8, 2010**

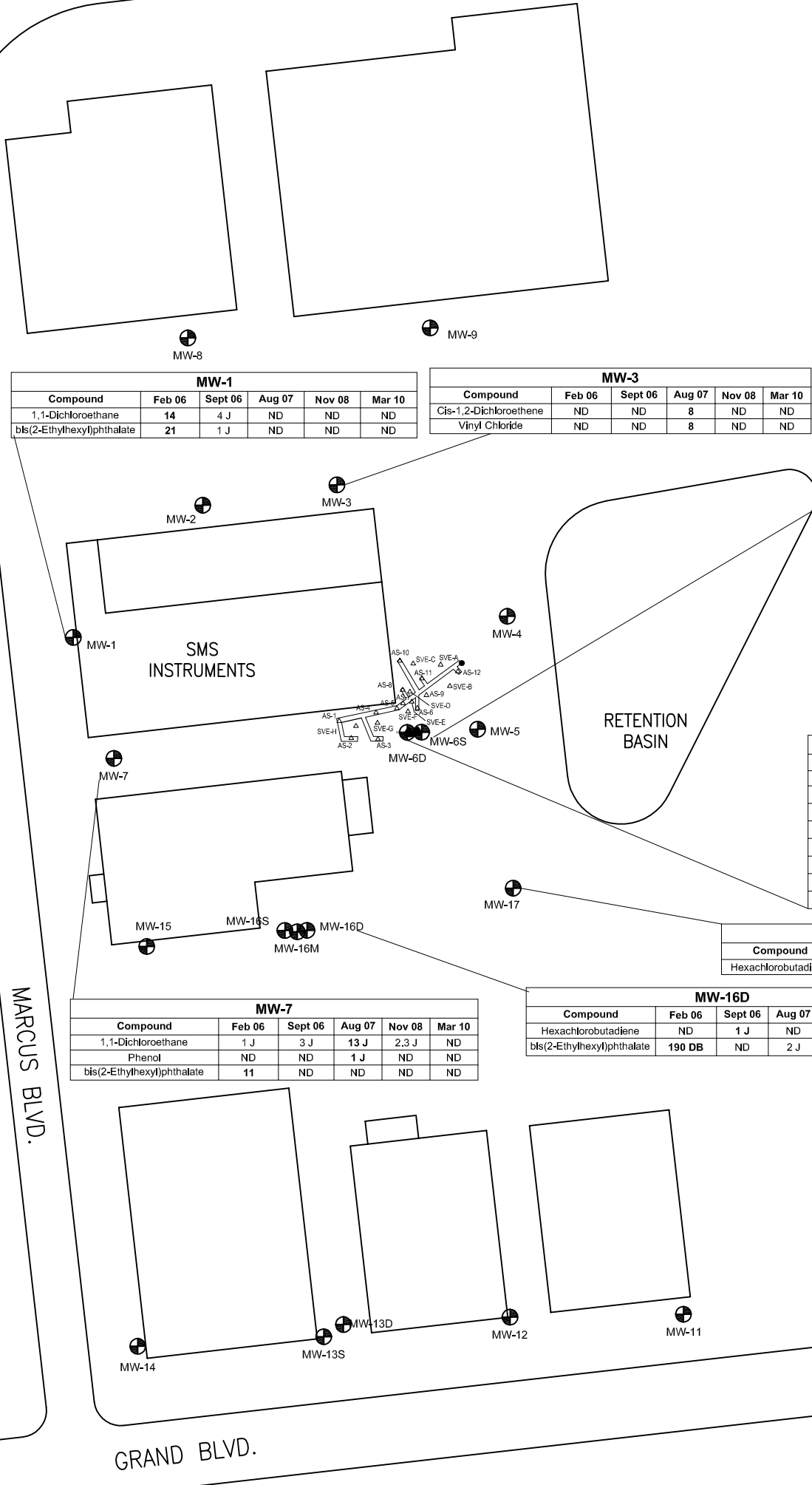
APPROVED BY :

PK

DATE :
JUNE 2010

SCALE :
AS SHOWN

DRAWING NO. :
3



MW-1					
Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
1,1-Dichloroethane	14	4 J	ND	ND	ND
bis(2-Ethylhexyl)phthalate	21	1 J	ND	ND	ND

MW-3					
Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Cis-1,2-Dichloroethene	ND	ND	8	ND	ND
Vinyl Chloride	ND	ND	8	ND	ND

MW-6S					
Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Xylene (Total)	ND	5	4 J	4.1 J	ND
1,3,5-Trimethylbenzene	ND	3 J	5	11	1.7 J
1,2,4-Trimethylbenzene	ND	6	11	21	ND
1,4-Dichlorobenzene	ND	2 J	4 J	3.2 J	ND
Phenol	ND	ND	ND	1.2 J	ND
Benzo(a)anthracene	ND	ND	1 J	1.2 J	ND
Chrysene	1 J	ND	2 J	2.2 J	ND
bis(2-Ethylhexyl)phthalate	6 JB	4 J	6 J	12	2.6 J
Benzo(b)fluoranthene	1 J	1 J	3 J	8.4 J	ND
Benzo(k)fluoranthene	ND	ND	1 J	6.5 J	ND
Benzo(a)pyrene	ND	ND	2 J	3.1 J	ND
Indeno(1,2,3-cd)pyrene	ND	ND	2 J	4.9 J	ND

MW-6D					
Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Hexachlorobutadiene	ND	2 J	ND	ND	ND
Benzo(a)anthracene	1 J	ND	ND	ND	ND
Chrysene	2 J	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5 JB	3 J	4 J	3 J	ND
Benzo(b)fluoranthene	2 J	ND	ND	ND	ND
Benzo(k)fluoranthene	1 J	ND	ND	ND	ND
Benzo(a)pyrene	2 J	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	1 J	ND	ND	ND	ND

MW-17					
Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Hexachlorobutadiene	ND	2 J	ND	ND	ND

MW-7					
Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
1,1-Dichloroethane	1 J	3 J	13 J	2.3 J	ND
Phenol	ND	ND	1 J	ND	ND
bis(2-Ethylhexyl)phthalate	11	ND	ND	ND	ND

MW-16D					
Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Hexachlorobutadiene	ND	1 J	ND	ND	ND
bis(2-Ethylhexyl)phthalate	190 DB	ND	2 J	ND	ND

LEGEND:

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



Prepared by :



SUBMITTED BY :

PK

DRAWN BY :

SC

APPROVED BY :

PK

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

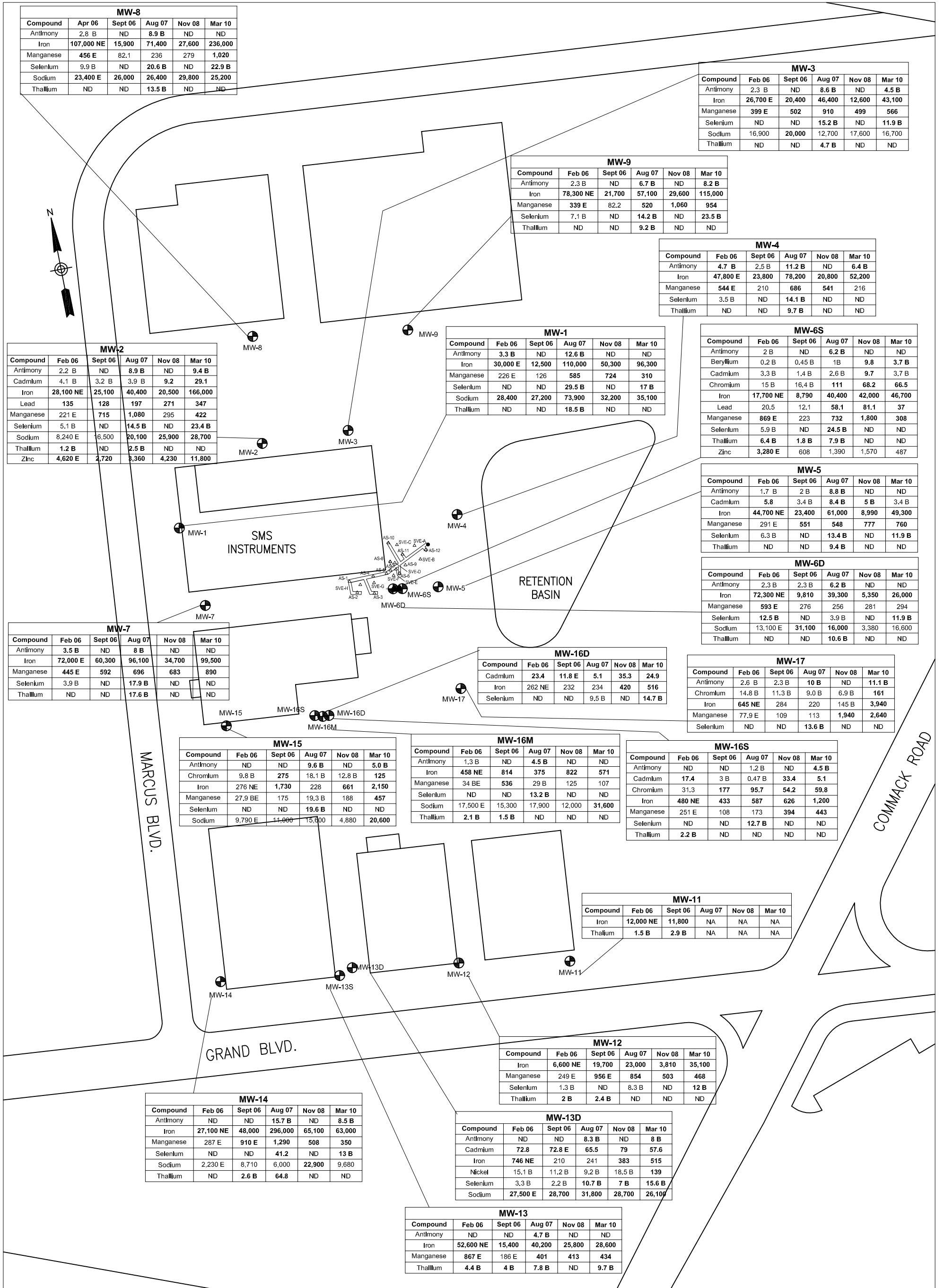
**VOCs & SVOCs
EXCEEDANCES IN
GROUNDWATER**

DATE :
JUNE 2010

SCALE :
AS SHOWN

DRAWING NO. :

4



LEGEND:

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



Prepared by :

SUBMITTED BY : PK

DRAWN BY : SC

APPROVED BY : PK

DATE : JUNE 2010

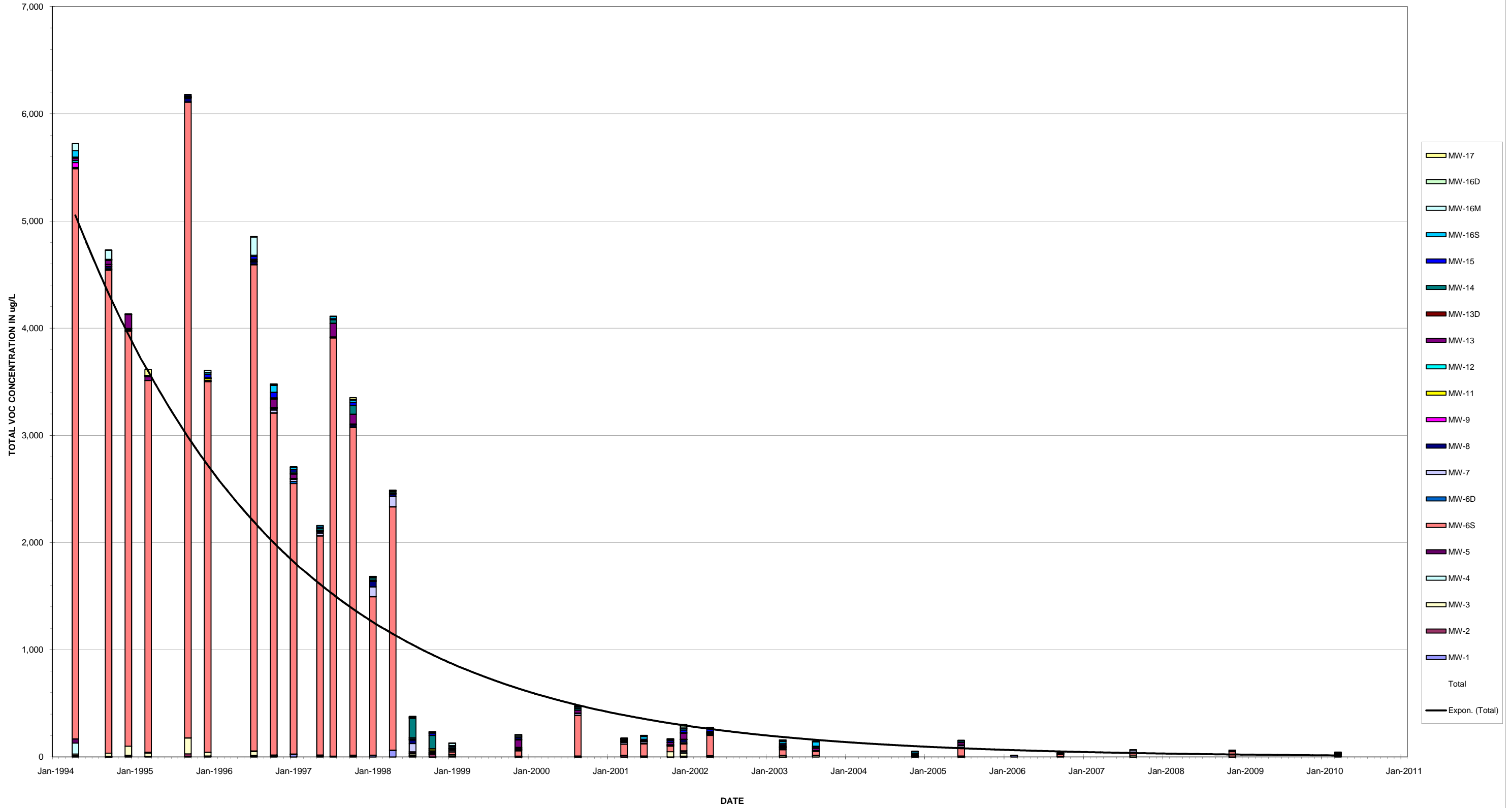
SCALE : AS SHOWN

DRAWING NO. : **5**

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

METALS EXCEEDANCE IN GROUNDWATER

FIGURE 6
TOTAL VOCs IN MONITORING WELLS



TABLES

TABLE 1
SMS INSTRUMENTS SITE (1-25-026)
WELL CONSTRUCTION DATA

Well Number	Northing	Easting	GPS Latitude	GPS Longitude	Ground Elevation	Top of Riser Elevation	Top of Casing Elevation	Total Depth of Well
MW-1	4,932.30	5,066.36	40° 45.691'	73° 18.969'	73.7	73.18	73.71	30.3
MW-2	5,030.89	5,162.26	40° 45.712'	73° 18.951'	72.7	72.34	72.73	28.5
MW-3	5,046.01	5,262.27	40° 45.716'	73° 18.930'	72.0	71.40	72.00	26.0
MW-4	4,947.99	5,389.05	40° 45.702'	73° 18.902'	72.7	72.04	72.70	29.6
MW-5	4,864.24	5,367.21	40° 45.689'	73° 18.911'	71.5	70.87	71.54	20.6
MW-6S	4,861.60	5,322.33	40° 45.690'	73° 18.915'	71.2	70.64	71.17	26.2
MW-6D	4,861.31	5,315.87	40° 45.690'	73° 18.919'	71.2	70.70	71.16	95.7
MW-7	4,842.41	5,095.83	40° 45.676'	73° 18.960'	72.6	72.09	72.64	28.7
MW-8	5,155.39	5,151.21	40° 45.728'	73° 18.959'	71.7	71.22	71.70	29.1
MW-9	5,162.70	5,331.93	40° 45.729'	73° 18.923'	71.1	70.58	71.11	28.8
MW-11	4,428.51	5,520.19	Missing		68.1	67.54	68.12	16.5
MW-12	4,426.77	5,391.08	40° 45.613'	73° 18.910'	70.4	69.82	70.43	47.5
MW-13	4,411.78	5,252.31	40° 45.617'	73° 18.907'	71.6	71.16	71.62	36.9
MW-13D	4,420.90	5,267.66	40° 45.620'	73° 18.881'	72.1	71.20	72.06	101.4
MW-14	4,404.80	5,114.02	40° 45.610'	73° 18.932'	71.8	71.29	71.84	45.9
MW-15	4,702.67	5,120.87	40° 45.658'	73° 18.945'	72.0	71.55	72.01	36.6
MW-16S	4,712.87	5,226.27	40° 45.690'	73° 18.915'	72.0	71.47	72.03	36.9
MW-16M	4,713.25	5,233.41	40° 45.690'	73° 18.927'	72.2	71.59	72.17	56.7
MW-16D	4,714.18	5,239.60	40° 45.690'	73° 18.919'	72.1	71.62	72.10	76.9
MW-17	4,745.67	5,393.99	40° 45.671'	73° 18.893'	71.7	71.19	71.68	36.5

Notes:

All elevations and depths in feet
GPS coordinates collected using a Magellan hand-held GPS unit
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	
		11/5/08	19.25	53.93	
		3/8/10	18.37	54.81	
MW-2	72.34	8/13/07	16.91	55.43	
		11/5/08	18.19	54.15	
		3/8/10	17.36	54.98	
MW-3	71.40	8/13/07	15.95	55.45	
		11/5/08	17.22	54.18	
		3/8/10	16.41	54.99	
MW-4	72.04	8/13/07	16.68	55.36	
		11/5/08	17.99	54.05	
		3/8/10	17.18	54.86	
MW-5	70.87	8/13/07	15.72	55.15	
		11/5/08	16.99	53.88	
		3/8/10	16.16	54.71	
MW-6S	70.64	8/13/07	15.15	55.49	
		11/5/08	16.73	53.91	
		3/8/10	15.94	54.70	
MW-6D	70.70	8/13/07	15.59	55.11	
		11/5/08	16.75	53.95	
		3/8/10	16.02	54.68	
MW-7	72.09	8/13/07	17.06	55.03	
		11/5/08	18.28	53.81	
		3/8/10	17.41	54.68	
MW-8	71.22	8/13/07	15.54	55.68	
		11/5/08	16.85	54.37	
		3/8/10	16.02	55.20	
MW-9	70.58	8/13/07	14.87	55.71	
		11/5/08	16.24	54.34	
		3/8/10	15.35	55.23	
MW-11	67.54	8/13/07			could not locate
		11/5/08			
		3/8/10			

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

Well #	Reference Elevation	Date	Depth To Water	Water Table Elevation	Comments
MW-12	69.82	8/13/07	15.57	54.25	
		11/5/08	16.78	53.04	
		3/8/10	15.85	53.97	
MW-13	71.16	8/13/07	17.08	54.08	
		11/5/08	18.19	52.97	
		3/8/10	17.24	53.92	
MW-13D	71.20	8/13/07	17.01	54.19	
		11/5/08	18.24	52.96	
		3/8/10	17.28	53.92	
MW-14	71.29	8/13/07	17.24	54.05	
		11/5/08	18.33	52.96	
		3/8/10	17.33	53.96	
MW-15	71.55	8/13/07	16.78	54.77	
		11/5/08	18.03	53.52	
		3/8/10	17.10	54.45	
MW-16S	71.47	8/13/07	16.64	54.83	
		11/5/08	17.90	53.57	
		3/8/10	17.01	54.46	
MW-16M	71.59	8/13/07	16.75	54.84	
		11/5/08	18.01	53.58	
		3/8/10	17.14	54.45	
MW-16D	71.62	8/13/07	16.79	54.83	
		11/5/08	18.05	53.57	
		3/8/10	17.15	54.47	
MW-17	71.19	8/13/07	16.26	54.93	
		11/5/08	17.51	53.68	
		3/8/10	16.66	54.53	

All readings are from top of PVC casing.
All measurements are in feet.

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	EW-1		EW-1		EW-1		EW-1		EW-1		EW-2		EW-2		EW-2		EW-2		EW-2	
		SMS-EW-1 E0136-20A 2/9/06 µg/L conc Q	SMS-EW-1 09-12-06 µg/L conc Q	SMS-EW-1 08-14-07 µg/L conc Q	SMS-EW-1 11/5/08 µg/L conc Q	SMS-EW-1 µg/L conc Q	SMS-EW-1 µg/L conc Q	SMS-EW-2 E0203-03C 2/23/06 µg/L conc Q	SMS-EW-2 09-12-06 µg/L conc Q	SMS-EW-2 08-14-07 µg/L conc Q	SMS-EW-2 11/5/08 µg/L conc Q	SMS-EW-2 µg/L conc Q	SMS-EW-2 µg/L conc Q	SMS-EW-2 µg/L conc Q	SMS-EW-2 µg/L conc Q						
Vinyl Chloride	2	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Acetone	50	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Methyl tert-butyl ether	10	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
1,1-Dichloroethane	5	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
cis-1,2-Dichloroethene	5	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
1,1,1-Trichloroethane	5	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Tetrachloroethene	5	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Trichloroethene	5	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Chlorobenzene	5	32.0	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Chloroform	7	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Chloromethane	NC	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Ethylbenzene	5	1.0 J	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Toluene	5	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Xylene (Total)	5	5.0	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Isopropylbenzene	5	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
n-Propylbenzene	5	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
1,3,5-Trimethylbenzene	5	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
1,2,4-Trimethylbenzene	5	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
1,3-Dichlorobenzene	3	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
1,4-Dichlorobenzene	3	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA								
1,2,4-Trichlorobenzene	5	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Hexachlorobutadiene	0.5	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Naphthalene	10	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
1,2,3-Trichlorobenzene	5	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								
Number of TICs		0	NA	NA	NA	NA	NA	0	0	0	0	0	0								
Total TICs		ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA								

Notes: ND - Not Detected
J - Estimated value
NC - No criterion

Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID	Class GA	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2
Laboratory ID	Ground	E0153-03A	E1376-16A	F1135-05A	G2029-10C	J0398-04A	E0136-03A	E1376-17A	F1135-13A	G2029-02C	J0398-05A
Sample Date	Water	2/10/06	09-12-06	08-14-07	11/5/08	3/09/10	2/7/06	09-12-06	08-15-07	11/4/08	3/9/10
Units	Criteria	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	14.0	4 J	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	ND	ND	3.3 J	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	0	0	0	0	0	0	0
Total TICs		ND	ND	ND	ND	NA	ND	ND	ND	ND	NA

Notes: ND - Not Detected
J - Estimated value
NC - No criterion

Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-4	MW-4
Sample ID	Class GA	SMS-MW-3	SMS-MW-3	SMS-MW-3	SMS-MW-3	SMS-MW-3	SMS-MW-4	SMS-MW-4	SMS-MW-4	SMS-MW-4	SMS-MW-4
Laboratory ID	Ground	E0153-05A	E1376-12A	F1135-11A	G2029-03C	J0398-06A	E0153-01A	E1376-14A	F1135-14A	G2029-04C	J0398-14A
Sample Date	Water	2/10/06	09-12-06	08-15-07	11/4/08	3/9/10	2/9/06	09-12-06	08-15-07	11/4/08	3/11/10
Units	Criteria	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vinyl Chloride	2	ND	ND	8	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	8	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	1.4 J	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	ND	ND	4.2 J	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	0	0	0	0	0	0	0
Total TICs		ND	ND	ND	0	NA	ND	ND	ND	ND	NA

Notes: ND - Not Detected
J - Estimated value
NC - No criterion

Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-5		MW-5		MW-5		MW-5		MW-5		MW-6D		MW-6D		MW-6D		MW-6D		MW-6D			
		SMS-MW-5 E0136-19A 2/9/06 µg/L conc	Q	SMS-MW-5 E1376-03A 09-11-06 µg/L conc	Q	SMS-MW-5 F1135-03A 08-14-07 µg/L conc	Q	SMS-MW-5 G2029-05C 11/4/08 µg/L conc	Q	SMS-MW-5 J0398-11A 3/10/10 µg/L conc	Q	SMS-MW-6D E0136-17A 2/9/06 µg/L conc	Q	SMS-MW-6D E1376-05A 09-11-06 µg/L conc	Q	SMS-MW-6D F1135-02A 08-14-07 µg/L conc	Q	SMS-MW-6D G2029-07C 11/5/08 µg/L conc	Q	SMS-MW-6D J0398-10A 3/10/10 µg/L conc	Q		
Vinyl Chloride	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acetone	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methyl tert-butyl ether	10	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethane	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chlorobenzene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	7	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloromethane	NC	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		5.9	
Ethylbenzene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Xylene (Total)	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Isopropylbenzene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Propylbenzene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,3,5-Trimethylbenzene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2,4-Trimethylbenzene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2,4-Trichlorobenzene	5	ND		ND		ND		ND		ND		ND		1 J		ND		ND		ND		ND	
Hexachlorobutadiene	0.5	ND		ND		ND		ND		ND		ND		2 J		ND		ND		ND		ND	
Naphthalene	10	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2,3-Trichlorobenzene	5	ND		ND		ND		ND		ND		ND		2 J		ND		ND		ND		ND	
Number of TICs		0		0		0		0		0		0		0		0		0		0		0	
Total TICs		ND		ND		ND		ND		NA		ND		ND		ND		ND		ND		NA	

Notes: ND - Not Detected
J - Estimated value
NC - No criterion

Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-7	MW-7	MW-7	MW-7	MW-7
Sample ID	Class GA	SMS-MW-6S	SMS-MW-6S	SMS-MW-6S	SMS-MW-6S	SMS-MW-6S	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7
Laboratory ID	Ground	E0136-13A	E1376-01A	F1135-01A	G2029-08C	J0398-9A	E0153-07A	E1376-07A	F1135-04A	G2029-09C	J0398-08A
Sample Date	Water	2/8/06	09-11-06	08-14-07	11/5/08	3/10/10	2/10/06	09-11-06	08-14-07	11/5/08	3/10/10
Units	Criteria	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	1.0 J	3 J	13 J	2.3 J	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	1 J	4 J	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6 J
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	1.0 J	ND	2 J	1.1 J	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	ND	ND	5.1	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	2 J	ND	1.2 J	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	5	4 J	4.1 J	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	1 J	1.6 J	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	3 J	5	11	1.7 J	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	6	11	21	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	2 J	1.7 J	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	2 J	4 J	3.2 J	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	1	0	0	0	0	0	0
Total TICs		ND	ND	ND	0 NJ	NA	ND	ND	ND	ND	NA

Notes: ND - Not Detected
J - Estimated value
NC - No criterion

Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-8		MW-8		MW-8		MW-8		MW-8		MW-9		MW-9		MW-9		MW-9		MW-9	
		SMS-MW-8 E0136-01A 2/7/06 µg/L conc Q	SMS-MW-8 E1376-02A 09-11-06 µg/L conc Q	SMS-MW-8 F1135-07A 08-14-07 µg/L conc Q	SMS-MW-8 G2029-01C 11/4/08 µg/L conc Q	SMS-MW-8 J0398-03A 3/9/10 µg/L conc Q	SMS-MW-8 E0136-02A 2/7/06 µg/L conc Q	SMS-MW-9 E1376-15A 09-12-06 µg/L conc Q	SMS-MW-9 F1135-06A 08-14-07 µg/L conc Q	SMS-MW-9 G2029-16C 11/6/08 µg/L conc Q	SMS-MW-9 J0398-01A 3/9/10 µg/L conc Q										
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	5.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	1.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	ND	3.5 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.6 J
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3 J
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Total TICs		ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28 J	NA

Notes: ND - Not Detected
J - Estimated value
NC - No criterion

Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-11	MW-11	MW-11	MW-11	MW-11	MW-12	MW-12	MW-12	MW-12	MW-12
		SMS-MW-11 E0136-05A 2/8/06 µg/L conc Q	SMS-MW-11 E1400-06A 09-13-06 µg/L conc Q	SMS-MW-11 08-14-07 µg/L conc Q	SMS-MW-11 11/7/08 µg/L conc Q	SMS-MW-11 3/10/10 µg/L conc Q	SMS-MW-12 NA E0136-06A 2/8/06 µg/L conc Q	SMS-MW-12 E1400-05A 09-13-06 µg/L conc Q	SMS-MW-12 F1159-04A 08-17-07 µg/L conc Q	SMS-MW-12 G2029-23C 11/7/08 µg/L conc Q	SMS-MW-12 J0445-03A 3/12/10 µg/L conc Q
Vinyl Chloride	2	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Acetone	50	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Toluene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Number of TICs		0	0	0	0	0	0	0	0	1	0
Total TICs		ND	ND	NA	NA	NA	ND	ND	ND	31 J	NA

Notes: ND - Not Detected
J - Estimated value
NC - No criterion

Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-13		MW-13		MW-13		MW-13D		MW-13D		MW-13D											
		SMS-MW-13 E0136-07A 2/8/06 µg/L conc	Q	SMS-MW-13 E1400-01A 09-13-06 µg/L conc	Q	SMS-MW-13 F1159-03A 8/17/07 µg/L conc	Q	SMS-MW-13S G2029-21C 11/7/08 µg/L conc	Q	SMS-MW-13S J0445-02A 3/12/10 µg/L conc	Q	SMS-MW-13D E0136-09A 2/8/06 µg/L conc	Q	SMS-MW-13D E1400-02A 09-13-06 µg/L conc	Q	SMS-MW-13D F1135-19A 08-16-07 µg/L conc	Q	SMS-MW-13D G2029-22C 11/7/08 µg/L conc	Q	SMS-MW-13D J0398-19A 3/11/10 µg/L conc	Q		
Vinyl Chloride	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acetone	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methyl tert-butyl ether	10	1.0 J		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethane	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chlorobenzene	5	ND		2 J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	7	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloromethane	NC	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		2.9 J	
Ethylbenzene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Xylene (Total)	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Isopropylbenzene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Propylbenzene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,3,5-Trimethylbenzene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2,4-Trimethylbenzene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2,4-Trichlorobenzene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobutadiene	0.5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	10	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2,3-Trichlorobenzene	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Number of TICs		0		0		0		1		0		0		0		0		1		0		0	
Total TICs		ND		ND		ND		34 J		NA		ND		ND		ND		36 J		NA		NA	

Notes: ND - Not Detected
J - Estimated value
NC - No criterion

Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-14		MW-14		MW-14		MW-14		MW-14		MW-15		MW-15		MW-15		MW-15		MW-15	
		SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15
		E0136-08A	E1400-07A	F1135-18A	G2029-19C	J0445-01A	E0136-11A	E1376-11A	F1135-17A	G2029-15C	J0398-15A										
		2/8/06	09-13-06	08-16-07	11/7/08	3/12/10	2/8/06	09-12-06	08-16-07	11/6/08	3/11/10										
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.1 J
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	1	0	0	0	0	1	0										
Total TICs		ND	ND	ND	30 J	NA	ND	ND	ND	33 J	NA										

Notes: ND - Not Detected
J - Estimated value
NC - No criterion

Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-16D		MW-16D		MW-16D		MW-16D		MW-16M		MW-16M		MW-16M		MW-16M	
		SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M
		E0136-16A	E1400-03A	F1135-09A	G2029-14C	J0398-17A	E0136-15A	E1376-10A	F1135-10A	G2029-13C	J0398-18A						
		2/9/06	09-13-06	08-13-07	11/6/08	3/11/10	2/9/06	09-12-06	08-13-07	11/6/08	3/11/10						
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	1 J	1 J	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3 J	ND	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	ND	ND	5.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0
Total TICs		ND	ND	ND	29 J	NA	ND	ND	ND	36 J	NA	ND	ND	ND	NA	ND	NA

Notes: ND - Not Detected
J - Estimated value
NC - No criterion

Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 3
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-16S		MW-16S		MW-16S		MW-16S		MW-16S		MW-17		MW-17		MW-17		MW-17		MW-17	
		SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17
		E0136-12A	E1376-09A	F1135-16A	G2029-12C	J0398-16A	E0136-18A	E1376-04A	F1135-15A	G2029-11C	J0398-12A										
		2/9/06	09-12-06	08-16-07	11/6/08	3/11/10	2/9/06	09-11-06	08-16-07	11/6/08	3/10/10										
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2 J	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total TICs		ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA

Notes: ND - Not Detected
J - Estimated value
NC - No criterion

Bold/Italics - Exceeds criterion
NA - Not Analyzed

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	EW-1		EW-1		EW-1		EW-1		EW-1		EW-2		EW-2		EW-2		EW-2		EW-2	
		SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01	SMS-EW-01
		E0136-20B										E0203-03C									
		2/9/06	9/12/06	8/14/07	11/5/08	3/9/10	2/23/06	9/12/06	8/14/07	11/5/08	3/9/10	2/23/06	9/12/06	8/14/07	11/5/08	3/9/10	2/23/06	9/12/06	8/14/07	11/5/08	3/9/10
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Phenol	1	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	3	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NC	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	NC	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	50	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	50	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	50	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	50	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butylbenzyl phthalate	50	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.002	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NC	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
Chrysene	0.002	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	5	83 B	NA	NA	NA	NA	1.0 J	NA	NA	NA	NA	1.0 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	50	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.002	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.002	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	ND	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.002	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NC	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Number of TICs		2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total TICs		322 J	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes: ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed
B - Possible laboratory contamination
NC - No criterion

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-1		MW-1		MW-1		MW-1		MW-1		MW-2		MW-2		MW-2		MW-2		MW-2	
		SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2
		E0153-03B	E1376-16B	F1135-05B	G2029-10C	J0398-04C	E0136-03C	E1376-17B	F1135-13B	G2029-02C	J0398-05C										
		2/10/06	9/12/06	8/14/07	11/5/08	3/9/10	2/7/06	9/12/06	8/15/07	11/4/08	3/9/10										
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	21.0	1 J	ND	ND	ND	2.0 J	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		3	3	3	1	NA	2	0	9	0	NA										
Total TICs		111 J	32 J	28 J	4.1 NJ	NA	634 J	ND	34 J	ND	NA										

Notes: ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed
B - Possible laboratory contamination
NC - No criterion

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-3		MW-3		MW-3		MW-3		MW-3		MW-4		MW-4		MW-4		MW-4		MW-4	
		SMS-MW-3	SMS-MW-3	SMS-MW-3	SMS-MW-3	SMS-MW-3	SMS-MW-3	SMS-MW-3	SMS-MW-3	SMS-MW-4	SMS-MW-4	SMS-MW-4	SMS-MW-4	SMS-MW-4	SMS-MW-4	SMS-MW-4	SMS-MW-4	SMS-MW-4	SMS-MW-4	SMS-MW-4	SMS-MW-4
		E0153-05B	E1376-12B	F1135-12B	G2029-03C	J0398-06C	E0153-01B	E1376-14B	F1135-14B	G2029-04C	J0398-14C										
		2/10/06	9/12/06	8/15/07	11/4/08	3/9/10	2/9/06	9/12/06	8/15/07	11/4/08	3/11/10										
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	2.0 J	2 J	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		3	1	4.0	0.0	NA	1	0	7	0	NA	1	0	7	0	NA	1	0	7	0	NA
Total TICs		323 J	7 J	49 J	ND	NA	9 J	ND	79 J	ND	NA	9 J	ND	79 J	ND	NA	9 J	ND	79 J	ND	NA

Notes: ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed
B - Possible laboratory contamination
NC - No criterion

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-5		MW-5		MW-5		MW-5		MW-5		MW-6D		MW-6D		MW-6D		MW-6D		MW-6D	
		SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D
		E0136-19B	E1376-03B	F1135-03B	G2029-05C	J03898-11C	E0136-17B	E1376-05B	F1135-02B	G2029-07C	J0398-10C										
		2/9/06	9/11/06	8/14/07	11/4/08	3/10/10	2/9/06	9/11/06	8/14/07	11/5/08	3/10/10										
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	2.0 J	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	2.0 J	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	1.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	2.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	ND	1 J	ND	ND	ND	ND	5.0 JB	3 J	4 J	3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	2.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	1.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	2.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND	ND	ND	ND	1.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NC	ND	ND	ND	ND	ND	ND	2.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		2	0	3	0	NA	10	0	3	6	NA										
Total TICs		353 J	ND	28 J	ND	NA	963 J	ND	29 J	177.5 NJ	NA										

Notes: ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed
B - Possible laboratory contamination
NC - No criterion

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-6S		MW-6S		MW-6S		MW-6S		MW-6S		MW-7		MW-7		MW-7		MW-7		MW-7	
		SMS-MW-6S	SMS-MW-6S	SMS-MW-6S	SMS-MW-6S	SMS-MW-6S	SMS-MW-6S	SMS-MW-6S	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7
		E0136-13C	E1376-01B	F1135-01B	G2029-08C	J0398-09C	E0203-01A	E1376-07B	F1135-04B	G2029-09C	J0398-08C										
		2/8/06	9/11/06	8/14/07	11/5/08	3/10/10	2/23/06	9/11/06	8/14/07	11/5/08	3/10/10										
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Phenol	1	ND	ND	ND	1.2 J	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	1.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	2.0 J	1 J	ND	1.3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NC	ND	ND	ND	ND	1.3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	1.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	1.0 J	ND	2 J	3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	1.0 J	ND	1 J	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	5.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	1 J	1.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NC	ND	ND	ND	1.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	1.0 J	ND	2 J	2.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	6.0 JB	4 J	6 J	12	2.6 J	11.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	ND	ND	ND	1.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	1.0 J	1 J	3 J	8.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	1 J	6.5 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	2 J	3.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	2 J	4.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NC	1.0 J	ND	3 J	6.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		19	11	8	17	NA	6.0	0	3	0	NA	6.0	0	3	0	NA	6.0	0	3	0	NA
Total TICs		845 J	57 J	57 J	114 NJ	NA	53 J	ND	27 J	ND	NA	53 J	ND	27 J	ND	NA	53 J	ND	27 J	ND	NA

Notes: ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed
B - Possible laboratory contamination
NC - No criterion

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-8		MW-8		MW-8		MW-8		MW-8		MW-9		MW-9		MW-9		MW-9		MW-9	
		SMS-MW-8	SMS-MW-8	SMS-MW-8	SMS-MW-8	SMS-MW-8	SMS-MW-8	SMS-MW-8	SMS-MW-8	SMS-MW-9	SMS-MW-9	SMS-MW-9	SMS-MW-9	SMS-MW-9	SMS-MW-9	SMS-MW-9	SMS-MW-9	SMS-MW-9	SMS-MW-9	SMS-MW-9	SMS-MW-9
		E0136-01C	E1376-02B	F1135-07B	G2029-01C	J0398-03C	E0136-02C	E1376-15B	F1135-06B	G2029-16C	J0398-01C										
		2/7/06	9/11/06	8/14/07	11/4/08	3/9/10	2/7/06	9/12/06	8/14/07	11/6/08	3/9/10										
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	2.0 J	ND	ND	ND	ND	ND	2.0 J	3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		9	0	3	0	NA	8	4	2	9	NA										
Total TICs		53 J	ND	25 J	ND	NA	198 J	26 J	19 J	111.3 NJ	NA										

Notes: ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution

NA - Not analyzed
B - Possible laboratory contamination
NC - No criterion

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-11		MW-11		MW-11		MW-11		MW-11		MW-12		MW-12		MW-12		MW-12		MW-12	
		SMS-MW-11	SMS-MW-11	SMS-MW-11	SMS-MW-11	SMS-MW-11	SMS-MW-11	SMS-MW-11	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-12
		E0136-05C	E1400-06B	NA	NA	NA	NA	E0136-06C	E1400-05B	F1159-04B	G2029-23C	J0445-03C									
		2/8/06	9/13/06	8/14/07	8/14/07	3/9/10	2/8/06	9/13/06	8/17/07	11/7/08	3/12/10										
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Phenol	1	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NC	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NC	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NC	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	ND	ND	NA	NA	NA	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NC	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		3	0				NA	0	3	0	NA										
Total TICs		552 J	ND	NA	NA	NA	NA	ND	32 J	ND	NA										

Notes: ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed
B - Possible laboratory contamination
NC - No criterion

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-13		MW-13		MW-13		MW-13		MW-13D		MW-13D		MW-13D		MW-13D							
		SMS-MW-13 E0136-07C 2/8/06 µg/L conc	Q	SMS-MW-13 E1400-01B 9/13/06 µg/L conc	Q	SMS-MW-13 F1159-03B 8/17/07 µg/L conc	Q	SMS-MW-13S G2029-21C 11/7/08 µg/L conc	Q	SMS-MW-13S J0445-02C 3/12/10 µg/L conc	Q	SMS-MW-13D E0136-09C 2/8/06 µg/L conc	Q	SMS-MW-13D E1400-02B 9/13/06 µg/L conc	Q	SMS-MW-13D F1159-02A 8/17/07 µg/L conc	Q	SMS-MW-13D G2029-22C 11/7/08 µg/L conc	Q	SMS-MW-13D J0398-19C 3/11/10 µg/L conc	Q		
Phenol	1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Isophorone	50	ND		ND		ND		ND		2.0 J		ND		ND		ND		ND		ND		ND	
2-Methylphenol	NC	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	NC	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	10	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butyl phthalate	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluoranthene	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Butylbenzyl phthalate	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.002	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	NC	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	0.002	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dimethylphthalate	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.002	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	0.002	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	ND	ND		ND		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		ND		ND	
Benzo(g,h,i)perylene	NC	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Number of TICs		4		1		7		3		NA		3		0		4		5		NA		NA	
Total TICs		290 J		8 J		51 J		50.6 NJ		NA		256 J		ND		35 J		45.2 NJ		NA		NA	

Notes: ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed
B - Possible laboratory contamination
NC - No criterion

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-14		MW-14		MW-14		MW-14		MW-14		MW-15		MW-15		MW-15		MW-15		MW-15	
		SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15
		E0136-08C	E1400-07B	F1135-18B	G2029-19C	J0445-01C	E0136-11C	E1376-11B	F1135-17B	G2029-15C	J0398-15C										
		2/8/06	9/13/06	8/16/07	11/7/08	3/12/10	2/8/06	9/12/06	8/16/07	11/6/2008	3/11/10										
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		2	0	4	0	NA	1	0	3	1	NA										
Total TICs		171 J	ND	31 J	ND	NA	7 J	ND	27 J	4.2 J	NA										

Notes: ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed
B - Possible laboratory contamination
NC - No criterion

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16M		MW-16M		MW-16M		MW-16M		MW-16M	
		SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M
		E0136-16B	E1400-03B	F1135-09B	G2029-14C	J0398-17C	E0136-15B	E1376-10B	F1135-10B	G2029-13C	J0398-18C										
		2/9/06	9/13/06	8/13/07	11/6/08	3/11/10	2/9/06	9/12/06	08-13-07	11/6/08	3/11/10										
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	190 DB	ND	2 J	ND	ND	2.0 JB	ND	1.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		2	0	4	1	NA	4	0	3	1	NA	4	0	3	1	NA	4	0	3	1	NA
Total TICs		140 J	ND	31 J	4.2 J	NA	329 J	ND	28 J	9 NJ	NA	329 J	ND	28 J	9 NJ	NA	329 J	ND	28 J	9 NJ	NA

Notes: ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed
B - Possible laboratory contamination
NC - No criterion

TABLE 4
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-16S		MW-16S		MW-16S		MW-16S		MW-16S		MW-17		MW-17		MW-17		MW-17	
		SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17
		E0136-12C	E1376-09B	F1135-16B	G2029-12C	J0398-16C	E0136-18B	E1453-01A	F1135-15B	G2029-11C	J0398-12C								
		2/8/06	09-12-06	08-16-07	11/6/08	3/11/10	2/9/06	09-21-06	08-16-07	11/6/08	3/10/10								
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc	conc
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		3	1	3	3	NA	2	5	3	0	NA								
Total TICs		188 J	23 J	27 J	111.8 J	NA	102 J	30 J	28 J	ND	NA								

Notes: ND - Not Detected
J - Estimated value
Bold/Italics - Exceeds criterion
D - Dilution
NA - Not analyzed
B - Possible laboratory contamination
NC - No criterion

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	EW-1		EW-1		EW-1		EW-2		EW-2		EW-2	
		SMS-EW-1 E0136-20B 2/9/06 µg/L Conc Q	SMS-EW-1 9/12/06 µg/L Conc Q	SMS-EW-1 8-14-07 µg/L Conc Q	SMS-EW-1 11/5/08 µg/L Conc Q	SMS-EW-1 3/9/10 µg/L Conc Q	SMS-EW-2 E0203-03 2/23/06 µg/L Conc Q	SMS-EW-2 9/12/06 µg/L Conc Q	SMS-EW-2 8-14-07 µg/L Conc Q	SMS-EW-2 11/5/08 µg/L Conc Q	SMS-EW-2 3/9/10 µg/L Conc Q		
Aluminum	NC	28.8 BE	NA	NA	NA	NA	77.2 B	NA	NA	NA	NA		
Antimony	3	ND	NA	NA	NA	NA	4.0 B	NA	NA	NA	NA		
Arsenic	25	ND	NA	NA	NA	NA	1.6 B	NA	NA	NA	NA		
Barium	1,000	34.1 B	NA	NA	NA	NA	88.3 B	NA	NA	NA	NA		
Beryllium	3	ND	NA	NA	NA	NA	0.15 B	NA	NA	NA	NA		
Cadmium	5	0.97 B	NA	NA	NA	NA	ND	NA	NA	NA	NA		
Calcium	NC	13,300 E	NA	NA	NA	NA	22,400	NA	NA	NA	NA		
Chromium	50	3.4 B	NA	NA	NA	NA	8.3 B	NA	NA	NA	NA		
Cobalt	NC	4.4 BE	NA	NA	NA	NA	1.3 B	NA	NA	NA	NA		
Copper	200	8.9 B	NA	NA	NA	NA	4.6 B	NA	NA	NA	NA		
Iron	300	3,650 NE	NA	NA	NA	NA	2,670	NA	NA	NA	NA		
Lead	25	0.93 B	NA	NA	NA	NA	3.6 B	NA	NA	NA	NA		
Magnesium	35,000	2,000 E	NA	NA	NA	NA	3,780	NA	NA	NA	NA		
Manganese	300	684 E	NA	NA	NA	NA	200	NA	NA	NA	NA		
Mercury	0.7	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA		
Nickel	100	4.3 B	NA	NA	NA	NA	9.4 B	NA	NA	NA	NA		
Potassium	NC	2,810	NA	NA	NA	NA	9,610	NA	NA	NA	NA		
Selenium	10	3.3 B	NA	NA	NA	NA	2.0 B	NA	NA	NA	NA		
Silver	50	ND	NA	NA	NA	NA	1.8 B	NA	NA	NA	NA		
Sodium	20,000	17,300 E	NA	NA	NA	NA	18,400	NA	NA	NA	NA		
Thallium	0.5	4.3 B	NA	NA	NA	NA	2.6 B	NA	NA	NA	NA		
Vanadium	NC	0.92 B	NA	NA	NA	NA	ND	NA	NA	NA	NA		
Zinc	2,000	52.7 E	NA	NA	NA	NA	126	NA	NA	NA	NA		

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 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-1		MW-1		MW-1		MW-2		MW-2		MW-2	
		SMS-MW-1 E0153-03C 2/10/06 µg/L Conc Q	SMS-MW-1 E1376-16C 9/12/06 µg/L Conc Q	SMS-MW-1 F1135-05C 8-14-07 µg/L Conc Q	SMS-MW-1 G2029-10C 11/5/08 µg/L Conc Q	SMS-MW-1 J0398-04C 3/9/10 µg/L Conc Q	SMS-MW-2 E0136-03B 2/7/06 µg/L Conc Q	SMS-MW-2 E1376-17C 9/12/06 µg/L Conc Q	SMS-MW-2 F1135-13C 8-15-07 µg/L Conc Q	SMS-MW-2 G2029-02C 11/4/08 µg/L Conc Q	SMS-MW-2 J0398-05C 3/9/10 µg/L Conc Q		
Aluminum	NC	236 E	319	4,360	705	604	1,930 E	6,060	3,440	929	2480		
Antimony	3	3.3 B	ND	12.6 B	ND	ND	2.2 B	ND	8.9 B	ND	9.4 B		
Arsenic	25	3.5 B	ND	ND	ND	7.5 B	2.6 B	4.4 B	ND	ND	5.9 B		
Barium	1,000	48.7 B	71.5 B	91 B	76.7 B	85.9 B	28.2 B	63.2 B	78.9 B	64.5 B	75.2 B		
Beryllium	3	ND	ND	0.48 B	0.19 B	0.17 B	ND	0.27 B	0.30 B	0.17 B	0.34 B		
Cadmium	5	0.67 B	0.19 B	0.39 B	0.6 B	ND	4.1 B	3.2 B	3.9 B	9.2	29.1		
Calcium	NC	24,000	19,500	20,100	38,600	33,600	13,100 E	18,300	19,700	24,700	26,200		
Chromium	50	9.6 B	2.7 B	18 B	12.3 B	10.5 B	12.1 B	16.9 B	12.6 B	6.5 B	6.8 B		
Cobalt	NC	2.5 B	1.2 B	9.3 B	4.0 B	2.3 B	2.4 BE	3.7 B	4.4 B	1.3 B	2.5 B		
Copper	200	16.8 B	ND	33.8	41.3	30.8	43.0	35.6	37.0	37.5	40.6		
Iron	300	30,000 E	12,500	110,000	50,300	96,300	28,100 NE	25,100	40,400	20,500	166,000		
Lead	25	3.2 B	0.95 B	17.3	6.5 B	31.2	135	128	197	271	347		
Magnesium	35,000	4,610 E	3,370	4,230	6,880	5,160	3,380 E	4,660	4590	5,950	6,960		
Manganese	300	226 E	126	585	724	310	221 E	715	1,080	295	422		
Mercury	0.7	ND	ND	0.066 B	ND	ND	ND	ND	0.055 B	ND	ND		
Nickel	100	13.9 B	4.8 B	19.8 B	16.7 B	11.2 B	13.6 B	14.0 B	10.9 B	5.6 B	10.3 B		
Potassium	NC	7,940	9,380	4,450	9,970	16,700	4,210	6,750	14,100	11,100	5,440		
Selenium	10	ND	ND	29.5 B	ND	17 B	5.1 B	ND	14.5 B	ND	23.4 B		
Silver	50	ND	ND	ND	ND	ND	ND	ND	ND	1.2 B	ND		
Sodium	20,000	28,400	27,200	73,900	32,200	35,100	8,240 E	16,500	20,100	25,900	28,700		
Thallium	0.5	ND	ND	18.5 B	ND	ND	1.2 B	ND	2.5 B	ND	ND		
Vanadium	NC	1.3 B	0.85 B	9.3 B	2.0 B	0.94 B	11.1 B	18.8 B	14.6 B	6.0 B	8.8 B		
Zinc	2,000	55.1	87.1	234	128	142	4,620 E	2,720	3,360	4,230	11,800		

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 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-4	MW-4
		SMS-MW-3 E0153-05C 2/10/06 µg/L Conc Q	SMS-MW-3 E1376-12C 9-12-06 µg/L Conc Q	SMS-MW-3 F1135-12C 8-15-07 µg/L Conc Q	SMS-MW-3 G2029-03C 11/4/08 µg/L Conc Q	SMS-MW-3 J0398-06C 3/9/10 µg/L Conc Q	SMS-MW-4 E0153-01C 2/9/06 µg/L Conc Q	SMS-MW-4 E1376-14C 9/12/06 µg/L Conc Q	SMS-MW-4 F1135-14C 8-15-07 µg/L Conc Q	SMS-MW-4 G2029-04C 11/4/08 µg/L Conc Q	SMS-MW-4 J0398-14C 3/11/10 µg/L Conc Q
Aluminum	NC	886 E	1,860	1,860	184 B	428	139 BE	114 B	876	208	644
Antimony	3	2.3 B	ND	8.6 B	ND	4.5 B	4.7 B	2.5 B	11.2 B	ND	6.4 B
Arsenic	25	2.2 B	3.0 B	ND	ND	6.1 B	ND	ND	ND	ND	7.8 B
Barium	1,000	72.7 B	49.8 B	56.9 B	49.8 B	39.6 B	31.8 B	26 B	64 B	53.8 B	47.6 B
Beryllium	3	ND	ND	0.16 B	ND	0.16 B	ND	ND	ND	0.15 B	0.14 B
Cadmium	5	1.6 B	1.0 B	1.3 B	0.24 B	ND	0.51 B	ND	ND	0.4 B	ND
Calcium	NC	32,500	25,000	23,000	25,200	29,500	16,300	25,400	21,400	12,800	22,500
Chromium	50	15.4 B	10.6 B	12.6 B	3.5 B	6.8 B	2.4 B	2.3 B	5.7 B	5.0 B	7 B
Cobalt	NC	3.6 B	2.2 B	4.4 B	ND	1.9 B	2.1 B	0.79 B	3.2 B	3.0 B	0.67 B
Copper	200	29.8 B	21.6 B	27.1 B	14.4 B	13.1 B	ND	ND	ND	12.0 B	10.1 B
Iron	300	26,700 E	20,400	46,400	12,600	43,100	47,800 E	23,800	78,200	20,800	52,200
Lead	25	6.8 B	4.3 B	9.5 B	4.8 B	4.9 B	1.5 B	ND	4.5 B	5.5 B	5 B
Magnesium	35,000	4,790 E	3,630	3,550	3,950	4,320	3,020 E	1,500	1,470	1,110	3,210
Manganese	300	399 E	502	910	499	566	544 E	210	686	541	216
Mercury	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	100	18.5 B	8.5 B	12.3 B	2.2 B	7.4 B	6.6 B	2.1 B	5.3 B	3.7 B	1.8 B
Potassium	NC	10,300	7,410	9,170	6,830	7,750	2,370	5,600	5,690	1,790	2,880
Selenium	10	ND	ND	15.2 B	ND	11.9 B	3.5 B	ND	14.1 B	ND	ND
Silver	50	1.6 B	ND	ND	0.99 B	ND	ND	ND	ND	1.5 B	ND
Sodium	20,000	16,900	20,000	12,700	17,600	16,700	6,310	3,990	3,600	3,030	13,100
Thallium	0.5	ND	ND	4.7 B	ND	ND	ND	ND	9.7 B	ND	ND
Vanadium	NC	3.5 B	5.2 B	4.6 B	1.2 B	1.0 B	2.1 B	2.5 B	5.1 B	3.0 B	3.4 B
Zinc	2,000	66.1	52.6	59.8	47.7 B	62.2	35.2 B	32.4 B	42.5 B	51.2	31.4 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 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-5	MW-5	MW-5	MW-5	MW-5	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D
Sample ID	Class GA	SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D
Laboratory ID	Ground	E0136-19C	E1376-03C	F1135-03C	G2029-05C	J0398-11C	E0136-17C	E1376-05C	F1135-02C	G2029-07C	J0398-10C
Sample Date	Water	2/9/06	9/11/06	8-14-07	11/4/08	3/10/10	2/9/06	9/11/06	8-14-07	11/5/08	3/10/10
Units	Criteria	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	284 E	1140	583	130 B	289	2,340 E	197 B	416	254	931
Antimony	3	1.7 B	2.0 B	8.8 B	ND	ND	2.3 B	2.3 B	6.2 B	ND	ND
Arsenic	25	6.9 B	5.5 B	2.0 B	ND	12.7 B	5.1 B	1.7 B	ND	ND	3.3 B
Barium	1,000	22.3 B	39.2 B	199 B	190 B	95.4 B	52.1 B	60 B	16.5 B	24.4 B	25 B
Beryllium	3	ND	ND	0.16 B	0.14 B	0.14 B	ND	ND	ND	ND	0.1 B
Cadmium	5	5.8	3.4 B	8.4	5.0 B	3.4 B	4.1 B	0.37 B	0.76 B	1.4 B	0.86 B
Calcium	NC	10,500 E	15,100	21,600	13,400	20,400	24,000 E	22,400	13,700	18,800	16,700
Chromium	50	8.8 B	18.1 B	17.5 B	3.5 B	10.3 B	16.7 B	6.7 B	4.9 B	4.0 B	5.6 B
Cobalt	NC	2.3 BE	2.4 B	5.0 B	4.8 B	5.4 B	28.2 BE	54.1	10.8 B	6.5 B	7.2 B
Copper	200	30.9	30.0 B	24.5 B	35.5	20.5 B	74.5	9.3 B	20.7 B	27.9 B	17.6 B
Iron	300	44,700 NE	23,400	61,000	8,990	49,300	72,300 NE	9,810	39,300	5,350	26,000
Lead	25	4.2 B	7.9 B	8.4 B	4.0 B	5.5 B	21.7	ND	4.7 B	5.5 B	10
Magnesium	35,000	1,560 E	2,500	3,570	2,150	1,790	5,140 E	5,780	1,210	2,320	2,200
Manganese	300	291 E	551	548	777	760	593 E	276	256	281	294
Mercury	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11 B
Nickel	100	13.4 B	12.8 B	13.7 B	6.7 B	7.9 B	25.8 B	12.9 B	12.7 B	5.2 B	6.9 B
Potassium	NC	2,240	3,100	3050	2,360	2,290	3,180	3,480	2,790	1,720	6,930
Selenium	10	6.3 B	ND	13.4 B	ND	11.9 B	12.5 B	ND	3.9 B	ND	11.9 B
Silver	50	ND	ND	ND	1.1 B	ND	ND	ND	ND	0.75 B	ND
Sodium	20,000	3,670 E	5,230	12,600	3,690	7,350	13,100 E	31,100	16,000	3,380	16,600
Thallium	0.5	ND	ND	9.4 B	ND	ND	ND	ND	10.6 B	ND	ND
Vanadium	NC	4.3 B	7.3 B	8.1 B	1.1 B	5.1 B	9.8 B	1.1 B	1.5 B	1.2 B	2.7 B
Zinc	2,000	44.3 BE	40.2 B	40.6 B	39.6 B	25.6 B	225 E	113	76.2	76.8	63.9

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 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-7	MW-7	MW-7	MW-7	MW-7
Sample ID	Class GA	SMS-MW-6S	SMS-MW-6S	SMS-MW-6S	SMS-MW-6S	SMS-MW-6	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7	SMS-MW-7
Laboratory ID	Ground	E0136-13B	E1376-01C	F1135-01C	G2029-08C	J0398-09C	E0153-07C	E1376-07C	F1135-04C	G2029-09C	J0398-08C
Sample Date	Water	2/8/06	9-11-06	8-14-07	11/5/08	3/10/10	2/10/06	9-11-06	8-14-07	11/5/08	3/10/10
Units	Criteria	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	2,740 E	2790	8,920	21,400	8,700	161 BE	816	410	106 B	207
Antimony	3	2.0 B	ND	6.2 B	ND	ND	3.5 B	ND	8.0 B	ND	ND
Arsenic	25	8.1 B	5.8 B	12.1 B	13.7 B	17.5 B	4.0 B	3.3 B	ND	ND	5 B
Barium	1,000	44.2 B	52.4 B	86.7 B	96.1 B	87 B	30.2 B	39.3 B	62.6 B	56.7 B	59.6 B
Beryllium	3	0.24 B	0.45 B	1.0 B	9.8	3.7 B	0.19 B	0.16 B	0.22 B	0.23 B	0.22 B
Cadmium	5	3.3 B	1.4 B	2.6 B	9.7	3.7 B	2.2 B	1.7 B	2.2 B	2.1 B	1.2 B
Calcium	NC	54,000 E	27,300	30,300	40,300	47,200	20,400	21,800	26,200	32,400	30,100
Chromium	50	15.0 B	16.4 B	111	68.2	66.5	10.1 B	12.6 B	7.7 B	6.6 B	6.4 B
Cobalt	NC	21.2 BE	10.8 B	22 B	56.9	20.6 B	2.8 B	2.0 B	4.8 B	2.6 B	4.4 B
Copper	200	70.4	45.8	135	156	84.9	19.6 B	14.3 B	ND	14.7 B	27 B
Iron	300	17,700 NE	8,790	40,400	42,000	46,700	72,000 E	60,300	96,100	34,700	99,500
Lead	25	20.5	12.1	58.1	81.1	37	1.4 B	2.9 B	4.6 B	4.4 B	3.8 B
Magnesium	35,000	13,700 E	8,340	9,290	9,060	8,100	3,910 E	4,380	3,900	4,690	5,910
Manganese	300	869 E	223	732	1,800	308	445 E	592	696	683	890
Mercury	0.7	ND	ND	0.3	ND	0.2	ND	ND	ND	ND	ND
Nickel	100	21.1 B	9.6 B	24.8 B	55.9	23.2 B	15.4 B	9.7 B	9.0 B	3.9 B	10.2 B
Potassium	NC	4,710	2,720	3,530	3,500	2,910	3,230	3,900	6,600	5,690	7,900
Selenium	10	5.9 B	ND	24.5 B	ND	ND	3.9 B	ND	17.9 B	ND	ND
Silver	50	ND	ND	ND	ND	3.5 B	ND	ND	ND	1.5 B	ND
Sodium	20,000	16,800 E	8,450	5,530	6,050	9,140	10,200	15,400	16,800	14,500	16,400
Thallium	0.5	6.4 B	1.8 B	7.9 B	ND	ND	ND	ND	17.6 B	ND	ND
Vanadium	NC	13.5 B	14.2 B	41.1 B	40 B	53.3	3.6 B	8.2 B	5.6 B	2.1 B	1.1 B
Zinc	2,000	3,280 E	608	1,390	1,570	487	35.9 B	47.4 B	39.0 B	51.1	51.7

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 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-8 SMS-MW-8 E0136-01B 2/7/06 µg/L		MW-8 SMS-MW-8 E1376-02C 9-11-06 µg/L		MW-8 SMS-MW-8 F1135-07C 8-14-07 µg/L		MW-8 SMS-MW-8 G2029-01C 11/4/08 µg/L		MW-8 SMS-MW-8 J0398-03C 3/9/10 µg/L		MW-9 SMS-MW-9 E0136-02C 2/7/06 µg/L		MW-9 SMS-MW-9 E1376-15C 9-12-06 µg/L		MW-9 SMS-MW-9 F1135-06C 8-14-07 µg/L		MW-9 SMS-MW-9 G2029-16C 11/6/08 µg/L		MW-9 SMS-MW-9 J0398-01C 3/9/10 µg/L	
		Conc	Q	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		69.8 B		384		50.6 BE		21.9 B		40.8 B		ND		92.1 B	
Antimony	3	2.8 B		ND		8.9 B		ND		ND		2.3 B		ND		6.7 B		ND		8.2 B	
Arsenic	25	5.6 B		ND		ND		ND		ND		3.0 B		2.1 B		2.5 B		ND		4.3 B	
Barium	1,000	43.4 B		39.6 B		61.3 B		119 B		103 B		35.1 B		25.7 B		34.4 B		50.3 B		45.1 B	
Beryllium	3	ND		ND		ND		ND		0.27 B		ND		ND		ND		0.19 B		0.3 B	
Cadmium	5	1.2 B		0.11 B		ND		ND		0.54 B		0.65 B		0.12 B		ND		0.30 B		ND	
Calcium	NC	24,500 E		27,200		25,000		35,700		30,300		9,130 E		16,400		29,200		23,300		23,700	
Chromium	50	31.7		9.9 B		26.1		6.7 B		15.5 B		38.5		6.3 B		5.4 B		2.8 B		12.6 B	
Cobalt	NC	3.4 BE		1.1 B		7.3 B		2.1 B		9 B		2.0 BE		0.66 B		4.4 B		4.6 B		5.5 B	
Copper	200	72.7		9.6 B		18.4 B		37.9		67.2		34.7		ND		ND		14.7 B		37.2	
Iron	300	107,000 NE		15,900		71,400		27,600		<i>236,000</i>		78,300 NE		21,700		57,100		29,600		<i>115,000</i>	
Lead	25	7.0 B		ND		3.0 B		4.5 B		6.3 B		3.9 B		ND		2.9 B		4.7 B		15.5	
Magnesium	35,000	3,870 E		3,520		4,960		5,300		3,610		1,530 E		2,560		4,860		3,770		3,620	
Manganese	300	456 E		82.1		236		279		1,020		339 E		82.2		520		1,060		954	
Mercury	0.7	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nickel	100	40.3 B		9.8 B		26.3 B		4.6 B		24.8 B		35.3 B		4.8 B		8.4 B		5.9 B		14.5 B	
Potassium	NC	6,370		6,970		13,400		21,500		16,200		5,400		3,990		4,540		3,540		2,800	
Selenium	10	9.9 B		ND		20.6 B		ND		22.9 B		7.1 B		ND		14.2 B		ND		23.5 B	
Silver	50	ND		ND		ND		1.5 B		ND		ND		ND		ND		1.9 B		ND	
Sodium	20,000	23,400 E		26,000		26,400		29,800		25,200		11,400 E		11,400		12,000		13,600		17,700	
Thallium	0.5	ND		ND		13.5 B		ND		ND		ND		ND		9.2 B		ND		ND	
Vanadium	NC	2.5 B		1.0 B		0.51 B		1.8 B		0.69 B		1.7 B		1.7 B		1.6 B		1.4 B		2.5 B	
Zinc	2,000	95.5 E		31.0 B		68.6		72.0		123		33.9 BE		22.2 B		18.1 B		36.4 B		28.4 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 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-11	MW-11	MW-11	MW-11	MW-11	MW-12	MW-12	MW-12	MW-12	MW-12
		SMS-MW-11 E0136-05C 2/8/06 µg/L Conc Q	SMS-MW-11 E1400-06C 9-13-06 µg/L Conc Q	SMS-MW-11 Aug 2007 µg/L Conc Q	SMS-MW-11 Nov 2008 µg/L Conc Q	SMS-MW-11 3/9/10 µg/L Conc Q	SMS-MW-12 E0136-06B 2/8/06 µg/L Conc Q	SMS-MW-12 E1400-05C 09-13-06 µg/L Conc Q	SMS-MW-12 F1159-04C 08-17-07 µg/L Conc Q	SMS-MW-12 G2029-23C 11/7/08 µg/L Conc Q	SMS-MW-12 J0445-03C 3/12/10 µg/L Conc Q
Aluminum	NC	44.9 BE	159 B	NA	NA	NA	48.8 BE	55.8 B	165 B	101 B	211
Antimony	3	ND	ND	NA	NA	NA	ND	ND	2.5 B	ND	ND
Arsenic	25	ND	ND	NA	NA	NA	ND	3.5 B	ND	ND	3.3 B
Barium	1,000	19.8 B	25.6 B	NA	NA	NA	9.2 B	29.7 B	36.9 B	27.4 B	29.2 B
Beryllium	3	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Cadmium	5	0.16 B	0.23 BE	NA	NA	NA	0.32 B	0.4 BE	1.3 B	1.8 B	0.63 B
Calcium	NC	13,200 E	14,400	NA	NA	NA	8,410 E	16,700	16,000	13,100	12,500
Chromium	50	1.5 B	0.99 BE	NA	NA	NA	2.1 B	2.1 BE	0.86 B	2.7 B	1.2 B
Cobalt	NC	1.4 BE	0.57 B	NA	NA	NA	1.4 BE	1.0 B	3.7 B	ND	1.4 B
Copper	200	9.9 B	ND	NA	NA	NA	10.2 B	6.4 B	6.4 B	19 B	10.9 B
Iron	300	12,000 NE	11,800	NA	NA	NA	6,600 NE	19,700	23,000	3,810	35,100
Lead	25	ND	3.5 B	NA	NA	NA	1.0 B	3.2 B	1.8 B	7.2 B	ND
Magnesium	35,000	1,800 E	2,030 E	NA	NA	NA	1,210 E	2,190 E	2,180	1,700	848
Manganese	300	177 E	201 *E	NA	NA	NA	249 E	956 *E	854	503	468
Mercury	0.7	ND	ND	NA	NA	NA	ND	ND	ND	0.020 B	ND
Nickel	100	4.2 B	3.3 B	NA	NA	NA	5.0 B	3.6 B	4.5 B	5.1 B	3.4 B
Potassium	NC	3,730	3,040	NA	NA	NA	7,140	2,970	3,330	6,340	4,760
Selenium	10	1.6 B	1.7 B	NA	NA	NA	1.3 B	ND	8.3 B	ND	12 B
Silver	50	ND	ND	NA	NA	NA	ND	1.8 B	ND	6.5 B	ND
Sodium	20,000	14,800 E	9,370	NA	NA	NA	10,100 E	5,050	4,120	7,390	5,970
Thallium	0.5	1.5 B	2.9 B	NA	NA	NA	2.0 B	2.4 B	ND	ND	ND
Vanadium	NC	ND	3.2 B	NA	NA	NA	ND	4.2 B	ND	ND	0.76 B
Zinc	2,000	56.4 E	21.2 B	NA	NA	NA	44.5 BE	22.6 B	37.4 B	99.2	26.8 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

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13D	MW-13D	MW-13D	MW-13D	MW-13D
Sample ID	Class GA	SMS-MW-13	SMS-MW-13	SMS-MW-13	SMS-MW-13	SMS-MW-13	SMS-MW-13D	SMS-MW-13D	SMS-MW-13D	SMS-MW-13D	SMS-MW-13D
Laboratory ID	Ground	E0136-07B	E1400-01C	F1159-03C	G2029-21C	J0445-02C	E0136-09C	E1400-02C	F1135-19C	G2029-22C	J0398-19C
Sample Date	Water	2/8/06	09-13-06	8-17-07	11/7/08	3/12/10	2/8/06	09-13-06	08-16-07	11/7/08	3/11/10
Units	Criteria	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	82.6 BE	84 B	66.4 B	120 B	145 B	53.0 BE	82.0 B	24.5 B	63.7 B	86.0 B
Antimony	3	ND	ND	4.7 B	ND	ND	ND	ND	8.3 B	ND	8.0 B
Arsenic	25	3.2 B	3.3 B	ND	ND	7.6 B	ND	ND	ND	ND	ND
Barium	1,000	103 B	39.4 B	29.2 B	20.8 B	16.3 B	67.2 B	69.6 B	76.9 B	66.8 B	75.4 B
Beryllium	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.064 B
Cadmium	5	1.4 B	0.89 BE	1.7 B	1.6 B	1.1 B	72.8	72.8 E	65.5	79	57.6
Calcium	NC	30,200 E	11,500	6,280	5,350	5,260	12,900 E	13,300	13,100	13,000	13,100
Chromium	50	3.1 B	1.9 BE	3.4 B	3.2 B	3.3 B	7.8 B	5.0 BE	1.7 B	5.8 B	20 B
Cobalt	NC	5.6 BE	2.3 B	5.3 B	3.5 B	3.8 B	1.1 BE	0.81 B	0.87 B	ND	ND
Copper	200	11.5 B	9.3 B	ND	8.7 B	11 B	32.9	19.6 B	15.3 B	28.4 B	19.5 B
Iron	300	52,600 NE	15,400	40,200	25,800	28,600	746 NE	210	241	383	515
Lead	25	1.0 B	2.3 B	0.84 B	2.4 B	ND	0.83 B	1.7 B	ND	2.4 B	4.2 B
Magnesium	35,000	3,260 E	1,230 E	1,020	902	677	7,790 E	8,300 E	8,340	7,990	7,390
Manganese	300	867 E	186 *E	401	413	434	12.3 BE	5.9 B*E	6.3 B	25.2 B	18.5 B
Mercury	0.7	ND	ND	ND	0.095 B	ND	ND	ND	ND	ND	ND
Nickel	100	9.3 B	3.6 B	6.0 B	4.9 B	5.5 B	15.1 B	11.2 B	9.2 B	18.5 B	139
Potassium	NC	11,200	14,600	15,800	17,200	18,300	2,430	2,440	2,960	3,030	3,470
Selenium	10	2.2 B	1.9 B	3.3 B	ND	ND	3.3 B	2.2 B	10.7 B	7.0 B	15.6 B
Silver	50	ND	1.8 B	ND	0.89 B	ND	ND	ND	1.4 B	1.9 B	ND
Sodium	20,000	19,900 E	15,000	12,400	12,000	12,400	27,500 E	28,700	31,800	28,700	26,100
Thallium	0.5	4.4 B	4.0 B	7.8 B	ND	9.7 B	ND	ND	ND	ND	ND
Vanadium	NC	0.79 B	3.4 B	ND	ND	1.1 B	ND	1.1 B	ND	ND	0.44 B
Zinc	2,000	88.0 E	37.7 B	85.7	301	68	72.4 E	74.2	67.2	84.3	60.4

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 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-14		MW-14		MW-14		MW-14		MW-14		MW-15		MW-15		MW-15		MW-15		MW-15	
		SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15
		E0136-08B	E1400-07C	F1135-18C	G2029-19C	J0445-01C	E0136-11B	E1376-11C	F1135-17C	G2029-15C	J0398-15C										
		2/8/06	09-13-06	08-16-07	11/7/08	3/12/10	2/8/06	09-12-06	08-16-07	11/6/08	3/11/10										
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L										
		Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc										
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q										
Aluminum	NC	334 E	154 B	1,040	161 B	229	43.2 BE	199 B	37.9 B	122 B	132 B										
Antimony	3	ND	ND	15.7 B	ND	8.5 B	ND	ND	9.6 B	ND	5.0 B										
Arsenic	25	ND	11.4 B	ND	ND	5.3 B	ND	2.0 B	1.6 B	ND	3.3 B										
Barium	1,000	15.9 B	35.1 B	78.7 B	40.6 B	31 B	12.4 B	19.4 B	24.8 B	19.6 B	42.4 B										
Beryllium	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.097 B										
Cadmium	5	0.86 B	0.21 BE	2.7 B	0.68 B	ND	4.1 B	0.85 B	ND	4.1 B	1.4 B										
Calcium	NC	12,100 E	21,800	16,500	26,000	16,100	13,800 E	12,800	20,100	4,990	17,600										
Chromium	50	1.7 B	1.4 BE	2.9 B	2.5 B	1.2 B	9.8 B	275	18.1 B	12.8 B	125										
Cobalt	NC	1.0 BE	ND	4.6 B	ND	0.72 B	1.1 BE	2.6 B	1.3 B	1.9 B	7.5 B										
Copper	200	12.8 B	ND	ND	10.7 B	9.1 B	9.5 B	10.5 B	ND	9.0 B	ND										
Iron	300	27,100 NE	48,000	296,000	65,100	63,000	276 NE	1,730	228	661	2,150										
Lead	25	2.6 B	4.3 B	12.7	5.8 B	ND	2.3 B	2.6 B	ND	4.1 B	6.9 B										
Magnesium	35,000	1,610 E	2,520 E	2,470	2,990	1,810	2,260 E	2320	4,210	1,480	4,030										
Manganese	300	287 E	910 *E	1,290	508	350	27.9 BE	175	19.3 B	188	457										
Mercury	0.7	ND	ND	0.052 B	ND	ND	ND	ND	ND	0.15 B	ND										
Nickel	100	6.1 B	3.0 B	13.3 B	3.3 B	2.7 B	6.9 B	24.9 B	3.0 B	12.9 B	59										
Potassium	NC	2,460	4,990	8,340	13,200	9,900	3,330	3470	6,850	2,680	12,300										
Selenium	10	ND	ND	41.2	ND	13 B	ND	ND	19.6 B	ND	ND										
Silver	50	ND	3.5 B	ND	1.4 B	ND	ND	ND	1.6 B	5.6 B	ND										
Sodium	20,000	2,230 E	8,710	6,000	22,900	9,680	9,790 E	11,000	15,600	4,880	20,600										
Thallium	0.5	ND	2.6 B	64.8	ND	ND	ND	ND	ND	ND	ND										
Vanadium	NC	2.2 B	9.8 B	4.5 B	3.1 B	0.38 B	ND	1.2 B	ND	1.7 B	1.5 B										
Zinc	2,000	29.2 BE	41.6 B	60.8	57.0	17.7 B	19.8 BE	29.8 B	20.1 B	56.0	23.2 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 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-16D	MW-16D	MW-16D	MW-16D	MW-16D	MW-16M	MW-16M	MW-16M	MW-16M	MW-16M
Sample ID	Class GA	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M
Laboratory ID	Ground	E0136-16C	E1400-03C	F1135-09C	G2029-14C	J0398-17C	E0136-15C	E1376-10C	F1135-10C	G2029-13C	J0398-18C
Sample Date	Water	2/9/06	09-13-06	08-13-07	11/6/08	3/11/10	2/9/06	09-12-06	08-13-07	11/6/08	3/11/10
Units	Criteria	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	29.0 BE	97.3 B	45.2 B	104 B	200	203 E	94.2 B	55.0 B	91.6 B	176 B
Antimony	3	ND	ND	2.5 B	ND	ND	1.3 B	ND	4.5 B	ND	ND
Arsenic	25	ND	ND	1.6 B	ND	ND	ND	2.2 B	4.7 B	ND	5.6 B
Barium	1,000	51.9 B	48.3 B	45.6 B	43.8 B	44.6 B	97.9 B	93.6 B	97.5 B	91.6 B	83.6 B
Beryllium	3	ND	ND	ND	ND	0.05 B	ND	ND	ND	ND	0.078 B
Cadmium	5	23.4	11.8 E	5.1	35.3	24.9	4.0 B	2.3 B	0.22 B	2.2 B	0.84 B
Calcium	NC	18,200 E	18,500	19,100	18,500	19,000	23,900 E	19,200	21,900	17,600	23,600
Chromium	50	34.6	41.6 E	44.9	48.7	39.7	25.4	45.9	10.3 B	9.6 B	8.7 B
Cobalt	NC	1.3 BE	0.87 B	1.4 B	ND	ND	2.5 BE	8.0 B	2.6 B	5.4 B	2.6 B
Copper	200	17.0 B	ND	ND	12.8 B	6.2 B	26.6 B	ND	ND	13.2 B	5.3 B
Iron	300	262 NE	232	234	420	516	458 NE	814	375	822	571
Lead	25	2.5 B	1.2 B	0.88 B	3.3 B	4.2 B	1.5 B	0.58 B	ND	4.4 B	6 B
Magnesium	35,000	3,250 E	3,430 E	3,530	3,690	3,610	2,650 E	2,950	2,940	2,380	3,200
Manganese	300	60.7 E	196 *E	51.6	53.2	36.5 B	34.0 BE	536	29.0 B	125	107
Mercury	0.7	ND	ND	ND	ND	ND	ND	ND	ND	0.038 B	0.057 B
Nickel	100	10.6 B	11.3 B	6.7 B	9.0 B	8.0 B	12.4 B	46.9 B	27.9 B	31.7 B	5.3 B
Potassium	NC	5,280	5,040	5,260	5,990	5,720	12,300	9,340	10,000	13,400	8,360
Selenium	10	ND	ND	9.5 B	ND	14.7 B	ND	ND	13.2 B	ND	ND
Silver	50	ND	ND	1.8 B	1.6 B	ND	ND	ND	2.1 B	ND	ND
Sodium	20,000	15,600 E	16,000	16,700	15,100	14,700	17,500 E	15,300	17,900	12,000	31,600
Thallium	0.5	ND	ND	ND	ND	ND	2.1 B	1.5 B	ND	ND	ND
Vanadium	NC	ND	0.89 B	ND	ND	0.66 B	0.59 B	0.71 B	ND	ND	0.76 B
Zinc	2,000	61.4 E	40.2 B	20.5 B	39.1 B	30.5 B	106 E	30.8 B	31.7 B	107	24.3 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 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-16S	MW-16S	MW-16S	MW-16S	MW-16S	MW-17	MW-17	MW-17	MW-17	MW-17
		SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17
		E0136-12B	E1376-09C	F1135-16C	G2029-12C	J0398-16C	E0136-18C	E1376-04C	F1135-15C	G2029-11C	J0398-12C
		2/8/06	09-12-06	08-16-07	11/6/08	3/11/10	2/9/06	09-11-06	08-16-07	11/6/08	3/10/10
		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	135 BE	69.2 B	51.6 B	73.2 B	114 B	72.0 BE	34.3 B	19.6 B	57.7 B	530
Antimony	3	ND	ND	1.2 B	ND	4.5 B	2.6 B	2.3 B	10.0 B	ND	11.1 B
Arsenic	25	ND	ND	ND	ND	3.4 B	ND	ND	3.7 B	ND	ND
Barium	1,000	46.1 B	18.7 B	18.2 B	38.1 B	36.7 B	22.8 B	28.4 B	29.1 B	72.7 B	69.9 B
Beryllium	3	ND	ND	ND	ND	0.051 B	ND	ND	ND	ND	0.093 B
Cadmium	5	17.4	3.0 B	0.47 B	33.4	5.1	3.1 B	0.65 B	0.16 B	3.1 B	3.1 B
Calcium	NC	27,900 E	17,800	25,200	25,300	29,200	13,900 E	17,200	24,800	12,600	14,100
Chromium	50	31.3	117	95.7	54.2	59.8	14.8 B	11.3 B	9.0 B	6.9 B	161
Cobalt	NC	2.3 BE	2.1 B	3.6 B	4.0 B	4.1 B	1.6 BE	1.1 B	2.0 B	3.6 B	8.5 B
Copper	200	17.6 B	ND	ND	11.9 B	11.6 B	12.7 B	7.1 B	ND	9.9 B	11.2 B
Iron	300	480 NE	433	587	626	1,200	645 NE	284	220	145 B	3,940
Lead	25	2.0 B	ND	ND	ND	ND	1.3 B	ND	ND	ND	9.5 B
Magnesium	35,000	4,920 E	3,270	3,920	3,290	4,970	1,930 E	1,160	1,830	1,100	985
Manganese	300	251 E	108	173	394	443	77.9 E	109	113	1,940	2,640
Mercury	0.7	ND	0.1 B	ND	ND	0.067 B	0.14 B	ND	ND	ND	ND
Nickel	100	28.6 B	47.7 B	37.9 B	65.3	20.2 B	15.6 B	5.7 B	2.8 B	7.1 B	14.8 B
Potassium	NC	5,460	5,630	4,870	6,720	4,930	2,760	3,960	3,220	3,110	2,410
Selenium	10	ND	ND	12.7 B	ND	ND	ND	ND	13.6 B	ND	ND
Silver	50	ND	ND	1.8 B	ND	ND	ND	ND	2.1 B	0.73 B	ND
Sodium	20,000	12,100 E	14,100	17,300	12,800	19,500	5,940 E	2,690	6,680	3,060	3,560
Thallium	0.5	2.2 B	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	NC	0.52 B	0.80 B	1.0 B	1.7 B	1.2 B	2.1 B	2.4 B	1.7 B	3.4 B	4.9 B
Zinc	2,000	66.8 E	18.4 B	17.4 B	42.7 B	28.3 B	43.4 BE	18.6 B	18.8 B	36.6 B	30.2 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

APPENDIX A

WELL SAMPLING FORMS – ROUND 5 (MARCH 2010)

WELL SAMPLING FORM	PROJECT SMS	PROJECT No. 95900-02	SHEET 1 OF 1 SHEETS
LOCATION SMS Instruments Site, Deer Park, NY #1-52-026		DATE WELL STARTED 3/9/2010	DATE WELL COMPLETED 3/9/2010
CLIENT New York State Department of Environmental Conservation		NAME OF INSPECTOR Peter Lawler	
DRILLING COMPANY		SIGNATURE OF INSPECTOR PL	

ONE WELL VOLUME : 1.88 gal. WELL TD: 28.49' PUMP INTAKE DEPTH: 26 ft bgs

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS				REMARKS
			Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	
	17.41						Static Level
11:50	17.44	1	14.3	0.347	6.57	999	Pump on; Orange/Brown
11:52	17.44	1	14.5	0.337	6.63	78	Orange/brown
11:54	17.45	1	14.5	0.332	6.60	37	Clear
11:56	17.45	1	14.5	0.333	6.61	22	Clear
							Sampled @ 1212

Pump Type: Grundfos, sampled with teflon bailers
Analytical Parameters: VOCs, SVOCs, TAL Metals

WELL SAMPLING FORM		PROJECT SMS		PROJECT No. 95900-02		SHEET 1 OF 1	
LOCATION SMS Instruments Site, Deer Park, NY #1-52-026				DATE WELL STARTED 3/11/2010		DATE WELL COMPLETED 3/11/2010	
CLIENT New York State Department of Environmental Conservation				NAME OF INSPECTOR Peter Lawler			
DRILLING COMPANY				SIGNATURE OF INSPECTOR PL			
ONE WELL VOLUME :		8.03 gal.		WELL TD: 29.45'		PUMP INTAKE DEPTH: 27 ft bgs	
Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS				REMARKS
			Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	
9:00	17.28						Static Level
9:05	17.46	2.5	10.2	0.278	5.91	737	Pump on; Orange
9:08	17.47	2.5	10.3	0.227	6.19	11	Light Brown
9:11	17.49	2.5	10.5	0.225	6.50	-10	
9:13	17.5	2.5	10.5	0.225	6.63	-10	Clear
9:16	17.5	2.5	10.5	0.227	7.01	-10	Clear; pump off, and back on, due to pH jump
9:20	17.51	2.5	10.5	0.229	7.14	-10	Clear
9:22	17.51	2.5	10.5	0.227	7.23	-10	Clear
9:25	17.51	2.5	10.5	0.227	7.31	-10	Clear
							pH jumping, and Turbidity was out of range, Horiba U-10 recalibrated
							readings; pH 3.99; ONTU; 4.54mS/cm; 9.7C
							Sampled @ 0940
Pump Type: Grundfos, sampled with teflon bailers Analytical Parameters: VOCs, SVOCs, TAL Metals							

WELL SAMPLING FORM		PROJECT SMS	PROJECT No. 95900-02	SHEET 1	SHEETS OF 1
LOCATION SMS Instruments Site, Deer Park, NY #1-52-026			DATE WELL STARTED 3/10/2010	DATE WELL COMPLETED 3/10/2010	
CLIENT New York State Department of Environmental Conservation			NAME OF INSPECTOR Peter Lawler		
DRILLING COMPANY			SIGNATURE OF INSPECTOR PL		

ONE WELL VOLUME : 1.73 gal. WELL TD: 26.18' PUMP INTAKE DEPTH: 24 ft bgs

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS				REMARKS
			Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	
9:42	15.99						Static Level
9:45	16.04	1	13.5	0.302	7.16	424	Pump on; Brown
9:47	16.05	1	13.8	0.327	7.00	46	Turbid, clear
9:50	16.05	1	14.1	0.331	6.98	17	Clear
9:53	16.05	1	14.1	0.332	7.02	13	Clear
							Sampled @ 1010
							bailer replaced

Pump Type: Grundfos, sampled with teflon bailers
 Analytical Parameters: VOCs, SVOCs, TAL Metals

WELL SAMPLING FORM	PROJECT SMS	PROJECT No. 95900-02	SHEET 1 OF 1
LOCATION SMS Instruments Site, Deer Park, NY #1-52-026		DATE WELL STARTED 3/10/2010	DATE WELL COMPLETED 3/10/2010
CLIENT New York State Department of Environmental Conservation		NAME OF INSPECTOR Peter Lawler	
DRILLING COMPANY		SIGNATURE OF INSPECTOR PL	

ONE WELL VOLUME : 12.96 gal. WELL TD: 36.39' PUMP INTAKE DEPTH: 34 ft bgs

Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS				REMARKS
			Temp. (C)	Conduct. (ms/cm)	pH	Turbidity (ntu)	
14:06	16.76						Static Level
14:08	16.83	2.5	15.7	0.099	7.48	130	Pump on; Brown
14:13	16.83	2.5	16.0	0.098	7.23	13	Clear
14:18	16.83	2.5	16.0	0.098	7.17	3	Clear
14:23	16.84	2.5	15.9	0.098	7.23	3	Clear
							Sampled @ 1444

Pump Type: Grundfos, sampled with teflon bailers
 Analytical Parameters: VOCs, SVOCs, TAL metals

APPENDIX B

NYSDEC MONITORING WELL FIELD INSPECTION LOGS

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/9/10-1055

WELL ID.: MW-1

WELL VISIBLE? (If not, provide directions below)
WELL COORDINATES? NYTM X NYTM Y
PDOP Reading from Trimble pathfinder: Satellites:
GPS Method (circle) Trimble And/Or Magellan

Table with YES/NO columns and checkmarks.

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

Table with YES/NO columns and checkmarks.

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

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

Table with YES/NO columns and checkmarks.

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

0.0 ppm
flush
Metal
6"

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?

Table with YES/NO columns and checkmarks.

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

30.85
18.43
2
metal
Good
-
15'

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.
Overhead lines run near well, will have to pass under for access to well; overhead branches nearby; well access enclosed by curb;
No sketch made, see attached photo log

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.
Grass lawn in front of SMS building; Missing lock

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):
None

REMARKS:
Well cap is for a water meter; Measurements taken from north edge of riser

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026
INSPECTOR: PL
DATE/TIME: 3/9/10-1147
WELL ID.: MW-2

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: _____ Satellites: _____ GPS Method (circle) Trimble And/Or Magellan		

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED	PID	0.0 ppm
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		flush
PROTECTIVE CASING MATERIAL TYPE:		Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		6"

	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):	28.49
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	17.41
MEASURE WELL DIAMETER (Inches):	2
WELL CASING MATERIAL:	metal
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	100'

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.
Overhead lines at entrance to driveway; No sketch made, see attached photo log

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.
Paved, active driveway to SMS building rear; No restoration needed

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):
none

REMARKS:
Measurements taken from North side of riser

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/9/10-1300

WELL ID.: MW-3

WELL VISIBLE? (If not, provide directions below)	YES	NO
WELL COORDINATES? NYTM X _____ NYTM Y _____	✓	
PDOP Reading from Trimble pathfinder: _____ Satellites: _____		
GPS Method (circle) Trimble And/Or Magellan		

WELL I.D. VISIBLE?	YES	NO
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	PID	0.0 ppm
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		flush
PROTECTIVE CASING MATERIAL TYPE:		Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		6"

LOCK PRESENT?	YES	NO
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):	25.92
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	16.55
MEASURE WELL DIAMETER (Inches):	2
WELL CASING MATERIAL:	metal
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	-
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	250'

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
 Narrow active driveway, near fence, overhead lines at entrance; No sketch, see attached photo log

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.
 Paved driveway, gravel/dirt present; No restoration needed

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

REMARKS:
 Measurements taken from North side of riser

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/11/10-0853

WELL ID.: MW-4

WELL VISIBLE? (If not, provide directions below)
WELL COORDINATES? NYTM X NYTM Y
PDOP Reading from Trimble pathfinder: Satellites:
GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:
SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

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

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
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.
~6' from fence along back of SMS parking lot; overhead lines at entrance to well; No sketch, see attached photo log

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 partially paved parking lot, lots of dirt and gravel present; Well casing and bell have been dislodged, will need to be reset; Missing lock

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
Parked vehicles

REMARKS:
Well casing is intact but removed from top of well; TD has not deviated from historical records; Sampled at request of Paul (AECOM); Measurements taken from north edge of riser

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/10/10-1234

WELL ID.: MW-5

WELL VISIBLE? (If not, provide directions below) YES NO
 WELL COORDINATES? NYTM X _____ NYTM Y _____
 PDOP Reading from Trimble pathfinder: _____ Satellites: _____
 GPS Method (circle) Trimble And/Or Magellan

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED PID 0.0 ppm
 TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) flush
 PROTECTIVE CASING MATERIAL TYPE: Metal
 MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 28.67
 MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 16.24
 MEASURE WELL DIAMETER (Inches): 2
 WELL CASING MATERIAL: metal
 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 10'

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.
 Granite slabs partially cover well pad; Overhead lines to remediation system; Overhead lines cross entrance to parking lot; No sketch, see attached photo log

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. Lot is used for Granite showroom, gravel present; No restoration required

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
 None

REMARKS:
 Measurements taken from north edge of riser

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/10/10-0930

WELL ID.: MW-6S

WELL VISIBLE? (If not, provide directions below)
WELL COORDINATES? NYTM X NYTM Y
PDOP Reading from Trimble pathfinder: Satellites:
GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:
SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED PID 0.0 ppm
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) flush
PROTECTIVE CASING MATERIAL TYPE: Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"

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): 26.18
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 15.94
MEASURE WELL DIAMETER (Inches): 2
WELL CASING MATERIAL: metal
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 6'

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.
Overhead lines run next to well for small remediation system; Overhead lines at entrance to driveway;
No Sketch made, see attached photo log

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.
Paved active driveway; Lots of loose gravels; No restoration required

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

REMARKS:
Measurements taken from north side of riser

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/10/10-0940

WELL ID.: MW-6D

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

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:
SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

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

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
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.
At grade in paved parking lot. Lots of loose gravels. Overhead lines run next to well for remediation system; No sketch, see attached photo log

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.
Paved active driveway, has lots of loose gravels; No restoration required

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
Parked Cars

REMARKS:
Measurements taken from north edge of riser; Well is not shown on site map

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/10/10-0819

WELL ID.: MW-7

WELL VISIBLE? (If not, provide directions below)
WELL COORDINATES? NYTM X NYTM Y
PDOP Reading from Trimble pathfinder: Satellites:
GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:
SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED PID 0.0 ppm
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) Grade
PROTECTIVE CASING MATERIAL TYPE: Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"

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): 28.61
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 17.50
MEASURE WELL DIAMETER (Inches): 2
WELL CASING MATERIAL: metal
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 5'

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, overhead lines nearby and at driveway entrance; No sketch, see attached photo log

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. Paved active driveway entrance; Lots of gravel; parking on either side; Missing lock

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
parked cars

REMARKS:
Measurements taken from north edge of riser; Well cap is labeled as water meter

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/9/10-1016

WELL ID.: MW-8

WELL VISIBLE? (If not, provide directions below)
WELL COORDINATES? NYTM X NYTM Y
PDOP Reading from Trimble pathfinder: Satellites:
GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:
SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

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

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
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.
Paved parking lot, entrance to lot has overhead lines; No sketch, see attached photo log

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.
Paved parking lot; Missing lock and plug

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
Parked cars

REMARKS:
Measurements taken from north edge of riser

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/9/10-0855

WELL ID.: MW-9

WELL VISIBLE? (If not, provide directions below)
WELL COORDINATES? NYTM X NYTM Y
PDOP Reading from Trimble pathfinder: Satellites:
GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:
SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED PID 0.0 ppm
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) flush
PROTECTIVE CASING MATERIAL TYPE: Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"

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): 25.96
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 15.42
MEASURE WELL DIAMETER (Inches): 2
WELL CASING MATERIAL: Metal
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 600'

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.
Overhead lines cross lot entrance; No sketch, see attached photo log

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.
Paved parking lot; Missing lock

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
Dumpsters

REMARKS:
Measurements taken from north edge of riser

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/8/10-1457

WELL ID.: MW-11

Table with YES/NO columns and a checkmark in the NO cell.

WELL VISIBLE? (If not, provide directions below)
WELL COORDINATES? NYTM X NYTM Y
PDOP Reading from Trimble pathfinder: Satellites:
GPS Method (circle) Trimble And/Or Magellan

Table with YES/NO columns.

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:

Table with YES/NO columns.

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):

Table with YES/NO columns.

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

Table with YES/NO columns.

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.

New construction; Well location places it in newly landscaped area, no sign of well

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

Well no longer exists

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: HS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/12/10-0955

WELL ID.: MW-12

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

Table with YES/NO columns and a checkmark in the YES cell.

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

Table with YES/NO columns and checkmarks in both cells.

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:
SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

Table with YES/NO columns and checkmarks in the YES cells.

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

Table with values: 0.0 ppm, Grade, Metal, 6"

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?

Table with YES/NO columns and checkmarks in the YES cells.

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

Table with values: 47.40, 15.85, 2, Metal, Good, 50'

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY. I' from sign post; Overhead tree branches; No sketch, see attached photo log

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. Grass lawn; adjacent to parking lot, surrounded by curb; Missing lock

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
None

REMARKS:
Measurements taken from north edge of riser; Well cap is labeled as water meter

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/12/10-0905

WELL ID.: MW-13S

WELL VISIBLE? (If not, provide directions below)	YES	NO
WELL COORDINATES? NYTM X _____ NYTM Y _____	✓	
PDOP Reading from Trimble pathfinder: _____ Satellites: _____		
GPS Method (circle) Trimble And/Or Magellan		

WELL I.D. VISIBLE?	YES	NO
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 ppm
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Grade
PROTECTIVE CASING MATERIAL TYPE:	Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

LOCK PRESENT?	YES	NO
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):	46.07
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	17.37
MEASURE WELL DIAMETER (Inches):	4
WELL CASING MATERIAL:	metal
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	50'

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

Under a large tree; No sketch, see attached photo log

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.

Grass lawn in front of business; surrounded by curb; Missing lock

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

None

REMARKS:

Measurements taken from north edge of riser; Well cap labeled water meter

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/11/10-1505

WEH ID.: MW-13D

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

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:
SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

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

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 101.62
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 17.28
MEASURE WELL DIAMETER (Inches): 4
WELL CASING MATERIAL: metal
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 120'

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.
Adjacent to active driveway; No sketch, see attached photo log

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.
Grass lawn in front of business; No restoration required

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
None

REMARKS:
Measurements taken from north edge of risor

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/12/10-0810

WELL ID.: MW-14

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

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:
SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED PID 0.0 ppm
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) Grade
PROTECTIVE CASING MATERIAL TYPE: Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"

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): 48.74
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 17.28
MEASURE WELL DIAMETER (Inches): 4
WELL CASING MATERIAL: Metal
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 15'

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. Overhead lines on street; tree branch over head; No sketch, see attached photo log

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. Grass lawn in front of business; Missing lock

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT None

REMARKS: Measurements taken from north edge of riser; Well cap is labeled water meter

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/11/10-1013

WELL ID.: MW-15

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

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:
SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

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

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
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.
Overhead lines block entrance to parking lot; Tree limbs over well; No sketch, see attached photo log

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.
Brush/weeds next to fenced in parking lot; Lock no longer attached to well plug

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
None

REMARKS:
Measurements taken from north edge of well riser

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/11/10-1112

WELL ID.: MW-16S

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

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:
SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

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

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
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.

Overhead lines across entry /access; Locked gate at entrance to parking lot; 1' from chain link fence;

No sketch, see attached photo log

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.

Grass/brush area near parking lot; close to fence; No restoration required

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

None

REMARKS:

Measurements taken from north edge of riser

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/11/10-1250

WELL ID.: MW-16M

WELL VISIBLE? (If not, provide directions below)
WELL COORDINATES? NYTM X NYTM Y
PDOP Reading from Trimble pathfinder: Satellites:
GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:
SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

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

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
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.
area behind parking lot; no overhead lines; close to chain link fence; Dry well nearby in parking lot; No sketch, see attached photo log

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.
dirt plot at rear of parking lot; Lock no longer attached to well plug

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
None

REMARKS:
Measurements taken from north edge of riser

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID: 1-52-026

INSPECTOR: PL

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/11/10-1255

WELL ID: MW-16D

WELL VISIBLE? (If not, provide directions below) YES NO
WELL COORDINATES? NYTM X NYTM Y
PDOP Reading from Trimble pathfinder: Satelites:
GPS Method (circle) Trimble And/Or Magellan

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

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

HEADSPACE READING (ppm) AND INSTRUMENT USED PID 0.0 ppm
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) Grade
PROTECTIVE CASING MATERIAL TYPE: Metal
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 12"

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

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 76.77
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 17.15
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 500'

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.
No overhead lines, drywell near by in parking lot; No sketch, see attached photo log

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.
Dirt plot at rear of parking lot; No restoration required

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
None

REMARKS:
Measurements taken from north edge of riser

SITE NAME: SMS Instruments, Deer Park, NY

SITE ID.: 1-5
INSPECTOR:
DATE/TIME: 3/10/
WELL ID.: M

MONITORING WELL FIELD INSPECTION LOG

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

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

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

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

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

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
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. Over head lines at entrance to parking lot; secured corner surrounded by rock slabs; No sketch, see attached photo log

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.
Paved lot within granite show area; No restoration required

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
None

APPENDIX C

LABORATORY DATA SUMMARY PACKAGES (FORM 1s)

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-1		MW-2		MW-3		MW-4		MW-5	
		SMS-MW-1	SMS-MW-2	SMS-MW-3	SMS-MW-4	SMS-MW-5	concentration	Q	concentration	Q	concentration
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	0.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Isopropyltoluene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	NC	3.3 J	5 U	4.2 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-1		MW-2		MW-3		MW-4		MW-5	
		SMS-MW-1 J0398-04A 3/09/10 µg/L conc Q		SMS-MW-2 J0398-05A 3/9/10 µg/L conc Q		SMS-MW-3 J0398-06A 3/9/10 µg/L conc Q		SMS-MW-4 J0398-14A 3/11/10 µg/L conc Q		SMS-MW-5 J0398-11A 3/10/10 µg/L conc Q	
cis-1,3-Dichloropropene	0.4	5 U		5 U		5 U		5 U		5 U	
Dibromochloromethane	50	5 U		5 U		5 U		5 U		5 U	
Dibromomethane	5	5 U		5 U		5 U		5 U		5 U	
Dichlorodifluoromethane	5	5 U		5 U		5 U		5 U		5 U	
Ethylbenzene	5	5 U		5 U		5 U		5 U		5 U	
Hexachlorobutadiene	0.5	5 U		5 U		5 U		5 U		5 U	
Iodomethane	NC	5 U		5 U		5 U		5 U		5 U	
Isopropylbenzene	5	5 U		5 U		5 U		5 U		5 U	
m,p-Xylene	5	5 U		5 U		5 U		5 U		5 U	
Methyl tert-butyl ether	10	5 U		5 U		5 U		5 U		5 U	
Methylene chloride	5	5 U		5 U		5 U		5 U		5 U	
n-Butylbenzene	5	5 U		5 U		5 U		5 U		5 U	
n-Propylbenzene	5	5 U		5 U		5 U		5 U		5 U	
Naphthalene	10	5 U		5 U		5 U		5 U		5 U	
o-Xylene	5	5 U		5 U		5 U		5 U		5 U	
sec-Butylbenzene	5	5 U		5 U		5 U		5 U		5 U	
Styrene	5	5 U		5 U		5 U		5 U		5 U	
tert-Butylbenzene	5	5 U		5 U		5 U		5 U		5 U	
Tetrachloroethene	5	5 U		5 U		5 U		5 U		5 U	
Toluene	5	5 U		5 U		5 U		5 U		5 U	
trans-1,2-Dichloroethene	5	5 U		5 U		5 U		5 U		5 U	
trans-1,3-Dichloropropene	0.4	5 U		5 U		5 U		5 U		5 U	
Trichloroethene	5	5 U		5 U		5 U		5 U		5 U	
Trichlorofluoromethane	5	5 U		5 U		5 U		5 U		5 U	
Vinyl acetate	NC	5 U		5 U		5 U		5 U		5 U	
Vinyl chloride	2	5 U		5 U		5 U		5 U		5 U	
Xylene (Total)	5	5 U		5 U		5 U		5 U		5 U	
Semivolatile Organic Compounds											
1,2,4-Trichlorobenzene	5	10 U		10 U		10 U		10 U		10 U	
1,2-Dichlorobenzene	3	10 U		10 U		10 U		10 U		10 U	
1,3-Dichlorobenzene	3	10 U		10 U		10 U		10 U		10 U	
1,4-Dichlorobenzene	3	10 U		10 U		10 U		10 U		10 U	
2,2'-oxybis(1-Chloropropane)	NC	10 U		10 U		10 U		10 U		10 U	
2,4,5-Trichlorophenol	NC	20 U		20 U		20 U		20 U		20 U	
2,4,6-Trichlorophenol	NC	10 U		10 U		10 U		10 U		10 U	
2,4-Dichlorophenol	1	10 U		10 U		10 U		10 U		10 U	
2,4-Dimethylphenol	50	10 U		10 U		10 U		10 U		10 U	
2,4-Dinitrophenol	10	20 U		20 U		20 U		20 U		20 U	
2,4-Dinitrotoluene	5	10 U		10 U		10 U		10 U		10 U	
2,6-Dinitrotoluene	5	10 U		10 U		10 U		10 U		10 U	
2-Chloronaphthalene	10	10 U		10 U		10 U		10 U		10 U	
2-Chlorophenol	NC	10 U		10 U		10 U		10 U		10 U	

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-1		MW-2		MW-3		MW-4		MW-5	
		SMS-MW-1 J0398-04A 3/09/10 µg/L conc Q		SMS-MW-2 J0398-05A 3/9/10 µg/L conc Q		SMS-MW-3 J0398-06A 3/9/10 µg/L conc Q		SMS-MW-4 J0398-14A 3/11/10 µg/L conc Q		SMS-MW-5 J0398-11A 3/10/10 µg/L conc Q	
2-Methylnaphthalene	NC	10 U		10 U		10 U		10 U		10 U	
2-Methylphenol	NC	10 U		10 U		10 U		10 U		10 U	
2-Nitroaniline	5	20 U		20 U		20 U		20 U		20 U	
2-Nitrophenol	NC	10 U		10 U		10 U		10 U		10 U	
3,3'-Dichlorobenzidine	5	10 U		10 U		10 U		10 U		10 U	
3-Nitroaniline	5	20 U		20 U		20 U		20 U		20 U	
4,6-Dinitro-2-methylphenol	NC	20 U		20 U		20 U		20 U		20 U	
4-Bromophenyl-phenylether	NC	10 U		10 U		10 U		10 U		10 U	
4-Chloro-3-methylphenol	NC	10 U		10 U		10 U		10 U		10 U	
4-Chloroaniline	5	10 U		10 U		10 U		10 U		10 U	
4-Chlorophenyl-phenylether	NC	10 U		10 U		10 U		10 U		10 U	
4-Methylphenol	NC	10 U		10 U		10 U		10 U		10 U	
4-Nitroaniline	5	20 U		20 U		20 U		20 U		20 U	
4-Nitrophenol	NC	20 U		20 U		20 U		20 U		20 U	
Acenaphthene	20	10 U		10 U		10 U		10 U		10 U	
Acenaphthylene	NC	10 U		10 U		10 U		10 U		10 U	
Anthracene	50	10 U		10 U		10 U		10 U		10 U	
Benzo(a)anthracene	0.002	10 U		10 U		10 U		10 U		10 U	
Benzo(a)pyrene	ND	10 U		10 U		10 U		10 U		10 U	
Benzo(b)fluoranthene	0.002	10 U		10 U		10 U		10 U		10 U	
Benzo(g,h,i)perylene	NC	10 U		10 U		10 U		10 U		10 U	
Benzo(k)fluoranthene	0.002	10 U		10 U		10 U		10 U		10 U	
Bis(2-chloroethoxy)methane	5	10 U		10 U		10 U		10 U		10 U	
Bis(2-chloroethyl)ether	1	10 U		10 U		10 U		10 U		10 U	
Bis(2-ethylhexyl)phthalate	5	10 U		10 U		10 U		10 U		10 U	
Butylbenzylphthalate	50	10 U		10 U		10 U		10 U		10 U	
Carbazole	NC	10 U		10 U		10 U		10 U		10 U	
Chrysene	0.002	10 U		10 U		10 U		10 U		10 U	
Di-n-butylphthalate	50	10 U		10 U		10 U		10 U		10 U	
Di-n-octylphthalate	50	10 U		10 U		10 U		10 U		10 U	
Dibenzo(a,h)anthracene	NC	10 U		10 U		10 U		10 U		10 U	
Dibenzofuran	NC	10 U		10 U		10 U		10 U		10 U	
Diethylphthalate	50	10 U		10 U		10 U		10 U		10 U	
Dimethylphthalate	50	10 U		10 U		10 U		10 U		10 U	
Fluoranthene	50	10 U		10 U		10 U		10 U		10 U	
Fluorene	50	10 U		10 U		10 U		10 U		10 U	
Hexachlorobenzene	0.04	10 U		10 U		10 U		10 U		10 U	
Hexachlorobutadiene	0.5	10 U		10 U		10 U		10 U		10 U	
Hexachlorocyclopentadiene	5	10 U		10 U		10 U		10 U		10 U	
Hexachloroethane	5	10 U		10 U		10 U		10 U		10 U	
Indeno(1,2,3-cd)pyrene	0.002	10 U		10 U		10 U		10 U		10 U	
Isophorone	50	10 U		10 U		10 U		10 U		10 U	

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-1		MW-2		MW-3		MW-4		MW-5	
		SMS-MW-1 J0398-04A 3/09/10 µg/L conc Q		SMS-MW-2 J0398-05A 3/9/10 µg/L conc Q		SMS-MW-3 J0398-06A 3/9/10 µg/L conc Q		SMS-MW-4 J0398-14A 3/11/10 µg/L conc Q		SMS-MW-5 J0398-11A 3/10/10 µg/L conc Q	
N-Nitroso-di-n-propylamine	NC	10 U		10 U		10 U		10 U		10 U	
N-Nitrosodiphenylamine	50	10 U		10 U		10 U		10 U		10 U	
Naphthalene	10	10 U		10 U		10 U		10 U		10 U	
Nitrobenzene	0.4	10 U		10 U		10 U		10 U		10 U	
Pentachlorophenol	1	20 U		20 U		20 U		20 U		20 U	
Phenanthrene	50	10 U		10 U		10 U		10 U		10 U	
Phenol	1	10 U		10 U		10 U		10 U		10 U	
Pyrene	50	10 U		10 U		10 U		10 U		10 U	
TAL Metals											
Aluminum	NC	604		2480		428		644		289	
Antimony	3	4.2 U		9.4 B		4.5 B		6.4 B		4.2 U	
Arsenic	25	7.5 B		5.9 B		6.1 B		7.8 B		12.7 B	
Barium	1,000	85.9 B		75.2 B		39.6 B		47.6 B		95.4 B	
Beryllium	3	0.17 B		0.34 B		0.16 B		0.14 B		0.14 B	
Cadmium	5	0.5 U		29.1		0.5 U		0.5 U		3.4 B	
Calcium	NC	33600		26200		29500		22500		20400	
Chromium	50	10.5 B		6.8 B		6.8 B		7 B		10.3 B	
Cobalt	NC	2.3 B		2.5 B		1.9 B		0.67 B		5.4 B	
Copper	200	30.8		40.6		13.1 B		10.1 B		20.5 B	
Iron	300	96300		166000		43100		52200		49300	
Lead	25	31.2		347		4.9 B		5 B		5.5 B	
Magnesium	35,000	5160		6960		4320		3210		1790	
Manganese	300	310		422		566		216		760	
Mercury	0.7	0.056 U		0.056 U		0.056 U		0.056 U		0.056 U	
Nickel	100	11.2 B		10.3 B		7.4 B		1.8 B		7.9 B	
Potassium	NC	16700		5440		7750		2880		2290	
Selenium	10	17 B		23.4 B		11.9 B		10 U		11.9 B	
Silver	50	2.4 U		2.4 U		2.4 U		2.4 U		2.4 U	
Sodium	20,000	35100		28700		16700		13100		7350	
Thallium	0.5	5.7 U		5.7 U		5.7 U		5.7 U		5.7 U	
Vanadium	NC	0.94 B		8.8 B		1 B		3.4 B		5.1 B	
Zinc	2,000	142		11800		62.2		31.4 B		25.6 B	

Notes:

- U - Not detected
- NC - No criterion
- J - Estimated value (organics)
- B - Estimated value (metals)

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-6D		MW-6S		MW-7		MW-8		MW-9	
		SMS-MW-6D	SMS-MW-6S	SMS-MW-6S	SMS-MW-7	SMS-MW-8	SMS-MW-8	SMS-MW-9	SMS-MW-9		
		J0398-10A	J0398-9A	J0398-08A	J0398-03A	J0398-01A					
		3/10/10	3/10/10	3/10/10	3/9/10	3/9/10					
		µg/L	µg/L	µg/L	µg/L	µg/L					
		conc	conc	conc	conc	conc					
		Q	Q	Q	Q	Q					
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U					
1,1,1-Trichloroethane	5	5 U	5 U	5 U	5 U	5 U					
1,1,2,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U					
1,1,2-Trichloroethane	1	5 U	5 U	5 U	5 U	5 U					
1,1-Dichloroethane	5	5 U	5 U	5 U	5 U	5 U					
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U					
1,1-Dichloropropene	5	5 U	5 U	5 U	5 U	5 U					
1,2,3-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U					
1,2,3-Trichloropropane	0.04	5 U	5 U	5 U	5 U	5 U					
1,2,4-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U					
1,2,4-Trimethylbenzene	5	5 U	5 U	5 U	5 U	5 U					
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U					
1,2-Dibromoethane	NC	5 U	5 U	5 U	5 U	5 U					
1,2-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U					
1,2-Dichloroethane	0.6	5 U	5 U	5 U	5 U	5 U					
1,2-Dichloropropane	1	5 U	5 U	5 U	5 U	5 U					
1,3,5-Trimethylbenzene	5	5 U	1.7 J	5 U	5 U	5 U					
1,3-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U					
1,3-Dichloropropane	5	5 U	5 U	5 U	5 U	5 U					
1,4-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U				1.3 J	
2,2-Dichloropropane	5	5 U	5 U	5 U	5 U	5 U					
2-Butanone	50	5 U	5 U	5 U	5 U	5 U					
2-Chlorotoluene	5	5 U	5 U	5 U	5 U	5 U					
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U					
4-Chlorotoluene	5	5 U	5 U	5 U	5 U	5 U					
4-Isopropyltoluene	5	5 U	5 U	5 U	5 U	5 U					
4-Methyl-2-pentanone	50	5 U	5 U	5 U	5 U	5 U					
Acetone	50	5 U	5 U	5 U	5 U	5 U					
Benzene	1	5 U	5 U	5 U	5 U	5 U					
Bromobenzene	5	5 U	5 U	5 U	5 U	5 U					
Bromochloromethane	5	5 U	5 U	5 U	5 U	5 U					
Bromodichloromethane	50	5 U	5 U	5 U	5 U	5 U					
Bromoform	50	5 U	5 U	5 U	5 U	5 U					
Bromomethane	5	5 U	5 U	5 U	5 U	5 U					
Carbon disulfide	60	5 U	5 U	5 U	5 U	5 U					
Carbon tetrachloride	5	5 U	5 U	5 U	5 U	5 U					
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U					
Chloroethane	5	5 U	5 U	5 U	5 U	5 U					
Chloroform	7	5 U	5 U	5 U	5 U	5 U					
Chloromethane	NC	5.9	5.1	5 U	5 U	5 U				4.6 J	
cis-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U					

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-6D		MW-6S		MW-7		MW-8		MW-9	
		SMS-MW-6D	SMS-MW-6S	SMS-MW-6S	SMS-MW-7	SMS-MW-8	SMS-MW-9	conc	Q	conc	Q
		J0398-10A	J0398-9A	J0398-08A	J0398-03A	J0398-01A					
		3/10/10	3/10/10	3/10/10	3/9/10	3/9/10					
		µg/L	µg/L	µg/L	µg/L	µg/L					
		conc	conc	conc	conc	conc					
		Q	Q	Q	Q	Q					
cis-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U					
Dibromochloromethane	50	5 U	5 U	5 U	5 U	5 U					
Dibromomethane	5	5 U	5 U	5 U	5 U	5 U					
Dichlorodifluoromethane	5	5 U	5 U	5 U	5 U	5 U					
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U					
Hexachlorobutadiene	0.5	5 U	5 U	5 U	5 U	5 U					
Iodomethane	NC	5 U	5 U	5 U	5 U	5 U					
Isopropylbenzene	5	5 U	5 U	5 U	5 U	5 U					
m,p-Xylene	5	5 U	5 U	5 U	5 U	5 U					
Methyl tert-butyl ether	10	5 U	5 U	5 U	5 U	5 U					
Methylene chloride	5	5 U	5 U	5 U	5 U	5 U					
n-Butylbenzene	5	5 U	5 U	5 U	5 U	5 U					
n-Propylbenzene	5	5 U	5 U	5 U	5 U	5 U					
Naphthalene	10	5 U	5 U	5 U	5 U	5 U					
o-Xylene	5	5 U	5 U	5 U	5 U	5 U					
sec-Butylbenzene	5	5 U	5 U	5 U	5 U	5 U					
Styrene	5	5 U	5 U	5 U	5 U	5 U					
tert-Butylbenzene	5	5 U	5 U	5 U	5 U	5 U					
Tetrachloroethene	5	5 U	5 U	1.6 J	5 U	5 U					
Toluene	5	5 U	5 U	5 U	5 U	5 U					
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U					
trans-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U					
Trichloroethene	5	5 U	5 U	5 U	5 U	5 U					
Trichlorofluoromethane	5	5 U	5 U	5 U	5 U	5 U					
Vinyl acetate	NC	5 U	5 U	5 U	5 U	5 U					
Vinyl chloride	2	5 U	5 U	5 U	5 U	5 U					
Xylene (Total)	5	5 U	5 U	5 U	5 U	5 U					
Semivolatile Organic Compounds											
1,2,4-Trichlorobenzene	5	10 U	10 U	10 U	10 U	10 U					
1,2-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U					
1,3-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U					
1,4-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U					
2,2'-oxybis(1-Chloropropane)	NC	10 U	10 U	10 U	10 U	10 U					
2,4,5-Trichlorophenol	NC	20 U	20 U	20 U	20 U	20 U					
2,4,6-Trichlorophenol	NC	10 U	10 U	10 U	10 U	10 U					
2,4-Dichlorophenol	1	10 U	10 U	10 U	10 U	10 U					
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U					
2,4-Dinitrophenol	10	20 U	20 U	20 U	20 U	20 U					
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U					
2,6-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U					
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U					
2-Chlorophenol	NC	10 U	10 U	10 U	10 U	10 U					

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-6D		MW-6S		MW-7		MW-8		MW-9	
		SMS-MW-6D	SMS-MW-6S	SMS-MW-6S	SMS-MW-7	SMS-MW-8	SMS-MW-9	concentration	Q	concentration	Q
2-Methylnaphthalene	NC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	NC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	NC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	NC	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl-phenylether	NC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	NC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	NC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	NC	10 U	1.3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Nitrophenol	NC	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	NC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-chloroethoxy)methane	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-chloroethyl)ether	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate	5	10 U	2.6 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butylbenzylphthalate	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	NC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octylphthalate	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	NC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	NC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethylphthalate	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	0.5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-6D		MW-6S		MW-7		MW-8		MW-9	
		SMS-MW-6D	SMS-MW-6S	SMS-MW-6S	SMS-MW-6S	SMS-MW-7	SMS-MW-7	SMS-MW-8	SMS-MW-8	SMS-MW-9	SMS-MW-9
		J0398-10A	J0398-9A	J0398-08A	J0398-03A	J0398-01A					
		3/10/10	3/10/10	3/10/10	3/9/10	3/9/10					
		µg/L	µg/L	µg/L	µg/L	µg/L					
		conc	conc	conc	conc	conc					
		Q	Q	Q	Q	Q					
N-Nitroso-di-n-propylamine	NC	10 U	10 U	10 U	10 U	10 U					
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U	10 U					
Naphthalene	10	10 U	10 U	10 U	10 U	10 U					
Nitrobenzene	0.4	10 U	10 U	10 U	10 U	10 U					
Pentachlorophenol	1	20 U	20 U	20 U	20 U	20 U					
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U					
Phenol	1	10 U	10 U	10 U	10 U	10 U					
Pyrene	50	10 U	10 U	10 U	10 U	10 U					
TAL Metals											
Aluminum	NC	931	8700	207	384	92.1 B					
Antimony	3	4.2 U	4.2 U	4.2 U	4.2 U	8.2 B					
Arsenic	25	3.3 B	17.5 B	5 B	3.1 U	4.3 B					
Barium	1,000	25 B	87 B	59.6 B	103 B	45.1 B					
Beryllium	3	0.1 B	3.7 B	0.22 B	0.27 B	0.3 B					
Cadmium	5	0.86 B	3.7 B	1.2 B	0.54 B	0.5 U					
Calcium	NC	16700	47200	30100	30300	23700					
Chromium	50	5.6 B	66.5	6.4 B	15.5 B	12.6 B					
Cobalt	NC	7.2 B	20.6 B	4.4 B	9 B	5.5 B					
Copper	200	17.6 B	84.9	27 B	67.2	37.2					
Iron	300	26000	46700	99500	236000	115000					
Lead	25	10	37	3.8 B	6.3 B	15.5					
Magnesium	35,000	2200	8100	5910	3610	3620					
Manganese	300	294	308	890	1020	954					
Mercury	0.7	0.11 B	0.2	0.056 U	0.056 U	0.056 U					
Nickel	100	6.9 B	23.2 B	10.2 B	24.8 B	14.5 B					
Potassium	NC	6930	2910	7900	16200	2800					
Selenium	10	11.9 B	10 U	10 U	22.9 B	23.5 B					
Silver	50	2.4 U	3.5 B	2.4 U	2.4 U	2.4 U					
Sodium	20,000	16600	9140	16400	25200	17700					
Thallium	0.5	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U					
Vanadium	NC	2.7 B	53.3	1.1 B	0.69 B	2.5 B					
Zinc	2,000	63.9	487	51.7	123	28.4 B					

Notes:

- U - Not detected
- NC - No criterion
- J - Estimated value (organics)
- B - Estimated value (metals)

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location	NYSDEC	MW-12	MW-13	MW-13D	MW-14	MW-15
Sample ID	Class GA	SMS-MW-12	SMS-MW-13S	SMS-MW-13D	SMS-MW-14	SMS-MW-15
Laboratory ID	Ground	J0445-03A	J0445-02A	J0398-19A	J0445-01A	J0398-15A
Sample Date	Water	3/12/10	3/12/10	3/11/10	3/12/10	3/11/10
Units	Criteria	µg/L	µg/L	µg/L	µg/L	µg/L
		conc Q	conc Q	conc Q	conc Q	conc Q
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	0.04	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	0.6	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5	5 U	5 U	5 U	5 U	5 U
2-Butanone	50	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5	5 U	5 U	5 U	5 U	5 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5	5 U	5 U	5 U	5 U	5 U
4-Isopropyltoluene	5	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	50	5 U	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U
Benzene	1	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50	5 U	5 U	5 U	5 U	5 U
Bromoform	50	5 U	5 U	5 U	5 U	5 U
Bromomethane	5	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U
Chloroethane	5	5 U	5 U	5 U	5 U	5 U
Chloroform	7	5 U	5 U	5 U	5 U	5 U
Chloromethane	NC	5 U	5 U	2.9 J	5 U	4.1 J
cis-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC	MW-12	MW-13	MW-13D	MW-14	MW-15
	Class GA	SMS-MW-12	SMS-MW-13S	SMS-MW-13D	SMS-MW-14	SMS-MW-15
	Ground	J0445-03A	J0445-02A	J0398-19A	J0445-01A	J0398-15A
	Water	3/12/10	3/12/10	3/11/10	3/12/10	3/11/10
	Criteria	µg/L	µg/L	µg/L	µg/L	µg/L
		conc Q	conc Q	conc Q	conc Q	conc Q
cis-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	0.5	5 U	5 U	5 U	5 U	5 U
Iodomethane	NC	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5	5 U	5 U	5 U	5 U	5 U
m,p-Xylene	5	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether	10	5 U	5 U	5 U	5 U	5 U
Methylene chloride	5	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	5	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5	5 U	5 U	5 U	5 U	5 U
Naphthalene	10	5 U	5 U	5 U	5 U	5 U
o-Xylene	5	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5	5 U	5 U	5 U	5 U	5 U
Styrene	5	5 U	5 U	5 U	5 U	5 U
tert-Butylbenzene	5	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	5 U	5 U	5 U	5 U	5 U
Toluene	5	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5	5 U	5 U	5 U	5 U	5 U
Vinyl acetate	NC	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	2	5 U	5 U	5 U	5 U	5 U
Xylene (Total)	5	5 U	5 U	5 U	5 U	5 U
Semivolatile Organic Compounds						
1,2,4-Trichlorobenzene	5	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	NC	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NC	20 U	20 U	20 U	20 U	20 U
2,4,6-Trichlorophenol	NC	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	1	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	NC	10 U	10 U	10 U	10 U	10 U

**APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS**

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-12		MW-13		MW-13D		MW-14		MW-15	
		SMS-MW-12	SMS-MW-13S	SMS-MW-13D	SMS-MW-14	SMS-MW-15	conc	Q	conc	Q	conc
2-Methylnaphthalene	NC	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
2-Methylphenol	NC	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
2-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U		20 U		20 U	
2-Nitrophenol	NC	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
3-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U		20 U		20 U	
4,6-Dinitro-2-methylphenol	NC	20 U	20 U	20 U	20 U	20 U		20 U		20 U	
4-Bromophenyl-phenylether	NC	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
4-Chloro-3-methylphenol	NC	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
4-Chlorophenyl-phenylether	NC	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
4-Methylphenol	NC	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
4-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U		20 U		20 U	
4-Nitrophenol	NC	20 U	20 U	20 U	20 U	20 U		20 U		20 U	
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Acenaphthylene	NC	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Anthracene	50	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Benzo(a)anthracene	0.002	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Benzo(a)pyrene	ND	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Benzo(b)fluoranthene	0.002	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Benzo(g,h,i)perylene	NC	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Benzo(k)fluoranthene	0.002	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Bis(2-chloroethoxy)methane	5	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Bis(2-chloroethyl)ether	1	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Bis(2-ethylhexyl)phthalate	5	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Butylbenzylphthalate	50	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Carbazole	NC	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Chrysene	0.002	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Di-n-butylphthalate	50	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Di-n-octylphthalate	50	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Dibenzo(a,h)anthracene	NC	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Dibenzofuran	NC	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Diethylphthalate	50	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Dimethylphthalate	50	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Fluorene	50	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Hexachlorobenzene	0.04	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Hexachlorobutadiene	0.5	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Hexachloroethane	5	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Indeno(1,2,3-cd)pyrene	0.002	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
Isophorone	50	10 U	10 U	10 U	10 U	10 U		10 U		10 U	

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC	MW-12	MW-13	MW-13D	MW-14	MW-15
	Class GA	SMS-MW-12	SMS-MW-13S	SMS-MW-13D	SMS-MW-14	SMS-MW-15
	Ground	J0445-03A	J0445-02A	J0398-19A	J0445-01A	J0398-15A
	Water	3/12/10	3/12/10	3/11/10	3/12/10	3/11/10
Criteria	µg/L	µg/L	µg/L	µg/L	µg/L	
		conc Q	conc Q	conc Q	conc Q	conc Q
N-Nitroso-di-n-propylamine	NC	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	0.4	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	1	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U
TAL Metals						
Aluminum	NC	211	145 B	86 B	229	132 B
Antimony	3	4.2 U	4.2 U	8 B	8.5 B	5 B
Arsenic	25	3.3 B	7.6 B	3.1 U	5.3 B	3.3 B
Barium	1,000	29.2 B	16.3 B	75.4 B	31 B	42.4 B
Beryllium	3	0.037 U	0.037 U	0.064 B	0.037 U	0.097 B
Cadmium	5	0.63 B	1.1 B	57.6	0.5 U	1.4 B
Calcium	NC	12500	5260	13100	16100	17600
Chromium	50	1.2 B	3.3 B	20 B	1.2 B	125
Cobalt	NC	1.4 B	3.8 B	0.67 U	0.72 B	7.5 B
Copper	200	10.9 B	11 B	19.5 B	9.1 B	4.7 U
Iron	300	35100	28600	515	63000	2150
Lead	25	2.1 U	2.1 U	4.2 B	2.1 U	6.9 B
Magnesium	35,000	848	677	7390	1810	4030
Manganese	300	468	434	18.5 B	350	457
Mercury	0.7	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U
Nickel	100	3.4 B	5.5 B	139	2.7 B	59
Potassium	NC	4760	18300	3470	9900	12300
Selenium	10	12 B	10 U	15.6 B	13 B	10 U
Silver	50	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Sodium	20,000	5970	12400	26100	9680	20600
Thallium	0.5	5.7 U	9.7 B	5.7 U	5.7 U	5.7 U
Vanadium	NC	0.76 B	1.1 B	0.44 B	0.38 B	1.5 B
Zinc	2,000	26.8 B	68	60.4	17.7 B	23.2 B

Notes:

- U - Not detected
- NC - No criterion
- J - Estimated value (organics)
- B - Estimated value (metals)

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-16D		MW-16M		MW-16S		MW-17	
		SMS-MW-16D	SMS-MW-16M	SMS-MW-16S	SMS-MW-16S	SMS-MW-17			
		J0398-17A	J0398-18A	J0398-16A	J0398-16A	J0398-12A			
		3/11/10	3/11/10	3/11/10	3/11/10	3/10/10			
		µg/L	µg/L	µg/L	µg/L	µg/L			
		conc	conc	conc	conc	conc			
		Q	Q	Q	Q	Q			
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U			
1,1,1-Trichloroethane	5	5 U	5 U	5 U	5 U	5 U			
1,1,2,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U			
1,1,2-Trichloroethane	1	5 U	5 U	5 U	5 U	5 U			
1,1-Dichloroethane	5	5 U	5 U	5 U	5 U	5 U			
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U			
1,1-Dichloropropene	5	5 U	5 U	5 U	5 U	5 U			
1,2,3-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U			
1,2,3-Trichloropropane	0.04	5 U	5 U	5 U	5 U	5 U			
1,2,4-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U			
1,2,4-Trimethylbenzene	5	5 U	5 U	5 U	5 U	5 U			
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U			
1,2-Dibromoethane	NC	5 U	5 U	5 U	5 U	5 U			
1,2-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U			
1,2-Dichloroethane	0.6	5 U	5 U	5 U	5 U	5 U			
1,2-Dichloropropane	1	5 U	5 U	5 U	5 U	5 U			
1,3,5-Trimethylbenzene	5	5 U	5 U	5 U	5 U	5 U			
1,3-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U			
1,3-Dichloropropane	5	5 U	5 U	5 U	5 U	5 U			
1,4-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U			
2,2-Dichloropropane	5	5 U	5 U	5 U	5 U	5 U			
2-Butanone	50	5 U	5 U	5 U	5 U	5 U			
2-Chlorotoluene	5	5 U	5 U	5 U	5 U	5 U			
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U			
4-Chlorotoluene	5	5 U	5 U	5 U	5 U	5 U			
4-Isopropyltoluene	5	5 U	5 U	5 U	5 U	5 U			
4-Methyl-2-pentanone	50	5 U	5 U	5 U	5 U	5 U			
Acetone	50	5 U	5 U	5 U	5 U	5 U			
Benzene	1	5 U	5 U	5 U	5 U	5 U			
Bromobenzene	5	5 U	5 U	5 U	5 U	5 U			
Bromochloromethane	5	5 U	5 U	5 U	5 U	5 U			
Bromodichloromethane	50	5 U	5 U	5 U	5 U	5 U			
Bromoform	50	5 U	5 U	5 U	5 U	5 U			
Bromomethane	5	5 U	5 U	5 U	5 U	5 U			
Carbon disulfide	60	5 U	5 U	5 U	5 U	5 U			
Carbon tetrachloride	5	5 U	5 U	5 U	5 U	5 U			
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U			
Chloroethane	5	5 U	5 U	5 U	5 U	5 U			
Chloroform	7	5 U	5 U	5 U	5 U	5 U			
Chloromethane	NC	5.3	5 U	5 U	5 U	5 U		3.2 J	
cis-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U			

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-16D		MW-16M		MW-16S		MW-17	
		SMS-MW-16D	SMS-MW-16M	SMS-MW-16S	SMS-MW-16S	SMS-MW-17			
		J0398-17A	J0398-18A	J0398-16A	J0398-16A	J0398-12A			
		3/11/10	3/11/10	3/11/10	3/11/10	3/10/10			
		µg/L	µg/L	µg/L	µg/L	µg/L			
		conc	conc	conc	conc	conc			
		Q	Q	Q	Q	Q			
cis-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U			
Dibromochloromethane	50	5 U	5 U	5 U	5 U	5 U			
Dibromomethane	5	5 U	5 U	5 U	5 U	5 U			
Dichlorodifluoromethane	5	5 U	5 U	5 U	5 U	5 U			
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U			
Hexachlorobutadiene	0.5	5 U	5 U	5 U	5 U	5 U			
Iodomethane	NC	5 U	5 U	5 U	5 U	5 U			
Isopropylbenzene	5	5 U	5 U	5 U	5 U	5 U			
m,p-Xylene	5	5 U	5 U	5 U	5 U	5 U			
Methyl tert-butyl ether	10	5 U	5 U	5 U	5 U	5 U			
Methylene chloride	5	5 U	5 U	5 U	5 U	5 U			
n-Butylbenzene	5	5 U	5 U	5 U	5 U	5 U			
n-Propylbenzene	5	5 U	5 U	5 U	5 U	5 U			
Naphthalene	10	5 U	5 U	5 U	5 U	5 U			
o-Xylene	5	5 U	5 U	5 U	5 U	5 U			
sec-Butylbenzene	5	5 U	5 U	5 U	5 U	5 U			
Styrene	5	5 U	5 U	5 U	5 U	5 U			
tert-Butylbenzene	5	5 U	5 U	5 U	5 U	5 U			
Tetrachloroethene	5	5 U	5 U	5 U	5 U	5 U			
Toluene	5	5 U	5 U	5 U	5 U	5 U		1.2 J	
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U			
trans-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U			
Trichloroethene	5	5 U	5 U	5 U	5 U	5 U			
Trichlorofluoromethane	5	5 U	5 U	5 U	5 U	5 U			
Vinyl acetate	NC	5 U	5 U	5 U	5 U	5 U			
Vinyl chloride	2	5 U	5 U	5 U	5 U	5 U			
Xylene (Total)	5	5 U	5 U	5 U	5 U	5 U			
Semivolatile Organic Compounds									
1,2,4-Trichlorobenzene	5	10 U	10 U	10 U	10 U	10 U			
1,2-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U			
1,3-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U			
1,4-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U			
2,2'-oxybis(1-Chloropropane)	NC	10 U	10 U	10 U	10 U	10 U			
2,4,5-Trichlorophenol	NC	20 U	20 U	20 U	20 U	20 U			
2,4,6-Trichlorophenol	NC	10 U	10 U	10 U	10 U	10 U			
2,4-Dichlorophenol	1	10 U	10 U	10 U	10 U	10 U			
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U			
2,4-Dinitrophenol	10	20 U	20 U	20 U	20 U	20 U			
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U			
2,6-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U			
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U			
2-Chlorophenol	NC	10 U	10 U	10 U	10 U	10 U			

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-16D		MW-16M		MW-16S		MW-17	
		SMS-MW-16D	SMS-MW-16M	SMS-MW-16S	SMS-MW-16S	SMS-MW-17			
		J0398-17A	J0398-18A	J0398-16A	J0398-16A	J0398-12A			
		3/11/10	3/11/10	3/11/10	3/11/10	3/10/10			
		µg/L	µg/L	µg/L	µg/L	µg/L			
		conc	conc	conc	conc	conc			
		Q	Q	Q	Q	Q			
2-Methylnaphthalene	NC	10 U	10 U	10 U	10 U	10 U			
2-Methylphenol	NC	10 U	10 U	10 U	10 U	10 U			
2-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U			
2-Nitrophenol	NC	10 U	10 U	10 U	10 U	10 U			
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U	10 U			
3-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U			
4,6-Dinitro-2-methylphenol	NC	20 U	20 U	20 U	20 U	20 U			
4-Bromophenyl-phenylether	NC	10 U	10 U	10 U	10 U	10 U			
4-Chloro-3-methylphenol	NC	10 U	10 U	10 U	10 U	10 U			
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U			
4-Chlorophenyl-phenylether	NC	10 U	10 U	10 U	10 U	10 U			
4-Methylphenol	NC	10 U	10 U	10 U	10 U	10 U			
4-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U			
4-Nitrophenol	NC	20 U	20 U	20 U	20 U	20 U			
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U			
Acenaphthylene	NC	10 U	10 U	10 U	10 U	10 U			
Anthracene	50	10 U	10 U	10 U	10 U	10 U			
Benzo(a)anthracene	0.002	10 U	10 U	10 U	10 U	10 U			
Benzo(a)pyrene	ND	10 U	10 U	10 U	10 U	10 U			
Benzo(b)fluoranthene	0.002	10 U	10 U	10 U	10 U	10 U			
Benzo(g,h,i)perylene	NC	10 U	10 U	10 U	10 U	10 U			
Benzo(k)fluoranthene	0.002	10 U	10 U	10 U	10 U	10 U			
Bis(2-chloroethoxy)methane	5	10 U	10 U	10 U	10 U	10 U			
Bis(2-chloroethyl)ether	1	10 U	10 U	10 U	10 U	10 U			
Bis(2-ethylhexyl)phthalate	5	10 U	10 U	10 U	10 U	10 U			
Butylbenzylphthalate	50	10 U	10 U	10 U	10 U	10 U			
Carbazole	NC	10 U	10 U	10 U	10 U	10 U			
Chrysene	0.002	10 U	10 U	10 U	10 U	10 U			
Di-n-butylphthalate	50	10 U	10 U	10 U	10 U	10 U			
Di-n-octylphthalate	50	10 U	10 U	10 U	10 U	10 U			
Dibenzo(a,h)anthracene	NC	10 U	10 U	10 U	10 U	10 U			
Dibenzofuran	NC	10 U	10 U	10 U	10 U	10 U			
Diethylphthalate	50	10 U	10 U	10 U	10 U	10 U			
Dimethylphthalate	50	10 U	10 U	10 U	10 U	10 U			
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U			
Fluorene	50	10 U	10 U	10 U	10 U	10 U			
Hexachlorobenzene	0.04	10 U	10 U	10 U	10 U	10 U			
Hexachlorobutadiene	0.5	10 U	10 U	10 U	10 U	10 U			
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U			
Hexachloroethane	5	10 U	10 U	10 U	10 U	10 U			
Indeno(1,2,3-cd)pyrene	0.002	10 U	10 U	10 U	10 U	10 U			
Isophorone	50	10 U	10 U	10 U	10 U	10 U			

APPENDIX TABLE C1
SMS INSTRUMENTS SITE (#1-52-026)
MARCH 2010 GROUNDWATER SAMPLING
VOCs, SVOCs and TAL METALS

Sample Location Sample ID Laboratory ID Sample Date Units	NYSDEC Class GA Ground Water Criteria	MW-16D		MW-16M		MW-16S		MW-17	
		SMS-MW-16D	SMS-MW-16M	SMS-MW-16S	SMS-MW-16S	SMS-MW-17			
		J0398-17A	J0398-18A	J0398-16A	J0398-12A				
		3/11/10	3/11/10	3/11/10	3/10/10				
		µg/L	µg/L	µg/L	µg/L				
		conc	conc	conc	conc				
		Q	Q	Q	Q				
N-Nitroso-di-n-propylamine	NC	10 U	10 U	10 U	10 U				
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U				
Naphthalene	10	10 U	10 U	10 U	10 U				
Nitrobenzene	0.4	10 U	10 U	10 U	10 U				
Pentachlorophenol	1	20 U	20 U	20 U	20 U				
Phenanthrene	50	10 U	10 U	10 U	10 U				
Phenol	1	10 U	10 U	10 U	10 U				
Pyrene	50	10 U	10 U	10 U	10 U				
TAL Metals									
Aluminum	NC	200	176 B	114 B	530				
Antimony	3	4.2 U	4.2 U	4.5 B	11.1 B				
Arsenic	25	3.1 U	5.6 B	3.4 B	3.1 U				
Barium	1,000	44.6 B	83.6 B	36.7 B	69.9 B				
Beryllium	3	0.05 B	0.078 B	0.051 B	0.093 B				
Cadmium	5	24.9	0.84 B	5.1	3.1 B				
Calcium	NC	19000	23600	29200	14100				
Chromium	50	39.7	8.7 B	59.8	161				
Cobalt	NC	0.67 U	2.6 B	4.1 B	8.5 B				
Copper	200	6.2 B	5.3 B	11.6 B	11.2 B				
Iron	300	516	571	1200	3940				
Lead	25	4.2 B	6 B	2.1 U	9.5 B				
Magnesium	35,000	3610	3200	4970	985				
Manganese	300	36.5 B	107	443	2640				
Mercury	0.7	0.056 U	0.057 B	0.067 B	0.056 U				
Nickel	100	8 B	5.3 B	20.2 B	14.8 B				
Potassium	NC	5720	8360	4930	2410				
Selenium	10	14.7 B	10 U	10 U	10 U				
Silver	50	2.4 U	2.4 U	2.4 U	2.4 U				
Sodium	20,000	14700	31600	19500	3560				
Thallium	0.5	5.7 U	5.7 U	5.7 U	5.7 U				
Vanadium	NC	0.66 B	0.76 B	1.2 B	4.9 B				
Zinc	2,000	30.5 B	24.3 B	28.3 B	30.2 B				

Notes:

- U - Not detected
- NC - No criterion
- J - Estimated value (organics)
- B - Estimated value (metals)



- Final Report
- Re-Issued Report
- Revised Report

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

Laboratory Report

AECOM Technical Services, Inc.
300 Broadacres Drive
Bloomfield, NJ 07003

Work Order: J0398
Project : SMS Instruments, 152026
Project #:

Attn: Paul Kareth

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
J0398-01	SMS-MW-9	Aqueous	09-Mar-10 09:45	10-Mar-10 08:55
J0398-02	SMS-MW-59	Aqueous	09-Mar-10 09:50	10-Mar-10 08:55
J0398-03	SMS-MW-8	Aqueous	09-Mar-10 10:45	10-Mar-10 08:55
J0398-04	SMS-MW-1	Aqueous	09-Mar-10 11:35	10-Mar-10 08:55
J0398-05	SMS-MW-2	Aqueous	09-Mar-10 12:12	10-Mar-10 08:55
J0398-06	SMS-MW-3	Aqueous	09-Mar-10 13:13	10-Mar-10 08:55
J0398-07	TB-1	Aqueous	09-Mar-10 00:00	10-Mar-10 08:55
J0398-08	SMS-MW-7	Aqueous	10-Mar-10 08:50	10-Mar-10 08:55
J0398-09	SMS-MW-6	Aqueous	10-Mar-10 10:10	10-Mar-10 08:55
J0398-10	SMS-MW-6D	Aqueous	10-Mar-10 11:25	10-Mar-10 08:55
J0398-11	SMS-MW-5	Aqueous	10-Mar-10 13:13	10-Mar-10 08:55
J0398-12	SMS-MW-17	Aqueous	10-Mar-10 14:44	10-Mar-10 08:55
J0398-13	TB-02	Aqueous	10-Mar-10 00:00	10-Mar-10 08:55
J0398-14	SMS-MW-4	Aqueous	11-Mar-10 09:40	12-Mar-10 08:29
J0398-15	SMS-MW-15	Aqueous	11-Mar-10 11:00	12-Mar-10 08:29
J0398-16	SMS-MW-16S	Aqueous	11-Mar-10 11:50	12-Mar-10 08:29
J0398-17	SMS-MW-16D	Aqueous	11-Mar-10 13:50	12-Mar-10 08:29
J0398-18	SMS-MW-16M	Aqueous	11-Mar-10 14:44	12-Mar-10 08:29
J0398-19	SMS-MW-13D	Aqueous	11-Mar-10 16:10	12-Mar-10 08:29
J0398-20	TB-3	Aqueous	11-Mar-10 00:00	12-Mar-10 08:29

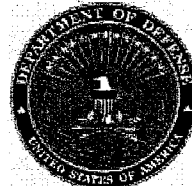
I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. The results relate only to the samples(s) as received.

All applicable NELAC or USEPA CLP requirements have been met.

Mitkem Laboratories is accredited under the National Environmental Laboratory Approval Program (NELAP) and is certified by several States, as well as USEPA and US Department of Defense. The current list of our laboratory approvals and certifications is available on the Certifications page our web site at www.mitkem.com.

Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

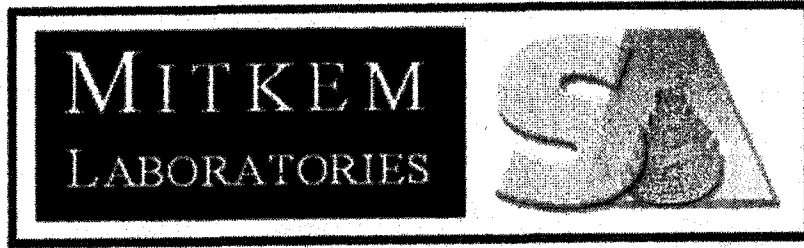
Department of Defense	N/A
Connecticut	PH-0153
Delaware	N/A
Maine	2007037
Massachusetts	M-RI907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Pennsylvania	68-00520
Rhode Island	LAI00301
Texas	T104704422-08-TX
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-05-030



Authorized by:

Yihai Ding
Laboratory Director

Technical Reviewer's Initials:



*** Data Summary Pack ***

Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : J0398

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
SMS-MW-9	J0398-01	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-9	J0398-01				SW7470	
SMS-MW-59	J0398-02	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-59	J0398-02				SW7470	
SMS-MW-8	J0398-03	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-8	J0398-03				SW7470	
SMS-MW-1	J0398-04	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-1	J0398-04				SW7470	
SMS-MW-2	J0398-05	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-2	J0398-05				SW7470	
SMS-MW-3	J0398-06	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-3	J0398-06				SW7470	
TB-1	J0398-07	SW8260_W				
SMS-MW-7	J0398-08	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-7	J0398-08				SW7470	
SMS-MW-6	J0398-09	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-6	J0398-09				SW7470	
SMS-MW-6D	J0398-10	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-6D	J0398-10				SW7470	
SMS-MW-5	J0398-11	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-5	J0398-11				SW7470	
SMS-MW-17	J0398-12	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-17	J0398-12				SW7470	
TB-02	J0398-13	SW8260_W				
SMS-MW-4	J0398-14	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-4	J0398-14				SW7470	
SMS-MW-15	J0398-15	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-15	J0398-15				SW7470	
SMS-MW-16S	J0398-16	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-16S	J0398-16				SW7470	
SMS-MW-16D	J0398-17	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-16D	J0398-17				SW7470	
SMS-MW-16M	J0398-18	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-16M	J0398-18				SW7470	
SMS-MW-13D	J0398-19	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-13D	J0398-19				SW7470	
TB-3	J0398-20	SW8260_W				

Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : J0398

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260_W					
J0398-01A	AQ	3/9/2010	3/10/2010	NA	3/19/2010
J0398-02A	AQ	3/9/2010	3/10/2010	NA	3/19/2010
J0398-03A	AQ	3/9/2010	3/10/2010	NA	3/19/2010
J0398-04A	AQ	3/9/2010	3/10/2010	NA	3/19/2010
J0398-05A	AQ	3/9/2010	3/10/2010	NA	3/19/2010
J0398-06A	AQ	3/9/2010	3/10/2010	NA	3/19/2010
J0398-07A	AQ	3/9/2010	3/10/2010	NA	3/19/2010
J0398-08A	AQ	3/10/2010	3/10/2010	NA	3/23/2010
J0398-09A	AQ	3/10/2010	3/10/2010	NA	3/23/2010
J0398-10A	AQ	3/10/2010	3/10/2010	NA	3/23/2010
J0398-11A	AQ	3/10/2010	3/10/2010	NA	3/24/2010
J0398-12A	AQ	3/10/2010	3/10/2010	NA	3/24/2010
J0398-13A	AQ	3/10/2010	3/10/2010	NA	3/23/2010
J0398-14A	AQ	3/11/2010	3/12/2010	NA	3/19/2010
J0398-15A	AQ	3/11/2010	3/12/2010	NA	3/19/2010
J0398-16A	AQ	3/11/2010	3/12/2010	NA	3/19/2010
J0398-17A	AQ	3/11/2010	3/12/2010	NA	3/19/2010
J0398-18A	AQ	3/11/2010	3/12/2010	NA	3/19/2010
J0398-19A	AQ	3/11/2010	3/12/2010	NA	3/25/2010
J0398-19AMS	AQ	3/11/2010	3/12/2010	NA	3/24/2010
J0398-19AMSD	AQ	3/11/2010	3/12/2010	NA	3/24/2010
J0398-20A	AQ	3/11/2010	3/12/2010	NA	3/19/2010

Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : J0398

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8270_W					
J0398-01C	AQ	3/9/2010	3/10/2010	3/16/2010	3/18/2010
J0398-02C	AQ	3/9/2010	3/10/2010	3/16/2010	3/18/2010
J0398-03C	AQ	3/9/2010	3/10/2010	3/16/2010	3/18/2010
J0398-04C	AQ	3/9/2010	3/10/2010	3/16/2010	3/18/2010
J0398-05C	AQ	3/9/2010	3/10/2010	3/16/2010	3/18/2010
J0398-06C	AQ	3/9/2010	3/10/2010	3/16/2010	3/18/2010
J0398-08C	AQ	3/10/2010	3/10/2010	3/16/2010	3/18/2010
J0398-09C	AQ	3/10/2010	3/10/2010	3/16/2010	3/18/2010
J0398-10C	AQ	3/10/2010	3/10/2010	3/16/2010	3/18/2010
J0398-11C	AQ	3/10/2010	3/10/2010	3/16/2010	3/18/2010
J0398-12C	AQ	3/10/2010	3/10/2010	3/16/2010	3/18/2010
J0398-14C	AQ	3/11/2010	3/12/2010	3/18/2010	3/19/2010
J0398-15C	AQ	3/11/2010	3/12/2010	3/18/2010	3/19/2010
J0398-16C	AQ	3/11/2010	3/12/2010	3/18/2010	3/19/2010
J0398-17C	AQ	3/11/2010	3/12/2010	3/18/2010	3/19/2010
J0398-18C	AQ	3/11/2010	3/12/2010	3/18/2010	3/19/2010
J0398-19C	AQ	3/11/2010	3/12/2010	3/18/2010	3/19/2010
J0398-19CMS	AQ	3/11/2010	3/12/2010	3/18/2010	3/19/2010
J0398-19CMSD	AQ	3/11/2010	3/12/2010	3/18/2010	3/19/2010

Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : J0398

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260_W					
J0398-01A	AQ	SW8260_W	NA	LOW	1
J0398-02A	AQ	SW8260_W	NA	LOW	1
J0398-03A	AQ	SW8260_W	NA	LOW	1
J0398-04A	AQ	SW8260_W	NA	LOW	1
J0398-05A	AQ	SW8260_W	NA	LOW	1
J0398-06A	AQ	SW8260_W	NA	LOW	1
J0398-07A	AQ	SW8260_W	NA	LOW	1
J0398-08A	AQ	SW8260_W	NA	LOW	1
J0398-09A	AQ	SW8260_W	NA	LOW	1
J0398-10A	AQ	SW8260_W	NA	LOW	1
J0398-11A	AQ	SW8260_W	NA	LOW	1
J0398-12A	AQ	SW8260_W	NA	LOW	1
J0398-13A	AQ	SW8260_W	NA	LOW	1
J0398-14A	AQ	SW8260_W	NA	LOW	1
J0398-15A	AQ	SW8260_W	NA	LOW	1
J0398-16A	AQ	SW8260_W	NA	LOW	1
J0398-17A	AQ	SW8260_W	NA	LOW	1
J0398-18A	AQ	SW8260_W	NA	LOW	1
J0398-19A	AQ	SW8260_W	NA	LOW	1
J0398-19AMS	AQ	SW8260_W	NA	LOW	1
J0398-19AMSD	AQ	SW8260_W	NA	LOW	1
J0398-20A	AQ	SW8260_W	NA	LOW	1

Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : J0398

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
SW8270_W					
J0398-01C	AQ	SW8270_W	3520C	NA	1
J0398-02C	AQ	SW8270_W	3520C	NA	1
J0398-03C	AQ	SW8270_W	3520C	NA	1
J0398-04C	AQ	SW8270_W	3520C	NA	1
J0398-05C	AQ	SW8270_W	3520C	NA	1
J0398-06C	AQ	SW8270_W	3520C	NA	1
J0398-08C	AQ	SW8270_W	3520C	NA	1
J0398-09C	AQ	SW8270_W	3520C	NA	1
J0398-10C	AQ	SW8270_W	3520C	NA	1
J0398-11C	AQ	SW8270_W	3520C	NA	1
J0398-12C	AQ	SW8270_W	3520C	NA	1
J0398-14C	AQ	SW8270_W	3520C	NA	1
J0398-15C	AQ	SW8270_W	3520C	NA	1
J0398-16C	AQ	SW8270_W	3520C	NA	1
J0398-17C	AQ	SW8270_W	3520C	NA	1
J0398-18C	AQ	SW8270_W	3520C	NA	1
J0398-19C	AQ	SW8270_W	3520C	NA	1
J0398-19CMS	AQ	SW8270_W	3520C	NA	1
J0398-19CMSD	AQ	SW8270_W	3520C	NA	1

Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : J0398

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SW6010_W				
J0398-01B	AQ	SW6010_W	3/10/2010	3/23/2010
J0398-02B	AQ	SW6010_W	3/10/2010	3/23/2010
J0398-03B	AQ	SW6010_W	3/10/2010	3/23/2010
J0398-04B	AQ	SW6010_W	3/10/2010	3/23/2010
J0398-05B	AQ	SW6010_W	3/10/2010	3/23/2010
J0398-06B	AQ	SW6010_W	3/10/2010	3/23/2010
J0398-08B	AQ	SW6010_W	3/10/2010	3/23/2010
J0398-09B	AQ	SW6010_W	3/10/2010	3/23/2010
J0398-10B	AQ	SW6010_W	3/10/2010	3/23/2010
J0398-11B	AQ	SW6010_W	3/10/2010	3/23/2010
J0398-12B	AQ	SW6010_W	3/10/2010	3/23/2010
J0398-14B	AQ	SW6010_W	3/12/2010	3/23/2010
J0398-15B	AQ	SW6010_W	3/12/2010	3/23/2010
J0398-16B	AQ	SW6010_W	3/12/2010	3/23/2010
J0398-17B	AQ	SW6010_W	3/12/2010	3/23/2010
J0398-18B	AQ	SW6010_W	3/12/2010	3/23/2010
J0398-19B	AQ	SW6010_W	3/12/2010	3/23/2010
J0398-19BDUP	AQ	SW6010_W	3/12/2010	3/23/2010
J0398-19BMS	AQ	SW6010_W	3/12/2010	3/23/2010
SW7470				
J0398-01B	AQ	SW7470	3/10/2010	3/23/2010
J0398-02B	AQ	SW7470	3/10/2010	3/23/2010
J0398-03B	AQ	SW7470	3/10/2010	3/23/2010
J0398-04B	AQ	SW7470	3/10/2010	3/23/2010
J0398-05B	AQ	SW7470	3/10/2010	3/23/2010
J0398-06B	AQ	SW7470	3/10/2010	3/23/2010
J0398-08B	AQ	SW7470	3/10/2010	3/23/2010
J0398-09B	AQ	SW7470	3/10/2010	3/23/2010
J0398-10B	AQ	SW7470	3/10/2010	3/23/2010
J0398-11B	AQ	SW7470	3/10/2010	3/23/2010
J0398-12B	AQ	SW7470	3/10/2010	3/23/2010
J0398-14B	AQ	SW7470	3/12/2010	3/23/2010
J0398-15B	AQ	SW7470	3/12/2010	3/23/2010
J0398-16B	AQ	SW7470	3/12/2010	3/23/2010
J0398-17B	AQ	SW7470	3/12/2010	3/23/2010
J0398-18B	AQ	SW7470	3/12/2010	3/23/2010
J0398-19B	AQ	SW7470	3/12/2010	3/25/2010
J0398-19BDUP	AQ	SW7470	3/12/2010	3/25/2010
J0398-19BMS	AQ	SW7470	3/12/2010	3/25/2010

Analytical Data Package for AECOM Technical Services, Inc.

Client Project: SMS

SDG# SJ0398

Mitkem Work Order ID: J0398

April 13, 2010

Prepared For: AECOM Technical Services, Inc.
300 Broadacres Drive
Bloomfield, NJ 07003
Attn: Mr. Paul Kareth

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

SDG Narrative

Mitkem Laboratories submits the enclosed data package in response to AECOM Technical Services, Inc.'s SMS project. Under this deliverable, analysis results are presented for twenty aqueous samples that were received from March 10 to March 12, 2010. Analyses were performed per specifications in the project's contract and 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 (2000update) 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/lab control sample duplicate: spike recoveries and replicate RPDs were within the QC limits.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample SMS-MW-13D. Spike recoveries were within the QC limits with the exception of low recovery of 2,2-dichloropropane in the matrix spike and matrix spike duplicate. Replicate RPDs were within the QC limits.

Sample analysis: m,p-xylene and total xylene were detected in method blank MB-49928 below the reporting limit but above the method detection limit. m,p-Xylene and total xylene were not detected in the associated samples. Please note that chloromethane was detected in the following samples at for below the reporting limit: SMS-MW-9, SMS-MW-1, SMS-MW-3, SMS-MW-6, SMS-MW-6D, SMS-MW-17, SMS-MW-15, SMS-MW-16D and SMS-MW-13D. This may be due to possible contamination from the HCl used in preserving the samples. 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 LCS-49849 and high recovery of 2-methylnaphthalene in LCSD-49849. Replicate RPDs were within the QC limits.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample SMS-MW-13D. Spike recoveries were within the QC limits with the exception of no recovery of 3,3'-dichlorobenzidine and high recovery of hexachlorobenzene in the matrix spike and no recovery of 3,3'-dichlorobenzidine in the matrix spike duplicate. Replicate RPDs were within the QC limits with the exception of 4-chloroaniline

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

4. Metals Analysis:

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

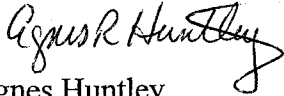
Matrix spike: matrix spike was performed on sample SMS-MW-13D. Spike recoveries were within the QC limits.

Duplicate: duplicate analysis was performed on sample SMS-MW-13D. Replicate RPDs were within the QC limits.

Sample analysis: serial dilution was performed on sample SMS-MW-13D. 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 Huntley
CLP Project Manager
04/13/10

WorkOrder: J0398

04/13/2010 13:52

Mitekem Laboratories

Client ID: EARTH_NJ

Project: SMS Instruments, 152026

WO Name: SMS Instruments, 152026

Location: SMS,

Comments: N/A

Case:

SDG:

PO: D003821-41

HC Due: 04/02/10

Fax Due: 03/26/10

Fax Report:

Report Level: ASP-B

Special Program:

EDD: CLF

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
J0398-01A	SMS-MW-9	03/09/2010 09:45	03/10/2010	Aqueous	SW8260_W	/					VOA
J0398-01B	SMS-MW-9	03/09/2010 09:45	03/10/2010	Aqueous	SW6010_W	/ TAL				Y	M1
J0398-01B	SMS-MW-9	03/09/2010 09:45	03/10/2010	Aqueous	SW7470	/ TAL					M1
J0398-01C	SMS-MW-9	03/09/2010 09:45	03/10/2010	Aqueous	SW8270_W	/					N4
J0398-02A	SMS-MW-59	03/09/2010 09:50	03/10/2010	Aqueous	SW8260_W	/					VOA
J0398-02B	SMS-MW-59	03/09/2010 09:50	03/10/2010	Aqueous	SW6010_W	/ TAL				Y	M1
J0398-02B	SMS-MW-59	03/09/2010 09:50	03/10/2010	Aqueous	SW7470	/ TAL					M1
J0398-02C	SMS-MW-59	03/09/2010 09:50	03/10/2010	Aqueous	SW8270_W	/					N4
J0398-03A	SMS-MW-8	03/09/2010 10:45	03/10/2010	Aqueous	SW8260_W	/					VOA
J0398-03B	SMS-MW-8	03/09/2010 10:45	03/10/2010	Aqueous	SW6010_W	/ TAL				Y	M1
J0398-03B	SMS-MW-8	03/09/2010 10:45	03/10/2010	Aqueous	SW7470	/ TAL					M1
J0398-03C	SMS-MW-8	03/09/2010 10:45	03/10/2010	Aqueous	SW8270_W	/					N4
J0398-04A	SMS-MW-1	03/09/2010 11:35	03/10/2010	Aqueous	SW8260_W	/					VOA
J0398-04B	SMS-MW-1	03/09/2010 11:35	03/10/2010	Aqueous	SW6010_W	/ TAL				Y	M1
J0398-04B	SMS-MW-1	03/09/2010 11:35	03/10/2010	Aqueous	SW7470	/ TAL					M1
J0398-04C	SMS-MW-1	03/09/2010 11:35	03/10/2010	Aqueous	SW8270_W	/					N4
J0398-05A	SMS-MW-2	03/09/2010 12:12	03/10/2010	Aqueous	SW8260_W	/					VOA
J0398-05B	SMS-MW-2	03/09/2010 12:12	03/10/2010	Aqueous	SW6010_W	/ TAL				Y	M1
J0398-05B	SMS-MW-2	03/09/2010 12:12	03/10/2010	Aqueous	SW7470	/ TAL					M1

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

0005

WorkOrder: J0398

04/13/2010 13:52

Mitkem Laboratories

Client ID: EARTH_NJ

Project: SMS Instruments, 152026

WO Name: SMS Instruments, 152026

Location: SMS,

Comments: N/A

Case:

SDG:

PO: D003821-41

HC Due: 04/02/10

Fax Due: 03/26/10

Fax Report:

Report Level: ASP-B

Special Program:

EDD: CLF

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
J0398-05C	SMS-MW-2	03/09/2010 12:12	03/10/2010	Aqueous	SW8270_W	/					N4
J0398-06A	SMS-MW-3	03/09/2010 13:13	03/10/2010	Aqueous	SW8260_W	/					VOA
J0398-06B	SMS-MW-3	03/09/2010 13:13	03/10/2010	Aqueous	SW6010_W	/TAL				Y	M1
J0398-06B	SMS-MW-3	03/09/2010 13:13	03/10/2010	Aqueous	SW7470	/TAL					M1
J0398-06C	SMS-MW-3	03/09/2010 13:13	03/10/2010	Aqueous	SW8270_W	/					N4
J0398-07A	TB-1	03/09/2010 00:00	03/10/2010	Aqueous	SW8260_W	/					VOA
J0398-08A	SMS-MW-7	03/10/2010 08:50	03/10/2010	Aqueous	SW8260_W	/					VOA
J0398-08B	SMS-MW-7	03/10/2010 08:50	03/10/2010	Aqueous	SW6010_W	/TAL				Y	M1
J0398-08B	SMS-MW-7	03/10/2010 08:50	03/10/2010	Aqueous	SW7470	/TAL					M1
J0398-08C	SMS-MW-7	03/10/2010 08:50	03/10/2010	Aqueous	SW8270_W	/					N3
J0398-09A	SMS-MW-6	03/10/2010 10:10	03/10/2010	Aqueous	SW8260_W	/					VOA
J0398-09B	SMS-MW-6	03/10/2010 10:10	03/10/2010	Aqueous	SW6010_W	/TAL				Y	M1
J0398-09B	SMS-MW-6	03/10/2010 10:10	03/10/2010	Aqueous	SW7470	/TAL					M1
J0398-09C	SMS-MW-6	03/10/2010 10:10	03/10/2010	Aqueous	SW8270_W	/					N3
J0398-10A	SMS-MW-6D	03/10/2010 11:25	03/10/2010	Aqueous	SW8260_W	/					VOA
J0398-10B	SMS-MW-6D	03/10/2010 11:25	03/10/2010	Aqueous	SW6010_W	/TAL				Y	M1
J0398-10B	SMS-MW-6D	03/10/2010 11:25	03/10/2010	Aqueous	SW7470	/TAL					M1
J0398-10C	SMS-MW-6D	03/10/2010 11:25	03/10/2010	Aqueous	SW8270_W	/					N3
J0398-11A	SMS-MW-5	03/10/2010 13:13	03/10/2010	Aqueous	SW8260_W	/					VOA

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

0006

WorkOrder: J0398

04/13/2010 13:52

Mitkem Laboratories

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

Case: HC Due: 04/02/10 Report Level: ASP-B
 SDG: Fax Due: 03/26/10 Special Program:
 PO: D003821-41
 Fax Report: EDD: CLF

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
J0398-11B	SMS-MW-5	03/10/2010 13:13	03/10/2010	Aqueous	SW6010_W	/ TAL				Y	M1
J0398-11B	SMS-MW-5	03/10/2010 13:13	03/10/2010	Aqueous	SW7470	/ TAL					M1
J0398-11C	SMS-MW-5	03/10/2010 13:13	03/10/2010	Aqueous	SW8270_W	/					N3
J0398-12A	SMS-MW-17	03/10/2010 14:44	03/10/2010	Aqueous	SW8260_W	/					VOA
J0398-12B	SMS-MW-17	03/10/2010 14:44	03/10/2010	Aqueous	SW6010_W	/ TAL				Y	M1
J0398-12B	SMS-MW-17	03/10/2010 14:44	03/10/2010	Aqueous	SW7470	/ TAL					M1
J0398-12C	SMS-MW-17	03/10/2010 14:44	03/10/2010	Aqueous	SW8270_W	/					N3
J0398-13A	TB-02	03/10/2010 00:00	03/10/2010	Aqueous	SW8260_W	/					VOA
J0398-14A	SMS-MW-4	03/11/2010 09:40	03/12/2010	Aqueous	SW8260_W	/					VOA
J0398-14B	SMS-MW-4	03/11/2010 09:40	03/12/2010	Aqueous	SW6010_W	/ TAL				Y	M1
J0398-14B	SMS-MW-4	03/11/2010 09:40	03/12/2010	Aqueous	SW7470	/ TAL					M1
J0398-14C	SMS-MW-4	03/11/2010 09:40	03/12/2010	Aqueous	SW8270_W	/					N3
J0398-15A	SMS-MW-15	03/11/2010 11:00	03/12/2010	Aqueous	SW8260_W	/					VOA
J0398-15B	SMS-MW-15	03/11/2010 11:00	03/12/2010	Aqueous	SW6010_W	/ TAL				Y	M1
J0398-15B	SMS-MW-15	03/11/2010 11:00	03/12/2010	Aqueous	SW7470	/ TAL					M1
J0398-15C	SMS-MW-15	03/11/2010 11:00	03/12/2010	Aqueous	SW8270_W	/					N3
J0398-16A	SMS-MW-16S	03/11/2010 11:50	03/12/2010	Aqueous	SW8260_W	/					VOA
J0398-16B	SMS-MW-16S	03/11/2010 11:50	03/12/2010	Aqueous	SW6010_W	/ TAL				Y	M1
J0398-16B	SMS-MW-16S	03/11/2010 11:50	03/12/2010	Aqueous	SW7470	/ TAL					M1

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

WorkOrder: J0398

04/13/2010 13:52

Mitekem Laboratories

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

Case: HC Due: 04/02/10 Report Level: ASP-B
 SDG: Fax Due: 03/26/10 Special Program:
 Fax Report: EDD: CLF
 PO: D003821-41

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
J0398-16C	SMS-MW-16S	03/11/2010 11:50	03/12/2010	Aqueous	SW8270_W	/					N3
J0398-17A	SMS-MW-16D	03/11/2010 13:50	03/12/2010	Aqueous	SW8260_W	/					VOA
J0398-17B	SMS-MW-16D	03/11/2010 13:50	03/12/2010	Aqueous	SW6010_W	/ TAL				Y	M1
J0398-17B	SMS-MW-16D	03/11/2010 13:50	03/12/2010	Aqueous	SW7470	/ TAL					M1
J0398-17C	SMS-MW-16D	03/11/2010 13:50	03/12/2010	Aqueous	SW8270_W	/					N3
J0398-18A	SMS-MW-16M	03/11/2010 14:44	03/12/2010	Aqueous	SW8260_W	/					VOA
J0398-18B	SMS-MW-16M	03/11/2010 14:44	03/12/2010	Aqueous	SW6010_W	/ TAL				Y	M1
J0398-18B	SMS-MW-16M	03/11/2010 14:44	03/12/2010	Aqueous	SW7470	/ TAL					M1
J0398-18C	SMS-MW-16M	03/11/2010 14:44	03/12/2010	Aqueous	SW8270_W	/					N3
J0398-19A	SMS-MW-13D	03/11/2010 16:10	03/12/2010	Aqueous	SW8260_W	/			Y		VOA
J0398-19B	SMS-MW-13D	03/11/2010 16:10	03/12/2010	Aqueous	SW6010_W	/ TAL			Y	Y	M1
J0398-19B	SMS-MW-13D	03/11/2010 16:10	03/12/2010	Aqueous	SW7470	/ TAL			Y	Y	M1
J0398-19C	SMS-MW-13D	03/11/2010 16:10	03/12/2010	Aqueous	SW8270_W	/			Y		N3
J0398-20A	TB-3	03/11/2010 00:00	03/12/2010	Aqueous	SW8260_W	/					VOA

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HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-9

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-01A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1916.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-9

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-01A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIL1916.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
127-18-4	Tetrachloroethene		5.0	U
591-78-6	2-Hexanone		5.0	U
124-48-1	Dibromochloromethane		5.0	U
106-93-4	1,2-Dibromoethane		5.0	U
108-90-7	Chlorobenzene		5.0	U
630-20-6	1,1,1,2-Tetrachloroethane		5.0	U
100-41-4	Ethylbenzene		5.0	U
1330-20-7	m,p-Xylene		5.0	U
95-47-6	o-Xylene		5.0	U
1330-20-7	Xylene (Total)		5.0	U
100-42-5	Styrene		5.0	U
75-25-2	Bromoform		5.0	U
98-82-8	Isopropylbenzene		5.0	U
79-34-5	1,1,2,2-Tetrachloroethane		5.0	U
108-86-1	Bromobenzene		5.0	U
96-18-4	1,2,3-Trichloropropane		5.0	U
103-65-1	n-Propylbenzene		5.0	U
95-49-8	2-Chlorotoluene		5.0	U
108-67-8	1,3,5-Trimethylbenzene		5.0	U
106-43-4	4-Chlorotoluene		5.0	U
98-06-6	tert-Butylbenzene		5.0	U
95-63-6	1,2,4-Trimethylbenzene		5.0	U
135-98-8	sec-Butylbenzene		5.0	U
99-87-6	4-Isopropyltoluene		5.0	U
541-73-1	1,3-Dichlorobenzene		5.0	U
106-46-7	1,4-Dichlorobenzene		1.3	J
104-51-8	n-Butylbenzene		5.0	U
95-50-1	1,2-Dichlorobenzene		5.0	U
96-12-8	1,2-Dibromo-3-chloropropane		5.0	U
120-82-1	1,2,4-Trichlorobenzene		5.0	U
87-68-3	Hexachlorobutadiene		5.0	U
87-61-6	1,2,3-Trichlorobenzene		5.0	U
91-20-3	Naphthalene		5.0	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-59

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-02A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1917.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-59

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-02A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1917.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-8

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-03A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1918.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-8

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-03A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1918.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-1

Lab Name: MITKEM LABORATORIES Contract: _____

Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-04A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1919.D

Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010

% Moisture: not dec. Date Analyzed: 03/19/2010

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

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		5.0	U
74-87-3	Chloromethane		3.3	J
75-01-4	Vinyl chloride		5.0	U
74-83-9	Bromomethane		5.0	U
75-00-3	Chloroethane		5.0	U
75-69-4	Trichlorofluoromethane		5.0	U
75-35-4	1,1-Dichloroethene		5.0	U
67-64-1	Acetone		5.0	U
74-88-4	Iodomethane		5.0	U
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		5.0	U
156-60-5	trans-1,2-Dichloroethene		5.0	U
1634-04-4	Methyl tert-butyl ether		5.0	U
75-34-3	1,1-Dichloroethane		5.0	U
108-05-4	Vinyl acetate		5.0	U
78-93-3	2-Butanone		5.0	U
156-59-2	cis-1,2-Dichloroethene		5.0	U
594-20-7	2,2-Dichloropropane		5.0	U
74-97-5	Bromochloromethane		5.0	U
67-66-3	Chloroform		5.0	U
71-55-6	1,1,1-Trichloroethane		5.0	U
563-58-6	1,1-Dichloropropene		5.0	U
56-23-5	Carbon tetrachloride		5.0	U
107-06-2	1,2-Dichloroethane		5.0	U
71-43-2	Benzene		5.0	U
79-01-6	Trichloroethene		5.0	U
78-87-5	1,2-Dichloropropane		5.0	U
74-95-3	Dibromomethane		5.0	U
75-27-4	Bromodichloromethane		5.0	U
10061-01-5	cis-1,3-Dichloropropene		5.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		5.0	U
10061-02-6	trans-1,3-Dichloropropene		5.0	U
79-00-5	1,1,2-Trichloroethane		5.0	U
142-28-9	1,3-Dichloropropane		5.0	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-1

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-04A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1919.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SMS-MW-2

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-05A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1920.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-2

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-05A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1920.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-3

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-06A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1921.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		5.0	U
74-87-3	Chloromethane		4.2	J
75-01-4	Vinyl chloride		5.0	U
74-83-9	Bromomethane		5.0	U
75-00-3	Chloroethane		5.0	U
75-69-4	Trichlorofluoromethane		5.0	U
75-35-4	1,1-Dichloroethene		5.0	U
67-64-1	Acetone		5.0	U
74-88-4	Iodomethane		5.0	U
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		5.0	U
156-60-5	trans-1,2-Dichloroethene		5.0	U
1634-04-4	Methyl tert-butyl ether		5.0	U
75-34-3	1,1-Dichloroethane		5.0	U
108-05-4	Vinyl acetate		5.0	U
78-93-3	2-Butanone		5.0	U
156-59-2	cis-1,2-Dichloroethene		5.0	U
594-20-7	2,2-Dichloropropane		5.0	U
74-97-5	Bromochloromethane		5.0	U
67-66-3	Chloroform		5.0	U
71-55-6	1,1,1-Trichloroethane		5.0	U
563-58-6	1,1-Dichloropropene		5.0	U
56-23-5	Carbon tetrachloride		5.0	U
107-06-2	1,2-Dichloroethane		5.0	U
71-43-2	Benzene		5.0	U
79-01-6	Trichloroethene		5.0	U
78-87-5	1,2-Dichloropropane		5.0	U
74-95-3	Dibromomethane		5.0	U
75-27-4	Bromodichloromethane		5.0	U
10061-01-5	cis-1,3-Dichloropropene		5.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		5.0	U
10061-02-6	trans-1,3-Dichloropropene		5.0	U
79-00-5	1,1,2-Trichloroethane		5.0	U
142-28-9	1,3-Dichloropropane		5.0	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SMS-MW-3

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-06A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1921.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-1

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-07A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1914.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		5.0	U
74-87-3	Chloromethane		5.0	U
75-01-4	Vinyl chloride		5.0	U
74-83-9	Bromomethane		5.0	U
75-00-3	Chloroethane		5.0	U
75-69-4	Trichlorofluoromethane		5.0	U
75-35-4	1,1-Dichloroethene		5.0	U
67-64-1	Acetone		5.0	U
74-88-4	Iodomethane		5.0	U
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		5.0	U
156-60-5	trans-1,2-Dichloroethene		5.0	U
1634-04-4	Methyl tert-butyl ether		5.0	U
75-34-3	1,1-Dichloroethane		5.0	U
108-05-4	Vinyl acetate		5.0	U
78-93-3	2-Butanone		5.0	U
156-59-2	cis-1,2-Dichloroethene		5.0	U
594-20-7	2,2-Dichloropropane		5.0	U
74-97-5	Bromochloromethane		5.0	U
67-66-3	Chloroform		5.0	U
71-55-6	1,1,1-Trichloroethane		5.0	U
563-58-6	1,1-Dichloropropene		5.0	U
56-23-5	Carbon tetrachloride		5.0	U
107-06-2	1,2-Dichloroethane		5.0	U
71-43-2	Benzene		5.0	U
79-01-6	Trichloroethene		5.0	U
78-87-5	1,2-Dichloropropane		5.0	U
74-95-3	Dibromomethane		5.0	U
75-27-4	Bromodichloromethane		5.0	U
10061-01-5	cis-1,3-Dichloropropene		5.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		1.1	J
10061-02-6	trans-1,3-Dichloropropene		5.0	U
79-00-5	1,1,2-Trichloroethane		5.0	U
142-28-9	1,3-Dichloropropane		5.0	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-1

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-07A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIL1914.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SMS-MW-7

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-08A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L5037.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/23/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-7

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-08A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L5037.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/23/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-6

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-09A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L5038.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/23/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		5.0	U
74-87-3	Chloromethane		5.1	
75-01-4	Vinyl chloride		5.0	U
74-83-9	Bromomethane		5.0	U
75-00-3	Chloroethane		5.0	U
75-69-4	Trichlorofluoromethane		5.0	U
75-35-4	1,1-Dichloroethene		5.0	U
67-64-1	Acetone		5.0	U
74-88-4	Iodomethane		5.0	U
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		5.0	U
156-60-5	trans-1,2-Dichloroethene		5.0	U
1634-04-4	Methyl tert-butyl ether		5.0	U
75-34-3	1,1-Dichloroethane		5.0	U
108-05-4	Vinyl acetate		5.0	U
78-93-3	2-Butanone		5.0	U
156-59-2	cis-1,2-Dichloroethene		5.0	U
594-20-7	2,2-Dichloropropane		5.0	U
74-97-5	Bromochloromethane		5.0	U
67-66-3	Chloroform		5.0	U
71-55-6	1,1,1-Trichloroethane		5.0	U
563-58-6	1,1-Dichloropropene		5.0	U
56-23-5	Carbon tetrachloride		5.0	U
107-06-2	1,2-Dichloroethane		5.0	U
71-43-2	Benzene		5.0	U
79-01-6	Trichloroethene		5.0	U
78-87-5	1,2-Dichloropropane		5.0	U
74-95-3	Dibromomethane		5.0	U
75-27-4	Bromodichloromethane		5.0	U
10061-01-5	cis-1,3-Dichloropropene		5.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		5.0	U
10061-02-6	trans-1,3-Dichloropropene		5.0	U
79-00-5	1,1,2-Trichloroethane		5.0	U
142-28-9	1,3-Dichloropropane		5.0	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-6

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-09A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L5038.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/23/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-6D

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-10A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L5039.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/23/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/L	
75-71-8	Dichlorodifluoromethane		5.0	U
74-87-3	Chloromethane		5.9	U
75-01-4	Vinyl chloride		5.0	U
74-83-9	Bromomethane		5.0	U
75-00-3	Chloroethane		5.0	U
75-69-4	Trichlorofluoromethane		5.0	U
75-35-4	1,1-Dichloroethene		5.0	U
67-64-1	Acetone		5.0	U
74-88-4	Iodomethane		5.0	U
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		5.0	U
156-60-5	trans-1,2-Dichloroethene		5.0	U
1634-04-4	Methyl tert-butyl ether		5.0	U
75-34-3	1,1-Dichloroethane		5.0	U
108-05-4	Vinyl acetate		5.0	U
78-93-3	2-Butanone		5.0	U
156-59-2	cis-1,2-Dichloroethene		5.0	U
594-20-7	2,2-Dichloropropane		5.0	U
74-97-5	Bromochloromethane		5.0	U
67-66-3	Chloroform		5.0	U
71-55-6	1,1,1-Trichloroethane		5.0	U
563-58-6	1,1-Dichloropropene		5.0	U
56-23-5	Carbon tetrachloride		5.0	U
107-06-2	1,2-Dichloroethane		5.0	U
71-43-2	Benzene		5.0	U
79-01-6	Trichloroethene		5.0	U
78-87-5	1,2-Dichloropropane		5.0	U
74-95-3	Dibromomethane		5.0	U
75-27-4	Bromodichloromethane		5.0	U
10061-01-5	cis-1,3-Dichloropropene		5.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		5.0	U
10061-02-6	trans-1,3-Dichloropropene		5.0	U
79-00-5	1,1,2-Trichloroethane		5.0	U
142-28-9	1,3-Dichloropropane		5.0	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-6D

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-10A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L5039.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/23/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-5

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-11A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2065.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/24/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SMS-MW-5

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-11A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIL2065.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/24/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-17

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-12A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2066.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/24/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		5.0	U
74-87-3	Chloromethane		3.2	J
75-01-4	Vinyl chloride		5.0	U
74-83-9	Bromomethane		5.0	U
75-00-3	Chloroethane		5.0	U
75-69-4	Trichlorofluoromethane		5.0	U
75-35-4	1,1-Dichloroethene		5.0	U
67-64-1	Acetone		5.0	U
74-88-4	Iodomethane		5.0	U
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		5.0	U
156-60-5	trans-1,2-Dichloroethene		5.0	U
1634-04-4	Methyl tert-butyl ether		5.0	U
75-34-3	1,1-Dichloroethane		5.0	U
108-05-4	Vinyl acetate		5.0	U
78-93-3	2-Butanone		5.0	U
156-59-2	cis-1,2-Dichloroethene		5.0	U
594-20-7	2,2-Dichloropropane		5.0	U
74-97-5	Bromochloromethane		5.0	U
67-66-3	Chloroform		5.0	U
71-55-6	1,1,1-Trichloroethane		5.0	U
563-58-6	1,1-Dichloropropene		5.0	U
56-23-5	Carbon tetrachloride		5.0	U
107-06-2	1,2-Dichloroethane		5.0	U
71-43-2	Benzene		5.0	U
79-01-6	Trichloroethene		5.0	U
78-87-5	1,2-Dichloropropane		5.0	U
74-95-3	Dibromomethane		5.0	U
75-27-4	Bromodichloromethane		5.0	U
10061-01-5	cis-1,3-Dichloropropene		5.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		1.2	J
10061-02-6	trans-1,3-Dichloropropene		5.0	U
79-00-5	1,1,2-Trichloroethane		5.0	U
142-28-9	1,3-Dichloropropane		5.0	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SMS-MW-17

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-12A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2066.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/24/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-02

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-13A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L5034.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/23/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		5.0	U
74-87-3	Chloromethane		5.0	U
75-01-4	Vinyl chloride		5.0	U
74-83-9	Bromomethane		5.0	U
75-00-3	Chloroethane		5.0	U
75-69-4	Trichlorofluoromethane		5.0	U
75-35-4	1,1-Dichloroethene		5.0	U
67-64-1	Acetone		5.0	U
74-88-4	Iodomethane		5.0	U
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		5.0	U
156-60-5	trans-1,2-Dichloroethene		5.0	U
1634-04-4	Methyl tert-butyl ether		5.0	U
75-34-3	1,1-Dichloroethane		5.0	U
108-05-4	Vinyl acetate		5.0	U
78-93-3	2-Butanone		5.0	U
156-59-2	cis-1,2-Dichloroethene		5.0	U
594-20-7	2,2-Dichloropropane		5.0	U
74-97-5	Bromochloromethane		5.0	U
67-66-3	Chloroform		5.0	U
71-55-6	1,1,1-Trichloroethane		5.0	U
563-58-6	1,1-Dichloropropene		5.0	U
56-23-5	Carbon tetrachloride		5.0	U
107-06-2	1,2-Dichloroethane		5.0	U
71-43-2	Benzene		5.0	U
79-01-6	Trichloroethene		5.0	U
78-87-5	1,2-Dichloropropane		5.0	U
74-95-3	Dibromomethane		5.0	U
75-27-4	Bromodichloromethane		5.0	U
10061-01-5	cis-1,3-Dichloropropene		5.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		1.1	J
10061-02-6	trans-1,3-Dichloropropene		5.0	U
79-00-5	1,1,2-Trichloroethane		5.0	U
142-28-9	1,3-Dichloropropane		5.0	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-02

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-13A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L5034.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/10/2010
 % Moisture: not dec. Date Analyzed: 03/23/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-4

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-14A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1922.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-4

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-14A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1922.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-15

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-15A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1923.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		5.0	U
74-87-3	Chloromethane		4.1	J
75-01-4	Vinyl chloride		5.0	U
74-83-9	Bromomethane		5.0	U
75-00-3	Chloroethane		5.0	U
75-69-4	Trichlorofluoromethane		5.0	U
75-35-4	1,1-Dichloroethene		5.0	U
67-64-1	Acetone		5.0	U
74-88-4	Iodomethane		5.0	U
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		5.0	U
156-60-5	trans-1,2-Dichloroethene		5.0	U
1634-04-4	Methyl tert-butyl ether		5.0	U
75-34-3	1,1-Dichloroethane		5.0	U
108-05-4	Vinyl acetate		5.0	U
78-93-3	2-Butanone		5.0	U
156-59-2	cis-1,2-Dichloroethene		5.0	U
594-20-7	2,2-Dichloropropane		5.0	U
74-97-5	Bromochloromethane		5.0	U
67-66-3	Chloroform		5.0	U
71-55-6	1,1,1-Trichloroethane		5.0	U
563-58-6	1,1-Dichloropropene		5.0	U
56-23-5	Carbon tetrachloride		5.0	U
107-06-2	1,2-Dichloroethane		5.0	U
71-43-2	Benzene		5.0	U
79-01-6	Trichloroethene		5.0	U
78-87-5	1,2-Dichloropropane		5.0	U
74-95-3	Dibromomethane		5.0	U
75-27-4	Bromodichloromethane		5.0	U
10061-01-5	cis-1,3-Dichloropropene		5.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		5.0	U
10061-02-6	trans-1,3-Dichloropropene		5.0	U
79-00-5	1,1,2-Trichloroethane		5.0	U
142-28-9	1,3-Dichloropropane		5.0	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-15

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-15A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1923.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-16S

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-16A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V111947.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-16S

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-16A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1947.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-16D

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-17A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1948.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		5.0	U
74-87-3	Chloromethane		5.3	
75-01-4	Vinyl chloride		5.0	U
74-83-9	Bromomethane		5.0	U
75-00-3	Chloroethane		5.0	U
75-69-4	Trichlorofluoromethane		5.0	U
75-35-4	1,1-Dichloroethene		5.0	U
67-64-1	Acetone		5.0	U
74-88-4	Iodomethane		5.0	U
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		5.0	U
156-60-5	trans-1,2-Dichloroethene		5.0	U
1634-04-4	Methyl tert-butyl ether		5.0	U
75-34-3	1,1-Dichloroethane		5.0	U
108-05-4	Vinyl acetate		5.0	U
78-93-3	2-Butanone		5.0	U
156-59-2	cis-1,2-Dichloroethene		5.0	U
594-20-7	2,2-Dichloropropane		5.0	U
74-97-5	Bromochloromethane		5.0	U
67-66-3	Chloroform		5.0	U
71-55-6	1,1,1-Trichloroethane		5.0	U
563-58-6	1,1-Dichloropropene		5.0	U
56-23-5	Carbon tetrachloride		5.0	U
107-06-2	1,2-Dichloroethane		5.0	U
71-43-2	Benzene		5.0	U
79-01-6	Trichloroethene		5.0	U
78-87-5	1,2-Dichloropropane		5.0	U
74-95-3	Dibromomethane		5.0	U
75-27-4	Bromodichloromethane		5.0	U
10061-01-5	cis-1,3-Dichloropropene		5.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		5.0	U
10061-02-6	trans-1,3-Dichloropropene		5.0	U
79-00-5	1,1,2-Trichloroethane		5.0	U
142-28-9	1,3-Dichloropropane		5.0	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-16D

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-17A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIL1948.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SMS-MW-16M

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-18A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1949.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-16M

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-18A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1949.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13D

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-19A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2096.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/25/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) μ G/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	2.9	J
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13D

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-19A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2096.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/25/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13DMS

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-19AMS
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIL2084.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/24/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		44	
74-87-3	Chloromethane		61	
75-01-4	Vinyl chloride		60	
74-83-9	Bromomethane		54	
75-00-3	Chloroethane		57	
75-69-4	Trichlorofluoromethane		52	
75-35-4	1,1-Dichloroethene		59	
67-64-1	Acetone		52	
74-88-4	Iodomethane		58	
75-15-0	Carbon disulfide		45	
75-09-2	Methylene chloride		59	
156-60-5	trans-1,2-Dichloroethene		56	
1634-04-4	Methyl tert-butyl ether		57	
75-34-3	1,1-Dichloroethane		57	
108-05-4	Vinyl acetate		37	
78-93-3	2-Butanone		51	
156-59-2	cis-1,2-Dichloroethene		58	
594-20-7	2,2-Dichloropropane		21	
74-97-5	Bromochloromethane		56	
67-66-3	Chloroform		57	
71-55-6	1,1,1-Trichloroethane		58	
563-58-6	1,1-Dichloropropene		56	
56-23-5	Carbon tetrachloride		56	
107-06-2	1,2-Dichloroethane		58	
71-43-2	Benzene		57	
79-01-6	Trichloroethene		59	
78-87-5	1,2-Dichloropropane		58	
74-95-3	Dibromomethane		57	
75-27-4	Bromodichloromethane		56	
10061-01-5	cis-1,3-Dichloropropene		46	
108-10-1	4-Methyl-2-pentanone		56	
108-88-3	Toluene		57	
10061-02-6	trans-1,3-Dichloropropene		46	
79-00-5	1,1,2-Trichloroethane		60	
142-28-9	1,3-Dichloropropane		55	

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13DMS

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-19AMS
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2084.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/24/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13DMSD

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-19AMSD
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2085.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/24/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		41	
74-87-3	Chloromethane		54	
75-01-4	Vinyl chloride		57	
74-83-9	Bromomethane		50	
75-00-3	Chloroethane		54	
75-69-4	Trichlorofluoromethane		51	
75-35-4	1,1-Dichloroethene		54	
67-64-1	Acetone		55	
74-88-4	Iodomethane		53	
75-15-0	Carbon disulfide		44	
75-09-2	Methylene chloride		55	
156-60-5	trans-1,2-Dichloroethene		54	
1634-04-4	Methyl tert-butyl ether		55	
75-34-3	1,1-Dichloroethane		52	
108-05-4	Vinyl acetate		34	
78-93-3	2-Butanone		48	
156-59-2	cis-1,2-Dichloroethene		55	
594-20-7	2,2-Dichloropropane		19	
74-97-5	Bromochloromethane		54	
67-66-3	Chloroform		54	
71-55-6	1,1,1-Trichloroethane		55	
563-58-6	1,1-Dichloropropene		54	
56-23-5	Carbon tetrachloride		53	
107-06-2	1,2-Dichloroethane		55	
71-43-2	Benzene		54	
79-01-6	Trichloroethene		57	
78-87-5	1,2-Dichloropropane		55	
74-95-3	Dibromomethane		55	
75-27-4	Bromodichloromethane		52	
10061-01-5	cis-1,3-Dichloropropene		45	
108-10-1	4-Methyl-2-pentanone		54	
108-88-3	Toluene		54	
10061-02-6	trans-1,3-Dichloropropene		42	
79-00-5	1,1,2-Trichloroethane		54	
142-28-9	1,3-Dichloropropane		54	

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13DMSD

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-19AMSD
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2085.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/24/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
127-18-4	Tetrachloroethene		56	
591-78-6	2-Hexanone		50	
124-48-1	Dibromochloromethane		51	
106-93-4	1,2-Dibromoethane		54	
108-90-7	Chlorobenzene		55	
630-20-6	1,1,1,2-Tetrachloroethane		55	
100-41-4	Ethylbenzene		53	
1330-20-7	m,p-Xylene		110	
95-47-6	o-Xylene		54	
1330-20-7	Xylene (Total)		160	
100-42-5	Styrene		54	
75-25-2	Bromoform		46	
98-82-8	Isopropylbenzene		54	
79-34-5	1,1,2,2-Tetrachloroethane		54	
108-86-1	Bromobenzene		58	
96-18-4	1,2,3-Trichloropropane		47	
103-65-1	n-Propylbenzene		55	
95-49-8	2-Chlorotoluene		56	
108-67-8	1,3,5-Trimethylbenzene		54	
106-43-4	4-Chlorotoluene		53	
98-06-6	tert-Butylbenzene		54	
95-63-6	1,2,4-Trimethylbenzene		53	
135-98-8	sec-Butylbenzene		52	
99-87-6	4-Isopropyltoluene		53	
541-73-1	1,3-Dichlorobenzene		53	
106-46-7	1,4-Dichlorobenzene		52	
104-51-8	n-Butylbenzene		50	
95-50-1	1,2-Dichlorobenzene		54	
96-12-8	1,2-Dibromo-3-chloropropane		48	
120-82-1	1,2,4-Trichlorobenzene		53	
87-68-3	Hexachlorobutadiene		49	
87-61-6	1,2,3-Trichlorobenzene		54	
91-20-3	Naphthalene		54	

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-3

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-20A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1915.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-3

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-20A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1915.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/12/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCS-49928

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49928
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIL1910.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/18/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCS-49928

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49928
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V111910.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/18/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
127-18-4	Tetrachloroethene		55	
591-78-6	2-Hexanone		50	
124-48-1	Dibromochloromethane		53	
106-93-4	1,2-Dibromoethane		52	
108-90-7	Chlorobenzene		54	
630-20-6	1,1,1,2-Tetrachloroethane		52	
100-41-4	Ethylbenzene		54	
1330-20-7	m,p-Xylene	110		B
95-47-6	o-Xylene		53	
1330-20-7	Xylene (Total)	160		B
100-42-5	Styrene		53	
75-25-2	Bromoform		50	
98-82-8	Isopropylbenzene		52	
79-34-5	1,1,2,2-Tetrachloroethane		50	
108-86-1	Bromobenzene		52	
96-18-4	1,2,3-Trichloropropane		48	
103-65-1	n-Propylbenzene		52	
95-49-8	2-Chlorotoluene		52	
108-67-8	1,3,5-Trimethylbenzene		52	
106-43-4	4-Chlorotoluene		52	
98-06-6	tert-Butylbenzene		52	
95-63-6	1,2,4-Trimethylbenzene		52	
135-98-8	sec-Butylbenzene		52	
99-87-6	4-Isopropyltoluene		53	
541-73-1	1,3-Dichlorobenzene		52	
106-46-7	1,4-Dichlorobenzene		52	
104-51-8	n-Butylbenzene		54	
95-50-1	1,2-Dichlorobenzene		52	
96-12-8	1,2-Dibromo-3-chloropropane		49	
120-82-1	1,2,4-Trichlorobenzene		54	
87-68-3	Hexachlorobutadiene		49	
87-61-6	1,2,3-Trichlorobenzene		53	
91-20-3	Naphthalene		50	

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCSD-49928

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-49928
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1911.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/18/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCSD-49928

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-49928
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1911.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/18/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49950

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49950
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIL1932.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		51	
74-87-3	Chloromethane		47	
75-01-4	Vinyl chloride		53	
74-83-9	Bromomethane		50	
75-00-3	Chloroethane		50	
75-69-4	Trichlorofluoromethane		52	
75-35-4	1,1-Dichloroethene		51	
67-64-1	Acetone		41	
74-88-4	Iodomethane		52	
75-15-0	Carbon disulfide		50	
75-09-2	Methylene chloride		53	
156-60-5	trans-1,2-Dichloroethene		52	
1634-04-4	Methyl tert-butyl ether		50	
75-34-3	1,1-Dichloroethane		51	
108-05-4	Vinyl acetate		51	
78-93-3	2-Butanone		46	
156-59-2	cis-1,2-Dichloroethene		52	
594-20-7	2,2-Dichloropropane		54	
74-97-5	Bromochloromethane		52	
67-66-3	Chloroform		51	
71-55-6	1,1,1-Trichloroethane		52	
563-58-6	1,1-Dichloropropene		54	
56-23-5	Carbon tetrachloride		52	
107-06-2	1,2-Dichloroethane		52	
71-43-2	Benzene		51	
79-01-6	Trichloroethene		53	
78-87-5	1,2-Dichloropropane		53	
74-95-3	Dibromomethane		52	
75-27-4	Bromodichloromethane		51	
10061-01-5	cis-1,3-Dichloropropene		50	
108-10-1	4-Methyl-2-pentanone		50	
108-88-3	Toluene		53	
10061-02-6	trans-1,3-Dichloropropene		51	
79-00-5	1,1,2-Trichloroethane		52	
142-28-9	1,3-Dichloropropane		50	

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCS-49950

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49950
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1932.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-50047

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-50047
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L5031.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/23/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		56	
74-87-3	Chloromethane		62	
75-01-4	Vinyl chloride		64	
74-83-9	Bromomethane		67	
75-00-3	Chloroethane		65	
75-69-4	Trichlorofluoromethane		57	
75-35-4	1,1-Dichloroethene		56	
67-64-1	Acetone		37	
74-88-4	Iodomethane		55	
75-15-0	Carbon disulfide		58	
75-09-2	Methylene chloride		55	
156-60-5	trans-1,2-Dichloroethene		58	
1634-04-4	Methyl tert-butyl ether		61	
75-34-3	1,1-Dichloroethane		60	
108-05-4	Vinyl acetate		62	
78-93-3	2-Butanone		46	
156-59-2	cis-1,2-Dichloroethene		57	
594-20-7	2,2-Dichloropropane		59	
74-97-5	Bromochloromethane		54	
67-66-3	Chloroform		58	
71-55-6	1,1,1-Trichloroethane		59	
563-58-6	1,1-Dichloropropene		57	
56-23-5	Carbon tetrachloride		59	
107-06-2	1,2-Dichloroethane		60	
71-43-2	Benzene		58	
79-01-6	Trichloroethene		55	
78-87-5	1,2-Dichloropropane		58	
74-95-3	Dibromomethane		55	
75-27-4	Bromodichloromethane		57	
10061-01-5	cis-1,3-Dichloropropene		57	
108-10-1	4-Methyl-2-pentanone		59	
108-88-3	Toluene		55	
10061-02-6	trans-1,3-Dichloropropene		57	
79-00-5	1,1,2-Trichloroethane		54	
142-28-9	1,3-Dichloropropane		56	

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-50047

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-50047
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L5031.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/23/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
127-18-4	Tetrachloroethene		55	
591-78-6	2-Hexanone		56	
124-48-1	Dibromochloromethane		55	
106-93-4	1,2-Dibromoethane		55	
108-90-7	Chlorobenzene		54	
630-20-6	1,1,1,2-Tetrachloroethane		54	
100-41-4	Ethylbenzene		55	
1330-20-7	m,p-Xylene		110	
95-47-6	o-Xylene		54	
1330-20-7	Xylene (Total)		160	
100-42-5	Styrene		56	
75-25-2	Bromoform		54	
98-82-8	Isopropylbenzene		55	
79-34-5	1,1,2,2-Tetrachloroethane		56	
108-86-1	Bromobenzene		55	
96-18-4	1,2,3-Trichloropropane		55	
103-65-1	n-Propylbenzene		56	
95-49-8	2-Chlorotoluene		55	
108-67-8	1,3,5-Trimethylbenzene		57	
106-43-4	4-Chlorotoluene		56	
98-06-6	tert-Butylbenzene		55	
95-63-6	1,2,4-Trimethylbenzene		56	
135-98-8	sec-Butylbenzene		56	
99-87-6	4-Isopropyltoluene		56	
541-73-1	1,3-Dichlorobenzene		54	
106-46-7	1,4-Dichlorobenzene		54	
104-51-8	n-Butylbenzene		57	
95-50-1	1,2-Dichlorobenzene		52	
96-12-8	1,2-Dibromo-3-chloropropane		53	
120-82-1	1,2,4-Trichlorobenzene		51	
87-68-3	Hexachlorobutadiene		53	
87-61-6	1,2,3-Trichlorobenzene		52	
91-20-3	Naphthalene		52	

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-50061

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-50061
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2062.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/24/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCS-50061

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-50061
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2062.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/24/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
127-18-4	Tetrachloroethene		53	
591-78-6	2-Hexanone		59	
124-48-1	Dibromochloromethane		47	
106-93-4	1,2-Dibromoethane		50	
108-90-7	Chlorobenzene		52	
630-20-6	1,1,1,2-Tetrachloroethane		51	
100-41-4	Ethylbenzene		52	
1330-20-7	m,p-Xylene		100	
95-47-6	o-Xylene		50	
1330-20-7	Xylene (Total)		150	
100-42-5	Styrene		52	
75-25-2	Bromoform		43	
98-82-8	Isopropylbenzene		50	
79-34-5	1,1,2,2-Tetrachloroethane		51	
108-86-1	Bromobenzene		53	
96-18-4	1,2,3-Trichloropropane		45	
103-65-1	n-Propylbenzene		52	
95-49-8	2-Chlorotoluene		51	
108-67-8	1,3,5-Trimethylbenzene		52	
106-43-4	4-Chlorotoluene		50	
98-06-6	tert-Butylbenzene		51	
95-63-6	1,2,4-Trimethylbenzene		51	
135-98-8	sec-Butylbenzene		50	
99-87-6	4-Isopropyltoluene		51	
541-73-1	1,3-Dichlorobenzene		50	
106-46-7	1,4-Dichlorobenzene		51	
104-51-8	n-Butylbenzene		50	
95-50-1	1,2-Dichlorobenzene		50	
96-12-8	1,2-Dibromo-3-chloropropane		40	
120-82-1	1,2,4-Trichlorobenzene		51	
87-68-3	Hexachlorobutadiene		49	
87-61-6	1,2,3-Trichlorobenzene		49	
91-20-3	Naphthalene		49	

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCS-50103

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-50103
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2092.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/25/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-50103

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-50103
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2092.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/25/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
127-18-4	Tetrachloroethene		55	
591-78-6	2-Hexanone		55	
124-48-1	Dibromochloromethane		50	
106-93-4	1,2-Dibromoethane		52	
108-90-7	Chlorobenzene		53	
630-20-6	1,1,1,2-Tetrachloroethane		51	
100-41-4	Ethylbenzene		53	
1330-20-7	m,p-Xylene		110	
95-47-6	o-Xylene		53	
1330-20-7	Xylene (Total)		160	
100-42-5	Styrene		53	
75-25-2	Bromoform		47	
98-82-8	Isopropylbenzene		53	
79-34-5	1,1,2,2-Tetrachloroethane		50	
108-86-1	Bromobenzene		52	
96-18-4	1,2,3-Trichloropropane		49	
103-65-1	n-Propylbenzene		53	
95-49-8	2-Chlorotoluene		52	
108-67-8	1,3,5-Trimethylbenzene		53	
106-43-4	4-Chlorotoluene		52	
98-06-6	tert-Butylbenzene		53	
95-63-6	1,2,4-Trimethylbenzene		52	
135-98-8	sec-Butylbenzene		52	
99-87-6	4-Isopropyltoluene		52	
541-73-1	1,3-Dichlorobenzene		51	
106-46-7	1,4-Dichlorobenzene		51	
104-51-8	n-Butylbenzene		51	
95-50-1	1,2-Dichlorobenzene		52	
96-12-8	1,2-Dibromo-3-chloropropane		46	
120-82-1	1,2,4-Trichlorobenzene		53	
87-68-3	Hexachlorobutadiene		49	
87-61-6	1,2,3-Trichlorobenzene		52	
91-20-3	Naphthalene		50	

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-9

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-01C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3441.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-9

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-01C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3441.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-59

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-02C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3442.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SMS-MW-59

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-02C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3442.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-8

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-03C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3443.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µg/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-8

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-03C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3443.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-1

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-04C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3444.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-1

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-04C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3444.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-2

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-05C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3445.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-2

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-05C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3445.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-3

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-06C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3446.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-3

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-06C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3446.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-7

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-08C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3447.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-7

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-08C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3447.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-6

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-09C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3448.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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		1.3	J
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-6

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-09C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3448.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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		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		2.6	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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-6D

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-10C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3449.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-6D

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-10C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3449.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-5

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-11C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3450.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-5

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-11C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3450.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-17

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-12C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3451.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-17

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-12C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3451.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/10/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-4

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-14C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2629.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-4

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-14C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2629.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMS-MW-15

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-15C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2630.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-15

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-15C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2630.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-16S

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-16C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2631.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-16S

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-16C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2631.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-16D

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-17C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2632.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SMS-MW-16D

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-17C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2632.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-16M

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-18C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2633.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-16M

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-18C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2633.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13D

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-19C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2634.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13D

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-19C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2634.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13DMS

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-19CMS
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2635.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
108-95-2	Phenol		35	
111-44-4	Bis(2-chloroethyl) ether		35	
95-57-8	2-Chlorophenol		38	
541-73-1	1,3-Dichlorobenzene		33	
106-46-7	1,4-Dichlorobenzene		37	
95-50-1	1,2-Dichlorobenzene		37	
95-48-7	2-Methylphenol		47	
108-60-1	2,2'-oxybis(1-Chloropropane)		38	
106-44-5	4-Methylphenol		49	
621-64-7	N-Nitroso-di-n-propylamine		47	
67-72-1	Hexachloroethane		34	
98-95-3	Nitrobenzene		44	
78-59-1	Isophorone		38	
88-75-5	2-Nitrophenol		37	
105-67-9	2,4-Dimethylphenol		50	
120-83-2	2,4-Dichlorophenol		45	
120-82-1	1,2,4-Trichlorobenzene		42	
91-20-3	Naphthalene		44	
106-47-8	4-Chloroaniline		11	
111-91-1	Bis(2-chloroethoxy)methane		33	
87-68-3	Hexachlorobutadiene		44	
59-50-7	4-Chloro-3-methylphenol		45	
91-57-6	2-Methylnaphthalene		44	
77-47-4	Hexachlorocyclopentadiene		21	
88-06-2	2,4,6-Trichlorophenol		41	
95-95-4	2,4,5-Trichlorophenol		51	
91-58-7	2-Chloronaphthalene		47	
88-74-4	2-Nitroaniline		42	
131-11-3	Dimethylphthalate		49	
208-96-8	Acenaphthylene		37	
606-20-2	2,6-Dinitrotoluene		46	
99-09-2	3-Nitroaniline		18	J
83-32-9	Acenaphthene		40	
51-28-5	2,4-Dinitrophenol		50	
100-02-7	4-Nitrophenol		35	
132-64-9	Dibenzofuran		49	

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13DMS

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-19CMS
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2635.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
121-14-2	2,4-Dinitrotoluene		47	
84-66-2	Diethylphthalate		40	
7005-72-3	4-Chlorophenyl-phenylether		51	
86-73-7	Fluorene		40	
100-01-6	4-Nitroaniline		18	J
534-52-1	4,6-Dinitro-2-methylphenol		46	
86-30-6	N-Nitrosodiphenylamine		32	
101-55-3	4-Bromophenyl-phenylether		52	
118-74-1	Hexachlorobenzene		55	
87-86-5	Pentachlorophenol		49	
85-01-8	Phenanthrene		51	
120-12-7	Anthracene		42	
86-74-8	Carbazole		37	
84-74-2	Di-n-butylphthalate		40	
206-44-0	Fluoranthene		40	
129-00-0	Pyrene		52	
85-68-7	Butylbenzylphthalate		35	
91-94-1	3,3'-Dichlorobenzidine		10	U
56-55-3	Benzo(a)anthracene		38	
218-01-9	Chrysene		40	
117-81-7	Bis(2-ethylhexyl)phthalate		41	
117-84-0	Di-n-octylphthalate		48	
205-99-2	Benzo(b)fluoranthene		55	
207-08-9	Benzo(k)fluoranthene		48	
50-32-8	Benzo(a)pyrene		41	
193-39-5	Indeno(1,2,3-cd)pyrene		40	
53-70-3	Dibenzo(a,h)anthracene		41	
191-24-2	Benzo(g,h,i)perylene		37	

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13DMSD

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-19CMSD
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: SIG2636.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
108-95-2	Phenol		33	
111-44-4	Bis(2-chloroethyl) ether		37	
95-57-8	2-Chlorophenol		37	
541-73-1	1,3-Dichlorobenzene		32	
106-46-7	1,4-Dichlorobenzene		34	
95-50-1	1,2-Dichlorobenzene		35	
95-48-7	2-Methylphenol		43	
108-60-1	2,2'-oxybis(1-Chloropropane)		36	
106-44-5	4-Methylphenol		44	
621-64-7	N-Nitroso-di-n-propylamine		42	
67-72-1	Hexachloroethane		32	
98-95-3	Nitrobenzene		43	
78-59-1	Isophorone		39	
88-75-5	2-Nitrophenol		40	
105-67-9	2,4-Dimethylphenol		49	
120-83-2	2,4-Dichlorophenol		43	
120-82-1	1,2,4-Trichlorobenzene		45	
91-20-3	Naphthalene		45	
106-47-8	4-Chloroaniline		20	
111-91-1	Bis(2-chloroethoxy)methane		39	
87-68-3	Hexachlorobutadiene		43	
59-50-7	4-Chloro-3-methylphenol		43	
91-57-6	2-Methylnaphthalene		46	
77-47-4	Hexachlorocyclopentadiene		17	
88-06-2	2,4,6-Trichlorophenol		41	
95-95-4	2,4,5-Trichlorophenol		45	
91-58-7	2-Chloronaphthalene		45	
88-74-4	2-Nitroaniline		41	
131-11-3	Dimethylphthalate		40	
208-96-8	Acenaphthylene		37	
606-20-2	2,6-Dinitrotoluene		36	
99-09-2	3-Nitroaniline		25	
83-32-9	Acenaphthene		38	
51-28-5	2,4-Dinitrophenol		46	
100-02-7	4-Nitrophenol		29	
132-64-9	Dibenzofuran		47	

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13DMSD

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0398-19CMSD
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2636.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/12/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
121-14-2	2,4-Dinitrotoluene		49	
84-66-2	Diethylphthalate		38	
7005-72-3	4-Chlorophenyl-phenylether		48	
86-73-7	Fluorene		39	
100-01-6	4-Nitroaniline		24	
534-52-1	4,6-Dinitro-2-methylphenol		43	
86-30-6	N-Nitrosodiphenylamine		39	
101-55-3	4-Bromophenyl-phenylether		49	
118-74-1	Hexachlorobenzene		54	
87-86-5	Pentachlorophenol		38	
85-01-8	Phenanthrene		50	
120-12-7	Anthracene		40	
86-74-8	Carbazole		38	
84-74-2	Di-n-butylphthalate		36	
206-44-0	Fluoranthene		40	
129-00-0	Pyrene		48	
85-68-7	Butylbenzylphthalate		33	
91-94-1	3,3'-Dichlorobenzidine		10	U
56-55-3	Benzo(a)anthracene		35	
218-01-9	Chrysene		40	
117-81-7	Bis(2-ethylhexyl)phthalate		37	
117-84-0	Di-n-octylphthalate		40	
205-99-2	Benzo(b)fluoranthene		46	
207-08-9	Benzo(k)fluoranthene		42	
50-32-8	Benzo(a)pyrene		34	
193-39-5	Indeno(1,2,3-cd)pyrene		35	
53-70-3	Dibenzo(a,h)anthracene		36	
191-24-2	Benzo(g,h,i)perylene		34	

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49849

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49849
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3436.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
108-95-2	Phenol		36	
111-44-4	Bis(2-chloroethyl) ether		37	
95-57-8	2-Chlorophenol		38	
541-73-1	1,3-Dichlorobenzene		34	
106-46-7	1,4-Dichlorobenzene		33	
95-50-1	1,2-Dichlorobenzene		34	
95-48-7	2-Methylphenol		38	
108-60-1	2,2'-oxybis(1-Chloropropane)		35	
106-44-5	4-Methylphenol		39	
621-64-7	N-Nitroso-di-n-propylamine		37	
67-72-1	Hexachloroethane		34	
98-95-3	Nitrobenzene		39	
78-59-1	Isophorone		39	
88-75-5	2-Nitrophenol		42	
105-67-9	2,4-Dimethylphenol		43	
120-83-2	2,4-Dichlorophenol		38	
120-82-1	1,2,4-Trichlorobenzene		37	
91-20-3	Naphthalene		38	
106-47-8	4-Chloroaniline		27	
111-91-1	Bis(2-chloroethoxy)methane		40	
87-68-3	Hexachlorobutadiene		35	
59-50-7	4-Chloro-3-methylphenol		43	
91-57-6	2-Methylnaphthalene		52	
77-47-4	Hexachlorocyclopentadiene		13	
88-06-2	2,4,6-Trichlorophenol		38	
95-95-4	2,4,5-Trichlorophenol		37	
91-58-7	2-Chloronaphthalene		38	
88-74-4	2-Nitroaniline		41	
131-11-3	Dimethylphthalate		39	
208-96-8	Acenaphthylene		39	
606-20-2	2,6-Dinitrotoluene		40	
99-09-2	3-Nitroaniline		33	
83-32-9	Acenaphthene		39	
51-28-5	2,4-Dinitrophenol		47	
100-02-7	4-Nitrophenol		54	
132-64-9	Dibenzofuran		39	

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49849

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49849
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3436.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µg/L	
121-14-2	2,4-Dinitrotoluene		41	
84-66-2	Diethylphthalate		41	
7005-72-3	4-Chlorophenyl-phenylether		39	
86-73-7	Fluorene		39	
100-01-6	4-Nitroaniline		38	
534-52-1	4,6-Dinitro-2-methylphenol		44	
86-30-6	N-Nitrosodiphenylamine		38	
101-55-3	4-Bromophenyl-phenylether		40	
118-74-1	Hexachlorobenzene		39	
87-86-5	Pentachlorophenol		42	
85-01-8	Phenanthrene		41	
120-12-7	Anthracene		41	
86-74-8	Carbazole		42	
84-74-2	Di-n-butylphthalate		43	
206-44-0	Fluoranthene		42	
129-00-0	Pyrene		40	
85-68-7	Butylbenzylphthalate		41	
91-94-1	3,3'-Dichlorobenzidine		23	
56-55-3	Benzo(a)anthracene		42	
218-01-9	Chrysene		42	
117-81-7	Bis(2-ethylhexyl)phthalate		41	
117-84-0	Di-n-octylphthalate		41	
205-99-2	Benzo(b)fluoranthene		41	
207-08-9	Benzo(k)fluoranthene		39	
50-32-8	Benzo(a)pyrene		38	
193-39-5	Indeno(1,2,3-cd)pyrene		38	
53-70-3	Dibenzo(a,h)anthracene		38	
191-24-2	Benzo(g,h,i)perylene		38	

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49914

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49914
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2616.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
108-95-2	Phenol		32	
111-44-4	Bis(2-chloroethyl)ether		35	
95-57-8	2-Chlorophenol		36	
541-73-1	1,3-Dichlorobenzene		30	
106-46-7	1,4-Dichlorobenzene		32	
95-50-1	1,2-Dichlorobenzene		33	
95-48-7	2-Methylphenol		43	
108-60-1	2,2'-oxybis(1-Chloropropane)		33	
106-44-5	4-Methylphenol		45	
621-64-7	N-Nitroso-di-n-propylamine		43	
67-72-1	Hexachloroethane		31	
98-95-3	Nitrobenzene		45	
78-59-1	Isophorone		41	
88-75-5	2-Nitrophenol		39	
105-67-9	2,4-Dimethylphenol		55	
120-83-2	2,4-Dichlorophenol		46	
120-82-1	1,2,4-Trichlorobenzene		44	
91-20-3	Naphthalene		44	
106-47-8	4-Chloroaniline		27	
111-91-1	Bis(2-chloroethoxy)methane		41	
87-68-3	Hexachlorobutadiene		42	
59-50-7	4-Chloro-3-methylphenol		48	
91-57-6	2-Methylnaphthalene		46	
77-47-4	Hexachlorocyclopentadiene		31	
88-06-2	2,4,6-Trichlorophenol		45	
95-95-4	2,4,5-Trichlorophenol		45	
91-58-7	2-Chloronaphthalene		43	
88-74-4	2-Nitroaniline		41	
131-11-3	Dimethylphthalate		45	
208-96-8	Acenaphthylene		38	
606-20-2	2,6-Dinitrotoluene		42	
99-09-2	3-Nitroaniline		38	
83-32-9	Acenaphthene		40	
51-28-5	2,4-Dinitrophenol		46	
100-02-7	4-Nitrophenol		44	
132-64-9	Dibenzofuran		49	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

LCS-49914

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49914
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2616.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
121-14-2	2,4-Dinitrotoluene		42	
84-66-2	Diethylphthalate		42	
7005-72-3	4-Chlorophenyl-phenylether		49	
86-73-7	Fluorene		44	
100-01-6	4-Nitroaniline		29	
534-52-1	4,6-Dinitro-2-methylphenol		41	
86-30-6	N-Nitrosodiphenylamine		39	
101-55-3	4-Bromophenyl-phenylether		56	
118-74-1	Hexachlorobenzene		54	
87-86-5	Pentachlorophenol		43	
85-01-8	Phenanthrene		45	
120-12-7	Anthracene		49	
86-74-8	Carbazole		44	
84-74-2	Di-n-butylphthalate		41	
206-44-0	Fluoranthene		41	
129-00-0	Pyrene		48	
85-68-7	Butylbenzylphthalate		39	
91-94-1	3,3'-Dichlorobenzidine		12	
56-55-3	Benzo(a)anthracene		42	
218-01-9	Chrysene		50	
117-81-7	Bis(2-ethylhexyl)phthalate		37	
117-84-0	Di-n-octylphthalate		41	
205-99-2	Benzo(b)fluoranthene		43	
207-08-9	Benzo(k)fluoranthene		57	
50-32-8	Benzo(a)pyrene		41	
193-39-5	Indeno(1,2,3-cd)pyrene		39	
53-70-3	Dibenzo(a,h)anthracene		42	
191-24-2	Benzo(g,h,i)perylene		36	

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49849

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-49849
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3437.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
108-95-2	Phenol		40	
111-44-4	Bis(2-chloroethyl)ether		39	
95-57-8	2-Chlorophenol		41	
541-73-1	1,3-Dichlorobenzene		34	
106-46-7	1,4-Dichlorobenzene		35	
95-50-1	1,2-Dichlorobenzene		35	
95-48-7	2-Methylphenol		39	
108-60-1	2,2'-oxybis(1-Chloropropane)		37	
106-44-5	4-Methylphenol		41	
621-64-7	N-Nitroso-di-n-propylamine		39	
67-72-1	Hexachloroethane		35	
98-95-3	Nitrobenzene		40	
78-59-1	Isophorone		40	
88-75-5	2-Nitrophenol		43	
105-67-9	2,4-Dimethylphenol		44	
120-83-2	2,4-Dichlorophenol		43	
120-82-1	1,2,4-Trichlorobenzene		37	
91-20-3	Naphthalene		39	
106-47-8	4-Chloroaniline		29	
111-91-1	Bis(2-chloroethoxy)methane		41	
87-68-3	Hexachlorobutadiene		35	
59-50-7	4-Chloro-3-methylphenol		44	
91-57-6	2-Methylnaphthalene		54	
77-47-4	Hexachlorocyclopentadiene		16	
88-06-2	2,4,6-Trichlorophenol		40	
95-95-4	2,4,5-Trichlorophenol		39	
91-58-7	2-Chloronaphthalene		39	
88-74-4	2-Nitroaniline		41	
131-11-3	Dimethylphthalate		40	
208-96-8	Acenaphthylene		41	
606-20-2	2,6-Dinitrotoluene		41	
99-09-2	3-Nitroaniline		33	
83-32-9	Acenaphthene		40	
51-28-5	2,4-Dinitrophenol		47	
100-02-7	4-Nitrophenol		58	
132-64-9	Dibenzofuran		41	

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCSD-49849

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-49849
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3437.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
121-14-2	2,4-Dinitrotoluene		42	
84-66-2	Diethylphthalate		42	
7005-72-3	4-Chlorophenyl-phenylether		41	
86-73-7	Fluorene		40	
100-01-6	4-Nitroaniline		39	
534-52-1	4,6-Dinitro-2-methylphenol		44	
86-30-6	N-Nitrosodiphenylamine		39	
101-55-3	4-Bromophenyl-phenylether		40	
118-74-1	Hexachlorobenzene		39	
87-86-5	Pentachlorophenol		43	
85-01-8	Phenanthrene		42	
120-12-7	Anthracene		43	
86-74-8	Carbazole		43	
84-74-2	Di-n-butylphthalate		43	
206-44-0	Fluoranthene		42	
129-00-0	Pyrene		42	
85-68-7	Butylbenzylphthalate		41	
91-94-1	3,3'-Dichlorobenzidine		23	
56-55-3	Benzo(a)anthracene		41	
218-01-9	Chrysene		44	
117-81-7	Bis(2-ethylhexyl)phthalate		42	
117-84-0	Di-n-octylphthalate		41	
205-99-2	Benzo(b)fluoranthene		44	
207-08-9	Benzo(k)fluoranthene		39	
50-32-8	Benzo(a)pyrene		40	
193-39-5	Indeno(1,2,3-cd)pyrene		31	
53-70-3	Dibenzo(a,h)anthracene		39	
191-24-2	Benzo(g,h,i)perylene		40	

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-1

Lab Name: Mitkem Laboratories Contract: D003821-41
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0398
 Matrix (soil/water): WATER Lab Sample ID: J0398-04
 Level (low/med): MED Date Received: 03/10/2010
 % 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	604			P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	7.5	B		P
7440-39-3	Barium	85.9	B		P
7440-41-7	Beryllium	0.17	B		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	33600			P
7440-47-3	Chromium	10.5	B		P
7440-48-4	Cobalt	2.3	B		P
7440-50-8	Copper	30.8			P
7439-89-6	Iron	96300			P
7439-92-1	Lead	31.2			P
7439-95-4	Magnesium	5160			P
7439-96-5	Manganese	310			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	11.2	B		P
7440-09-7	Potassium	16700			P
7782-49-2	Selenium	17.0	B		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	35100			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	0.94	B		P
7440-66-6	Zinc	142			P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-13D

Lab Name: Mitkem Laboratories Contract: D003821-41

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0398

Matrix (soil/water): WATER Lab Sample ID: J0398-19

Level (low/med): MED Date Received: 03/12/2010

% 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	86.0	B		P
7440-36-0	Antimony	8.0	B		P
7440-38-2	Arsenic	3.1	U		P
7440-39-3	Barium	75.4	B		P
7440-41-7	Beryllium	0.064	B		P
7440-43-9	Cadmium	57.6			P
7440-70-2	Calcium	13100			P
7440-47-3	Chromium	20.0	B		P
7440-48-4	Cobalt	0.67	U		P
7440-50-8	Copper	19.5	B		P
7439-89-6	Iron	515			P
7439-92-1	Lead	4.2	B		P
7439-95-4	Magnesium	7390			P
7439-96-5	Manganese	18.5	B		P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	139			P
7440-09-7	Potassium	3470			P
7782-49-2	Selenium	15.6	B		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	26100			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	0.44	B		P
7440-66-6	Zinc	60.4			P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-15

Lab Name: Mitkem LaboratoriesContract: D003821-41Lab Code: MITKEM Case No.: _____

SAS No.: _____

SDG No.: SJ0398Matrix (soil/water): WATERLab Sample ID: J0398-15Level (low/med): MEDDate Received: 03/12/2010% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	132	B		P
7440-36-0	Antimony	5.0	B		P
7440-38-2	Arsenic	3.3	B		P
7440-39-3	Barium	42.4	B		P
7440-41-7	Beryllium	0.097	B		P
7440-43-9	Cadmium	1.4	B		P
7440-70-2	Calcium	17600			P
7440-47-3	Chromium	125			P
7440-48-4	Cobalt	7.5	B		P
7440-50-8	Copper	4.7	U		P
7439-89-6	Iron	2150			P
7439-92-1	Lead	6.9	B		P
7439-95-4	Magnesium	4030			P
7439-96-5	Manganese	457			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	59.0			P
7440-09-7	Potassium	12300			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	20600			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	1.5	B		P
7440-66-6	Zinc	23.2	B		P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-16D

Lab Name: Mitkem LaboratoriesContract: D003821-41Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: SJ0398Matrix (soil/water): WATERLab Sample ID: J0398-17Level (low/med): MEDDate Received: 03/12/2010% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200			P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	3.1	U		P
7440-39-3	Barium	44.6	B		P
7440-41-7	Beryllium	0.050	B		P
7440-43-9	Cadmium	24.9			P
7440-70-2	Calcium	19000			P
7440-47-3	Chromium	39.7			P
7440-48-4	Cobalt	0.67	U		P
7440-50-8	Copper	6.2	B		P
7439-89-6	Iron	516			P
7439-92-1	Lead	4.2	B		P
7439-95-4	Magnesium	3610			P
7439-96-5	Manganese	36.5	B		P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	8.0	B		P
7440-09-7	Potassium	5720			P
7782-49-2	Selenium	14.7	B		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	14700			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	0.66	B		P
7440-66-6	Zinc	30.5	B		P

Comments:

INORGANIC ANALYSIS DATA SHEET

SMS-MW-16M

Lab Name: Mitkem LaboratoriesContract: D003821-41Lab Code: MITKEM Case No.: _____

SAS No.: _____

SDG No.: SJ0398Matrix (soil/water): WATERLab Sample ID: J0398-18Level (low/med): MEDDate Received: 03/12/2010% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	176	B		P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	5.6	B		P
7440-39-3	Barium	83.6	B		P
7440-41-7	Beryllium	0.078	B		P
7440-43-9	Cadmium	0.84	B		P
7440-70-2	Calcium	23600			P
7440-47-3	Chromium	8.7	B		P
7440-48-4	Cobalt	2.6	B		P
7440-50-8	Copper	5.3	B		P
7439-89-6	Iron	571			P
7439-92-1	Lead	6.0	B		P
7439-95-4	Magnesium	3200			P
7439-96-5	Manganese	107			P
7439-97-6	Mercury	0.057	B		CV
7440-02-0	Nickel	5.3	B		P
7440-09-7	Potassium	8360			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	31600			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	0.76	B		P
7440-66-6	Zinc	24.3	B		P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-16S

Lab Name: Mitkem LaboratoriesContract: D003821-41Lab Code: MITKEM Case No.: _____

SAS No.: _____

SDG No.: SJ0398Matrix (soil/water): WATERLab Sample ID: J0398-16Level (low/med): MEDDate Received: 03/12/2010% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	114	B		P
7440-36-0	Antimony	4.5	B		P
7440-38-2	Arsenic	3.4	B		P
7440-39-3	Barium	36.7	B		P
7440-41-7	Beryllium	0.051	B		P
7440-43-9	Cadmium	5.1			P
7440-70-2	Calcium	29200			P
7440-47-3	Chromium	59.8			P
7440-48-4	Cobalt	4.1	B		P
7440-50-8	Copper	11.6	B		P
7439-89-6	Iron	1200			P
7439-92-1	Lead	2.1	U		P
7439-95-4	Magnesium	4970			P
7439-96-5	Manganese	443			P
7439-97-6	Mercury	0.067	B		CV
7440-02-0	Nickel	20.2	B		P
7440-09-7	Potassium	4930			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	19500			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	1.2	B		P
7440-66-6	Zinc	28.3	B		P

Comments:

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-17

Lab Name: Mitkem LaboratoriesContract: D003821-41Lab Code: MITKEM Case No.: _____

SAS No.: _____

SDG No.: SJ0398Matrix (soil/water): WATERLab Sample ID: J0398-12Level (low/med): MEDDate Received: 03/10/2010% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	530			P
7440-36-0	Antimony	11.1	B		P
7440-38-2	Arsenic	3.1	U		P
7440-39-3	Barium	69.9	B		P
7440-41-7	Beryllium	0.093	B		P
7440-43-9	Cadmium	3.1	B		P
7440-70-2	Calcium	14100			P
7440-47-3	Chromium	161			P
7440-48-4	Cobalt	8.5	B		P
7440-50-8	Copper	11.2	B		P
7439-89-6	Iron	3940			P
7439-92-1	Lead	9.5	B		P
7439-95-4	Magnesium	985			P
7439-96-5	Manganese	2640			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	14.8	B		P
7440-09-7	Potassium	2410			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	3560			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	4.9	B		P
7440-66-6	Zinc	30.2	B		P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-2

Lab Name: Mitkem Laboratories

Contract: D003821-41

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: SJ0398

Matrix (soil/water): WATER

Lab Sample ID: J0398-05

Level (low/med): MED

Date Received: 03/10/2010

% 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	2480			P
7440-36-0	Antimony	9.4	B		P
7440-38-2	Arsenic	5.9	B		P
7440-39-3	Barium	75.2	B		P
7440-41-7	Beryllium	0.34	B		P
7440-43-9	Cadmium	29.1			P
7440-70-2	Calcium	26200			P
7440-47-3	Chromium	6.8	B		P
7440-48-4	Cobalt	2.5	B		P
7440-50-8	Copper	40.6			P
7439-89-6	Iron	166000			P
7439-92-1	Lead	347			P
7439-95-4	Magnesium	6960			P
7439-96-5	Manganese	422			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	10.3	B		P
7440-09-7	Potassium	5440			P
7782-49-2	Selenium	23.4	B		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	28700			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	8.8	B		P
7440-66-6	Zinc	11800			P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-3

Lab Name: Mitkem LaboratoriesContract: D003821-41Lab Code: MITKEM Case No.: _____

SAS No.: _____

SDG No.: SJ0398Matrix (soil/water): WATERLab Sample ID: J0398-06Level (low/med): MEDDate Received: 03/10/2010% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	428			P
7440-36-0	Antimony	4.5	B		P
7440-38-2	Arsenic	6.1	B		P
7440-39-3	Barium	39.6	B		P
7440-41-7	Beryllium	0.16	B		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	29500			P
7440-47-3	Chromium	6.8	B		P
7440-48-4	Cobalt	1.9	B		P
7440-50-8	Copper	13.1	B		P
7439-89-6	Iron	43100			P
7439-92-1	Lead	4.9	B		P
7439-95-4	Magnesium	4320			P
7439-96-5	Manganese	566			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	7.4	B		P
7440-09-7	Potassium	7750			P
7782-49-2	Selenium	11.9	B		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	16700			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	1.0	B		P
7440-66-6	Zinc	62.2			P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-4

Lab Name: Mitkem Laboratories Contract: D003821-41

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0398

Matrix (soil/water): WATER Lab Sample ID: J0398-14

Level (low/med): MED Date Received: 03/12/2010

% 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	644			P
7440-36-0	Antimony	6.4	B		P
7440-38-2	Arsenic	7.8	B		P
7440-39-3	Barium	47.6	B		P
7440-41-7	Beryllium	0.14	B		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	22500			P
7440-47-3	Chromium	7.0	B		P
7440-48-4	Cobalt	0.67	B		P
7440-50-8	Copper	10.1	B		P
7439-89-6	Iron	52200			P
7439-92-1	Lead	5.0	B		P
7439-95-4	Magnesium	3210			P
7439-96-5	Manganese	216			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	1.8	B		P
7440-09-7	Potassium	2880			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	13100			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	3.4	B		P
7440-66-6	Zinc	31.4	B		P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-5

Lab Name: Mitkem Laboratories Contract: D003821-41
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0398
 Matrix (soil/water): WATER Lab Sample ID: J0398-11
 Level (low/med): MED Date Received: 03/10/2010
 % 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	289			P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	12.7	B		P
7440-39-3	Barium	95.4	B		P
7440-41-7	Beryllium	0.14	B		P
7440-43-9	Cadmium	3.4	B		P
7440-70-2	Calcium	20400			P
7440-47-3	Chromium	10.3	B		P
7440-48-4	Cobalt	5.4	B		P
7440-50-8	Copper	20.5	B		P
7439-89-6	Iron	49300			P
7439-92-1	Lead	5.5	B		P
7439-95-4	Magnesium	1790			P
7439-96-5	Manganese	760			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	7.9	B		P
7440-09-7	Potassium	2290			P
7782-49-2	Selenium	11.9	B		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	7350			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	5.1	B		P
7440-66-6	Zinc	25.6	B		P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-59

Lab Name: Mitkem LaboratoriesContract: D003821-41Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: SJ0398Matrix (soil/water): WATERLab Sample ID: J0398-02Level (low/med): MEDDate Received: 03/10/2010% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	77.8	B		P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	5.1	B		P
7440-39-3	Barium	42.4	B		P
7440-41-7	Beryllium	0.28	B		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	24200			P
7440-47-3	Chromium	18.5	B		P
7440-48-4	Cobalt	5.4	B		P
7440-50-8	Copper	36.8			P
7439-89-6	Iron	121000			P
7439-92-1	Lead	16.4			P
7439-95-4	Magnesium	3660			P
7439-96-5	Manganese	907			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	18.2	B		P
7440-09-7	Potassium	2920			P
7782-49-2	Selenium	14.8	B		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	18000			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	3.0	B		P
7440-66-6	Zinc	26.7	B		P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-6

Lab Name: Mitkem LaboratoriesContract: D003821-41Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: SJ0398Matrix (soil/water): WATERLab Sample ID: J0398-09Level (low/med): MEDDate Received: 03/10/2010% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8700			P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	17.5	B		P
7440-39-3	Barium	87.0	B		P
7440-41-7	Beryllium	3.7	B		P
7440-43-9	Cadmium	3.7	B		P
7440-70-2	Calcium	47200			P
7440-47-3	Chromium	66.5			P
7440-48-4	Cobalt	20.6	B		P
7440-50-8	Copper	84.9			P
7439-89-6	Iron	46700			P
7439-92-1	Lead	37.0			P
7439-95-4	Magnesium	8100			P
7439-96-5	Manganese	308			P
7439-97-6	Mercury	0.20			CV
7440-02-0	Nickel	23.2	B		P
7440-09-7	Potassium	2910			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	3.5	B		P
7440-23-5	Sodium	9140			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	53.3			P
7440-66-6	Zinc	487			P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-6D

Lab Name: Mitkem Laboratories Contract: D003821-41

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0398

Matrix (soil/water): WATER Lab Sample ID: J0398-10

Level (low/med): MED Date Received: 03/10/2010

% 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	931			P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	3.3	B		P
7440-39-3	Barium	25.0	B		P
7440-41-7	Beryllium	0.10	B		P
7440-43-9	Cadmium	0.86	B		P
7440-70-2	Calcium	16700			P
7440-47-3	Chromium	5.6	B		P
7440-48-4	Cobalt	7.2	B		P
7440-50-8	Copper	17.6	B		P
7439-89-6	Iron	26000			P
7439-92-1	Lead	10.0			P
7439-95-4	Magnesium	2200			P
7439-96-5	Manganese	294			P
7439-97-6	Mercury	0.11	B		CV
7440-02-0	Nickel	6.9	B		P
7440-09-7	Potassium	6930			P
7782-49-2	Selenium	11.9	B		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	16600			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	2.7	B		P
7440-66-6	Zinc	63.9			P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-7

Lab Name: Mitkem LaboratoriesContract: D003821-41Lab Code: MITKEM Case No.: _____

SAS No.: _____

SDG No.: SJ0398Matrix (soil/water): WATERLab Sample ID: J0398-08Level (low/med): MEDDate Received: 03/10/2010% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	207			P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	5.0	B		P
7440-39-3	Barium	59.6	B		P
7440-41-7	Beryllium	0.22	B		P
7440-43-9	Cadmium	1.2	B		P
7440-70-2	Calcium	30100			P
7440-47-3	Chromium	6.4	B		P
7440-48-4	Cobalt	4.4	B		P
7440-50-8	Copper	27.0	B		P
7439-89-6	Iron	99500			P
7439-92-1	Lead	3.8	B		P
7439-95-4	Magnesium	5910			P
7439-96-5	Manganese	890			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	10.2	B		P
7440-09-7	Potassium	7900			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	16400			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	1.1	B		P
7440-66-6	Zinc	51.7			P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-8

Lab Name: Mitkem LaboratoriesContract: D003821-41Lab Code: MITKEM Case No.: _____

SAS No.: _____

SDG No.: SJ0398Matrix (soil/water): WATERLab Sample ID: J0398-03Level (low/med): MEDDate Received: 03/10/2010% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	384			P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	3.1	U		P
7440-39-3	Barium	103	B		P
7440-41-7	Beryllium	0.27	B		P
7440-43-9	Cadmium	0.54	B		P
7440-70-2	Calcium	30300			P
7440-47-3	Chromium	15.5	B		P
7440-48-4	Cobalt	9.0	B		P
7440-50-8	Copper	67.2			P
7439-89-6	Iron	236000			P
7439-92-1	Lead	6.3	B		P
7439-95-4	Magnesium	3610			P
7439-96-5	Manganese	1020			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	24.8	B		P
7440-09-7	Potassium	16200			P
7782-49-2	Selenium	22.9	B		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	25200			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	0.69	B		P
7440-66-6	Zinc	123			P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-9

Lab Name: Mitkem Laboratories Contract: D003821-41
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0398
 Matrix (soil/water): WATER Lab Sample ID: J0398-01
 Level (low/med): MED Date Received: 03/10/2010
 % 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	92.1	B		P
7440-36-0	Antimony	8.2	B		P
7440-38-2	Arsenic	4.3	B		P
7440-39-3	Barium	45.1	B		P
7440-41-7	Beryllium	0.30	B		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	23700			P
7440-47-3	Chromium	12.6	B		P
7440-48-4	Cobalt	5.5	B		P
7440-50-8	Copper	37.2			P
7439-89-6	Iron	115000			P
7439-92-1	Lead	15.5			P
7439-95-4	Magnesium	3620			P
7439-96-5	Manganese	954			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	14.5	B		P
7440-09-7	Potassium	2800			P
7782-49-2	Selenium	23.5	B		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	17700			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	2.5	B		P
7440-66-6	Zinc	28.4	B		P

Comments:

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem LaboratoriesContract: D003821-41Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: SJ0398

Solid LCS Source: _____

LCS(D) ID:

Aqueous LCS Source: _____

LCS-49906

Analyte	Aqueous (ug/L)			Solid (mg/Kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	9100.0	8694.90	95.5					
Antimony	455.0	493.17	108.4					
Arsenic	455.0	460.53	101.2					
Barium	9100.0	8891.76	97.7					
Beryllium	227.0	220.52	97.1					
Cadmium	227.0	230.03	101.3					
Calcium	22700.0	21564.85	95.0					
Chromium	910.0	869.02	95.5					
Cobalt	2270.0	2222.94	97.9					
Copper	1130.0	1087.57	96.2					
Iron	4550.0	4471.90	98.3					
Lead	455.0	460.61	101.2					
Magnesium	22700.0	21818.10	96.1					
Manganese	2270.0	2227.95	98.1					
Nickel	2270.0	2206.68	97.2					
Potassium	22700.0	21439.13	94.4					
Selenium	455.0	459.27	100.9					
Silver	1130.0	1098.55	97.2					
Sodium	22700.0	21523.89	94.8					
Thallium	455.0	473.62	104.1					
Vanadium	2270.0	2198.36	96.8					
Zinc	2270.0	2195.03	96.7					

U.S. EPA - CLP

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LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: D003821-41
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0398
 Solid LCS Source: _____ LCS(D) ID: _____
 Aqueous LCS Source: _____ LCS-50021

Analyte	Aqueous (ug/L)			Solid (mg/Kg)				
	True	Found	%R	True	Found	C	Limits	%R
Mercury	4.6	5.41	117.6					

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: D003821-41
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0398
 Solid LCS Source: _____ LCS(D) ID: _____
 Aqueous LCS Source: _____ LCS-50099

Analyte	Aqueous (ug/L)			Solid (mg/Kg)				
	True	Found	%R	True	Found	C	Limits	%R
Mercury	4.6	4.53	98.5					

WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES Contract: _____

Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398

Level: (TRACE or LOW) LOW

	CLIENT SAMPLE NO.	VDMC1 (DBFM) #	VDMC2 (DCE) #	VDMC3 (TOL) #	VDMC4 (BFB) #				TOT OUT
01	LCS-49928	103	99	100	99				0
02	LCSD-49928	101	100	98	97				0
03	MB-49928	100	96	100	96				0
04	TB-1	98	97	100	94				0
05	TB-3	100	96	86	93				0
06	SMS-MW-9	100	97	99	94				0
07	SMS-MW-59	101	101	99	92				0
08	SMS-MW-8	98	97	97	91				0
09	SMS-MW-1	100	100	99	91				0
10	SMS-MW-2	99	96	100	92				0
11	SMS-MW-3	100	100	99	90				0
12	SMS-MW-4	101	99	100	92				0
13	SMS-MW-15	100	96	98	89				0
14	LCS-49950	99	100	98	97				0
15	MB-49950	103	103	103	95				0
16	SMS-MW-16S	101	99	100	93				0
17	SMS-MW-16D	99	95	100	94				0
18	SMS-MW-16M	99	99	99	92				0
19	LCS-50047	103	96	101	101				0
20	MB-50047	102	99	97	98				0
21	TB-02	102	104	98	96				0
22	SMS-MW-7	107	101	92	95				0
23	SMS-MW-6	105	109	87	94				0
24	SMS-MW-6D	103	104	94	93				0
25	LCS-50061	100	101	100	100				0
26	MB-50061	98	104	99	90				0
27	SMS-MW-5	102	101	100	92				0
28	SMS-MW-17	103	100	101	89				0

QC LIMITS

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

Column to be used to flag recovery values

* Values outside of contract required QC limits

WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES

Contract: _____

Lab Code: MITKEM

Case No.: J0398

Mod. Ref No.: _____

SDG No.: SJ0398

Level: (TRACE or LOW) LOW

	CLIENT SAMPLE NO.	VDMC1 (DBFM) #	VDMC2 (DCE) #	VDMC3 (TOL) #	VDMC4 (BFB) #				TOT OUT
29	SMS-MW-13DMS	105	102	94	94				0
30	SMS-MW-13DMS D	102	106	99	93				0
31	LCS-50103	101	100	100	95				0
32	MB-50103	101	97	100	91				0
33	SMS-MW-13D	101	97	100	93				0

VDMC1 (DBFM) Dibromofluoromethane
VDMC2 (DCE) = 1,2-Dichloroethane-d4
VDMC3 (TOL) = Toluene-d8
VDMC4 (BFB) = Bromofluorobenzene

QC LIMITS

(85-115)
(70-120)
(85-120)
(75-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

WATER SEMIVOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.: J0398

Mod. Ref No.:

SDG No.: SJ0398

	CLIENT SAMPLE NO.	SDMC1 (NBZ) #	SDMC2 (FBP) #	SDMC3 (TPH) #	SDMC4 (PHL) #	SDMC5 (2FP) #	SDMC6 (TBP) #			TOT OUT
01	MB-49849	91	83	85	89	91	71			0
02	LCS-49849	83	77	78	84	80	70			0
03	LCSD-49849	86	82	83	75	89	73			0
04	SMS-MW-9	84	76	79	78	82	72			0
05	SMS-MW-59	74	70	77	74	75	66			0
06	SMS-MW-8	86	75	82	74	84	65			0
07	SMS-MW-1	86	76	80	81	83	69			0
08	SMS-MW-2	79	72	72	81	80	67			0
09	SMS-MW-3	77	69	78	75	76	64			0
10	SMS-MW-7	84	78	78	72	76	56			0
11	SMS-MW-6	83	72	66	81	85	75			0
12	SMS-MW-6D	66	65	68	69	68	62			0
13	SMS-MW-5	81	71	81	66	72	53			0
14	SMS-MW-17	86	71	81	58	64	47			0
15	MB-49914	78	75	89	67	80	87			0
16	LCS-49914	82	88	107	72	71	120			0
17	SMS-MW-4	71	79	123	69	77	98			0
18	SMS-MW-15	69	77	124	66	71	97			0
19	SMS-MW-16S	75	80	125	73	77	94			0
20	SMS-MW-16D	71	78	121	68	73	111			0
21	SMS-MW-16M	74	76	131	65	76	96			0
22	SMS-MW-13D	63	75	126	64	72	92			0
23	SMS-MW-13DMS	81	94	124	76	72	108			0
24	SMS-MW-13DMS D	83	94	108	73	72	84			0

QC LIMITS

SDMC1	(NBZ) = Nitrobenzene-d5	(40-110)
SDMC2	(FBP) = 2-Fluorobiphenyl	(50-110)
SDMC3	(TPH) = Terphenyl-d14	(50-135)
SDMC4	(PHL) = Phenol-d5	(10-115)
SDMC5	(2FP) = 2-Fluorophenol	(20-110)
SDMC6	(TBP) = 2,4,6-Tribromophenol	(40-125)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D DMC diluted out

3A - FORM III VOA-1

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.: J0398

Mod. Ref No.:

SDG No.: SJ0398

Matrix Spike - EPA Sample No.: SMS-MW-13D

Level: (TRACE or LOW) LOW

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	43.6655	87		30-155
Chloromethane	50.0000	0.0000	60.8338	122		40-125
Vinyl chloride	50.0000	0.0000	60.3700	121		50-145
Bromomethane	50.0000	0.0000	54.2401	108		30-145
Chloroethane	50.0000	0.0000	57.0925	114		60-135
Trichlorofluoromethane	50.0000	0.0000	52.2812	105		60-145
1,1-Dichloroethene	50.0000	0.0000	58.9814	118		70-130
Acetone	50.0000	0.0000	52.4709	105		40-140
Iodomethane	50.0000	0.0000	58.3607	117		72-121
Carbon disulfide	50.0000	0.0000	44.7099	89		35-160
Methylene chloride	50.0000	0.0000	58.7639	118		55-140
trans-1,2-Dichloroethene	50.0000	0.0000	55.9344	112		60-140
Methyl tert-butyl ether	50.0000	0.0000	57.3112	115		65-125
1,1-Dichloroethane	50.0000	0.0000	57.3884	115		70-135
Vinyl acetate	50.0000	0.0000	36.6920	73		38-163
2-Butanone	50.0000	0.0000	51.2217	102		30-150
cis-1,2-Dichloroethene	50.0000	0.0000	58.0021	116		70-125
2,2-Dichloropropane	50.0000	0.0000	20.8512	42	*	70-135
Bromochloromethane	50.0000	0.0000	56.4420	113		65-130
Chloroform	50.0000	0.0000	57.4323	115		65-135
1,1,1-Trichloroethane	50.0000	0.0000	57.9392	116		65-130
1,1-Dichloropropene	50.0000	0.0000	55.5267	111		75-130
Carbon tetrachloride	50.0000	0.0000	56.0743	112		65-140
1,2-Dichloroethane	50.0000	0.0000	58.0183	116		70-130
Benzene	50.0000	0.0000	56.6326	113		80-120
Trichloroethene	50.0000	0.0000	59.1918	118		70-125
1,2-Dichloropropane	50.0000	0.0000	58.0264	116		75-125
Dibromomethane	50.0000	0.0000	57.0781	114		75-125
Bromodichloromethane	50.0000	0.0000	55.9291	112		75-120
cis-1,3-Dichloropropene	50.0000	0.0000	46.4276	93		70-130
4-Methyl-2-pentanone	50.0000	0.0000	55.8606	112		60-135
Toluene	50.0000	0.0000	57.2933	115		75-120
trans-1,3-Dichloropropene	50.0000	0.0000	46.0260	92		55-140
1,1,2-Trichloroethane	50.0000	0.0000	59.6242	119		75-125
1,3-Dichloropropane	50.0000	0.0000	54.8849	110		75-125
Tetrachloroethene	50.0000	0.0000	57.2082	114		45-150
2-Hexanone	50.0000	0.0000	50.2101	100		55-130
Dibromochloromethane	50.0000	0.0000	52.6213	105		60-135
1,2-Dibromoethane	50.0000	0.0000	55.4326	111		80-120
Chlorobenzene	50.0000	0.0000	56.7767	114		80-120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	56.8718	114		80-130
Ethylbenzene	50.0000	0.0000	55.9778	112		75-125
m,p-Xylene	100.0000	0.0000	112.7240	113		75-130
o-Xylene	50.0000	0.0000	55.3896	111		80-120

3A - FORM III VOA-1

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.: J0398

Mod. Ref No.:

SDG No.: SJ0398

Matrix Spike - EPA Sample No.: SMS-MW-13D

Level: (TRACE or LOW) LOW

Xylene (Total)	150.0000	0.0000	168.1136	112	81-121
Styrene	50.0000	0.0000	56.4512	113	65-135
Bromoform	50.0000	0.0000	45.8227	92	70-130
Isopropylbenzene	50.0000	0.0000	55.2433	110	75-125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	55.6730	111	65-130
Bromobenzene	50.0000	0.0000	57.4048	115	75-125
1,2,3-Trichloropropane	50.0000	0.0000	48.4766	97	75-125
n-Propylbenzene	50.0000	0.0000	56.1520	112	70-130
2-Chlorotoluene	50.0000	0.0000	56.5313	113	75-125
1,3,5-Trimethylbenzene	50.0000	0.0000	56.2029	112	75-130
4-Chlorotoluene	50.0000	0.0000	55.4153	111	75-130
tert-Butylbenzene	50.0000	0.0000	56.9742	114	70-130
1,2,4-Trimethylbenzene	50.0000	0.0000	56.6800	113	75-130
sec-Butylbenzene	50.0000	0.0000	54.7318	109	70-125
4-Isopropyltoluene	50.0000	0.0000	55.9527	112	75-130
1,3-Dichlorobenzene	50.0000	0.0000	55.3528	111	75-125
1,4-Dichlorobenzene	50.0000	0.0000	55.3530	111	75-125
n-Butylbenzene	50.0000	0.0000	51.0310	102	70-135
1,2-Dichlorobenzene	50.0000	0.0000	56.6592	113	70-120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	50.7230	101	50-130
1,2,4-Trichlorobenzene	50.0000	0.0000	54.4379	109	65-135
Hexachlorobutadiene	50.0000	0.0000	46.9257	94	50-140
1,2,3-Trichlorobenzene	50.0000	0.0000	54.7850	110	55-140
Naphthalene	50.0000	0.0000	53.5775	107	55-140

COMPOUND	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD %REC	#	%RPD	QC LIMITS	
						RPD	REC.
Dichlorodifluoromethane	50.0000	41.4159	83		5	0-40	30-155
Chloromethane	50.0000	54.1650	108		12	0-40	40-125
Vinyl chloride	50.0000	56.7045	113		6	0-40	50-145
Bromomethane	50.0000	49.9441	100		8	0-40	30-145
Chloroethane	50.0000	54.3128	109		5	0-40	60-135
Trichlorofluoromethane	50.0000	51.0691	102		2	0-40	60-145
1,1-Dichloroethene	50.0000	54.0558	108		9	0-40	70-130
Acetone	50.0000	54.5907	109		4	0-40	40-140
Iodomethane	50.0000	53.4259	107		9	0-40	72-121
Carbon disulfide	50.0000	43.9402	88		2	0-40	35-160
Methylene chloride	50.0000	54.6492	109		7	0-40	55-140
trans-1,2-Dichloroethene	50.0000	53.9515	108		4	0-40	60-140
Methyl tert-butyl ether	50.0000	54.6633	109		5	0-40	65-125
1,1-Dichloroethane	50.0000	52.0141	104		10	0-40	70-135
Vinyl acetate	50.0000	33.5756	67		9	0-40	38-163
2-Butanone	50.0000	47.8471	96		7	0-40	30-150
cis-1,2-Dichloroethene	50.0000	54.6866	109		6	0-40	70-125
2,2-Dichloropropane	50.0000	18.8303	38	*	10	0-40	70-135
Bromochloromethane	50.0000	54.4369	109		4	0-40	65-130

3A - FORM III VOA-1

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.: J0398

Mod. Ref No.:

SDG No.: SJ0398

Matrix Spike - EPA Sample No.: SMS-MW-13D

Level: (TRACE or LOW) LOW

Chloroform	50.0000	53.8621	108	6	0-40	65-135
1,1,1-Trichloroethane	50.0000	54.6972	109	6	0-40	65-130
1,1-Dichloropropene	50.0000	54.3241	109	2	0-40	75-130
Carbon tetrachloride	50.0000	53.2672	107	5	0-40	65-140
1,2-Dichloroethane	50.0000	55.0842	110	5	0-40	70-130
Benzene	50.0000	53.6609	107	5	0-40	80-120
Trichloroethene	50.0000	57.4208	115	3	0-40	70-125
1,2-Dichloropropane	50.0000	54.7863	110	6	0-40	75-125
Dibromomethane	50.0000	54.6555	109	4	0-40	75-125
Bromodichloromethane	50.0000	52.1581	104	7	0-40	75-120
cis-1,3-Dichloropropene	50.0000	44.6953	89	4	0-40	70-130
4-Methyl-2-pentanone	50.0000	53.8511	108	4	0-40	60-135
Toluene	50.0000	53.9572	108	6	0-40	75-120
trans-1,3-Dichloropropene	50.0000	41.9864	84	9	0-40	55-140
1,1,2-Trichloroethane	50.0000	54.2171	108	9	0-40	75-125
1,3-Dichloropropane	50.0000	54.0351	108	2	0-40	75-125
Tetrachloroethene	50.0000	56.3056	113	2	0-40	45-150
2-Hexanone	50.0000	49.7529	100	1	0-40	55-130
Dibromochloromethane	50.0000	51.2269	102	3	0-40	60-135
1,2-Dibromoethane	50.0000	53.6212	107	3	0-40	80-120
Chlorobenzene	50.0000	55.1282	110	3	0-40	80-120
1,1,1,2-Tetrachloroethane	50.0000	55.2938	111	3	0-40	80-130
Ethylbenzene	50.0000	52.9644	106	6	0-40	75-125
m,p-Xylene	100.0000	110.1169	110	2	0-40	75-130
o-Xylene	50.0000	54.3647	109	2	0-40	80-120
Xylene (Total)	150.0000	164.4816	110	2	0-40	81-121
Styrene	50.0000	54.1404	108	4	0-40	65-135
Bromoform	50.0000	46.0248	92	0	0-40	70-130
Isopropylbenzene	50.0000	53.8242	108	3	0-40	75-125
1,1,2,2-Tetrachloroethane	50.0000	54.3638	109	2	0-40	65-130
Bromobenzene	50.0000	57.8620	116	1	0-40	75-125
1,2,3-Trichloropropane	50.0000	47.1523	94	3	0-40	75-125
n-Propylbenzene	50.0000	54.6840	109	3	0-40	70-130
2-Chlorotoluene	50.0000	55.5790	111	2	0-40	75-125
1,3,5-Trimethylbenzene	50.0000	53.8405	108	4	0-40	75-130
4-Chlorotoluene	50.0000	53.0008	106	4	0-40	75-130
tert-Butylbenzene	50.0000	54.0838	108	5	0-40	70-130
1,2,4-Trimethylbenzene	50.0000	53.1407	106	6	0-40	75-130
sec-Butylbenzene	50.0000	52.4570	105	4	0-40	70-125
4-Isopropyltoluene	50.0000	53.4010	107	5	0-40	75-130
1,3-Dichlorobenzene	50.0000	53.4597	107	3	0-40	75-125
1,4-Dichlorobenzene	50.0000	51.8644	104	7	0-40	75-125
n-Butylbenzene	50.0000	49.9756	100	2	0-40	70-135
1,2-Dichlorobenzene	50.0000	54.2285	108	4	0-40	70-120
1,2-Dibromo-3-chloropropan	50.0000	47.7966	96	6	0-40	50-130
1,2,4-Trichlorobenzene	50.0000	52.8038	106	3	0-40	65-135
Hexachlorobutadiene	50.0000	48.7224	97	4	0-40	50-140

3A - FORM III VOA-1
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract: _____
Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
Matrix Spike - EPA Sample No.: SMS-MW-13D Level: (TRACE or LOW) LOW

1,2,3-Trichlorobenzene	50.0000	53.7211	107		2		0-40	55-140
Naphthalene	50.0000	54.4213	109		2		0-40	55-140

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

* Values outside of QC limits

RPD: 0 out of 68 outside limits

Spike Recovery: 2 out of 136 outside limits

COMMENTS: _____

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-49928

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-49928 LCS Lot No.: _____
 Date Extracted: 03/18/2010 Date Analyzed (1): 03/18/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	46.2661	93		30 - 155
Chloromethane	50.0000	0.0000	50.3183	101		40 - 125
Vinyl chloride	50.0000	0.0000	53.5248	107		50 - 145
Bromomethane	50.0000	0.0000	49.4183	99		30 - 145
Chloroethane	50.0000	0.0000	52.1843	104		60 - 135
Trichlorofluoromethane	50.0000	0.0000	49.5007	99		60 - 145
1,1-Dichloroethene	50.0000	0.0000	52.4129	105		70 - 130
Acetone	50.0000	0.0000	46.8294	94		40 - 140
Iodomethane	50.0000	0.0000	52.7376	105		72 - 121
Carbon disulfide	50.0000	0.0000	50.9423	102		35 - 160
Methylene chloride	50.0000	0.0000	51.9707	104		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	52.8287	106		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	52.0500	104		65 - 125
1,1-Dichloroethane	50.0000	0.0000	52.2189	104		70 - 135
Vinyl acetate	50.0000	0.0000	51.2780	103		38 - 163
2-Butanone	50.0000	0.0000	46.8198	94		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	52.9834	106		70 - 125
2,2-Dichloropropane	50.0000	0.0000	43.4717	87		70 - 135
Bromochloromethane	50.0000	0.0000	51.8170	104		65 - 130
Chloroform	50.0000	0.0000	52.1704	104		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	52.8423	106		65 - 130
1,1-Dichloropropene	50.0000	0.0000	51.0374	102		75 - 130
Carbon tetrachloride	50.0000	0.0000	52.2799	105		65 - 140
1,2-Dichloroethane	50.0000	0.0000	53.4941	107		70 - 130
Benzene	50.0000	0.0000	52.2827	105		80 - 120
Trichloroethene	50.0000	0.0000	53.5322	107		70 - 125
1,2-Dichloropropane	50.0000	0.0000	52.9462	106		75 - 125
Dibromomethane	50.0000	0.0000	50.7527	102		75 - 125
Bromodichloromethane	50.0000	0.0000	53.7486	107		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	51.9951	104		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	50.0111	100		60 - 135
Toluene	50.0000	0.0000	53.4548	107		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	49.6326	99		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	52.4978	105		75 - 125
1,3-Dichloropropane	50.0000	0.0000	52.5201	105		75 - 125
Tetrachloroethene	50.0000	0.0000	55.3990	111		45 - 150
2-Hexanone	50.0000	0.0000	49.7179	99		55 - 130
Dibromochloromethane	50.0000	0.0000	52.7805	106		60 - 135
1,2-Dibromoethane	50.0000	0.0000	51.9642	104		80 - 120
Chlorobenzene	50.0000	0.0000	54.3146	109		80 - 120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	52.1107	104		80 - 130
Ethylbenzene	50.0000	0.0000	53.6675	107		75 - 125
m,p-Xylene	100.0000	0.0000	108.3436	108		75 - 130
o-Xylene	50.0000	0.0000	53.1828	106		80 - 120

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49928

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-49928 LCS Lot No.: _____
 Date Extracted: 03/18/2010 Date Analyzed (1): 03/18/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Xylene (Total)	150.0000	0.0000	161.5264	108		81 - 121
Styrene	50.0000	0.0000	53.2110	106		65 - 135
Bromoform	50.0000	0.0000	49.5437	99		70 - 130
Isopropylbenzene	50.0000	0.0000	52.2705	105		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	50.0310	100		65 - 130
Bromobenzene	50.0000	0.0000	52.4650	105		75 - 125
1,2,3-Trichloropropane	50.0000	0.0000	47.9321	96		75 - 125
n-Propylbenzene	50.0000	0.0000	52.3251	105		70 - 130
2-Chlorotoluene	50.0000	0.0000	52.2192	104		75 - 125
1,3,5-Trimethylbenzene	50.0000	0.0000	52.4859	105		75 - 130
4-Chlorotoluene	50.0000	0.0000	52.0358	104		75 - 130
tert-Butylbenzene	50.0000	0.0000	52.4158	105		70 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	52.3483	105		75 - 130
sec-Butylbenzene	50.0000	0.0000	52.3867	105		70 - 125
4-Isopropyltoluene	50.0000	0.0000	52.6660	105		75 - 130
1,3-Dichlorobenzene	50.0000	0.0000	51.6674	103		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	51.5604	103		75 - 125
n-Butylbenzene	50.0000	0.0000	53.5217	107		70 - 135
1,2-Dichlorobenzene	50.0000	0.0000	51.7851	104		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	48.9739	98		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	54.0600	108		65 - 135
Hexachlorobutadiene	50.0000	0.0000	48.8427	98		50 - 140
1,2,3-Trichlorobenzene	50.0000	0.0000	52.5520	105		55 - 140
Naphthalene	50.0000	0.0000	50.3980	101		55 - 140

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

* Values outside of QC limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS: _____

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

LCSD-49928

Lab Name: MITKEM LABORATORIES

Contract: _____

Lab Code: MITKEM Case No.: J0398

Mod. Ref No.: _____

SDG No.: SJ0398

Lab Sample ID: LCSD-49928

LCS Lot No.: _____

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD #	QC LIMITS	
						RPD	REC.
Dichlorodifluoromethane	50.0000	44.6924	89		4	40	30 - 155
Chloromethane	50.0000	46.2075	92		9	40	40 - 125
Vinyl chloride	50.0000	53.8015	108		1	40	50 - 145
Bromomethane	50.0000	48.0422	96		3	40	30 - 145
Chloroethane	50.0000	52.2147	104		0	40	60 - 135
Trichlorofluoromethane	50.0000	49.1613	98		1	40	60 - 145
1,1-Dichloroethene	50.0000	49.9697	100		5	40	70 - 130
Acetone	50.0000	46.3611	93		1	40	40 - 140
Iodomethane	50.0000	49.6772	99		6	40	72 - 121
Carbon disulfide	50.0000	49.3182	99		3	40	35 - 160
Methylene chloride	50.0000	50.5442	101		3	40	55 - 140
trans-1,2-Dichloroethene	50.0000	50.2983	101		5	40	60 - 140
Methyl tert-butyl ether	50.0000	50.7920	102		2	40	65 - 125
1,1-Dichloroethane	50.0000	51.0542	102		2	40	70 - 135
Vinyl acetate	50.0000	49.7474	99		4	40	38 - 163
2-Butanone	50.0000	46.8102	94		0	40	30 - 150
cis-1,2-Dichloroethene	50.0000	50.3427	101		5	40	70 - 125
2,2-Dichloropropane	50.0000	41.6638	83		5	40	70 - 135
Bromochloromethane	50.0000	50.4164	101		3	40	65 - 130
Chloroform	50.0000	50.8904	102		2	40	65 - 135
1,1,1-Trichloroethane	50.0000	51.9802	104		2	40	65 - 130
1,1-Dichloropropene	50.0000	51.1947	102		0	40	75 - 130
Carbon tetrachloride	50.0000	50.8948	102		3	40	65 - 140
1,2-Dichloroethane	50.0000	52.1384	104		3	40	70 - 130
Benzene	50.0000	50.8103	102		3	40	80 - 120
Trichloroethene	50.0000	52.0512	104		3	40	70 - 125
1,2-Dichloropropane	50.0000	51.9975	104		2	40	75 - 125
Dibromomethane	50.0000	50.4355	101		1	40	75 - 125
Bromodichloromethane	50.0000	50.8643	102		5	40	75 - 120
cis-1,3-Dichloropropene	50.0000	48.9050	98		6	40	70 - 130
4-Methyl-2-pentanone	50.0000	51.4095	103		3	40	60 - 135
Toluene	50.0000	51.7647	104		3	40	75 - 120
trans-1,3-Dichloropropene	50.0000	49.4190	99		0	40	55 - 140
1,1,2-Trichloroethane	50.0000	51.4263	103		2	40	75 - 125
1,3-Dichloropropane	50.0000	50.2956	101		4	40	75 - 125
Tetrachloroethene	50.0000	54.5448	109		2	40	45 - 150
2-Hexanone	50.0000	49.1837	98		1	40	55 - 130
Dibromochloromethane	50.0000	50.8408	102		4	40	60 - 135
1,2-Dibromoethane	50.0000	48.7436	97		7	40	80 - 120
Chlorobenzene	50.0000	51.3974	103		6	40	80 - 120
1,1,1,2-Tetrachloroethane	50.0000	49.8527	100		4	40	80 - 130
Ethylbenzene	50.0000	50.2957	101		6	40	75 - 125
m,p-Xylene	100.0000	101.3835	101		7	40	75 - 130
o-Xylene	50.0000	51.6500	103		3	40	80 - 120
Xylene (Total)	150.0000	153.0335	102		6	40	81 - 121
Styrene	50.0000	50.2549	101		5	40	65 - 135

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

LCSD-49928

Lab Name: MITKEM LABORATORIES

Contract: _____

Lab Code: MITKEM Case No.: J0398

Mod. Ref No.: _____

SDG No.: SJ0398

Lab Sample ID: LCSD-49928

LCS Lot No.: _____

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	QC LIMITS	
						RPD	REC.
Bromoform	50.0000	48.4059	97		2	40	70 - 130
Isopropylbenzene	50.0000	51.3454	103		2	40	75 - 125
1,1,2,2-Tetrachloroethane	50.0000	49.2183	98		2	40	65 - 130
Bromobenzene	50.0000	50.2664	101		4	40	75 - 125
1,2,3-Trichloropropane	50.0000	48.2316	96		0	40	75 - 125
n-Propylbenzene	50.0000	51.6300	103		2	40	70 - 130
2-Chlorotoluene	50.0000	51.7587	104		0	40	75 - 125
1,3,5-Trimethylbenzene	50.0000	51.1712	102		3	40	75 - 130
4-Chlorotoluene	50.0000	52.3946	105		1	40	75 - 130
tert-Butylbenzene	50.0000	49.7036	99		6	40	70 - 130
1,2,4-Trimethylbenzene	50.0000	51.6972	103		2	40	75 - 130
sec-Butylbenzene	50.0000	50.2846	101		4	40	70 - 125
4-Isopropyltoluene	50.0000	50.9121	102		3	40	75 - 130
1,3-Dichlorobenzene	50.0000	49.4489	99		4	40	75 - 125
1,4-Dichlorobenzene	50.0000	51.4285	103		0	40	75 - 125
n-Butylbenzene	50.0000	52.1109	104		3	40	70 - 135
1,2-Dichlorobenzene	50.0000	50.1459	100		4	40	70 - 120
1,2-Dibromo-3-chloropropan	50.0000	49.0736	98		0	40	50 - 130
1,2,4-Trichlorobenzene	50.0000	51.3006	103		5	40	65 - 135
Hexachlorobutadiene	50.0000	47.0752	94		4	40	50 - 140
1,2,3-Trichlorobenzene	50.0000	48.3682	97		8	40	55 - 140
Naphthalene	50.0000	49.6963	99		2	40	55 - 140

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

* Values outside of QC limits

RPD: 0 out of 68 outside limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS: _____

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49950

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-49950 LCS Lot No.: _____
 Date Extracted: 03/19/2010 Date Analyzed (1): 03/19/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	51.1044	102		30 - 155
Chloromethane	50.0000	0.0000	46.8080	94		40 - 125
Vinyl chloride	50.0000	0.0000	52.5559	105		50 - 145
Bromomethane	50.0000	0.0000	50.4630	101		30 - 145
Chloroethane	50.0000	0.0000	50.4364	101		60 - 135
Trichlorofluoromethane	50.0000	0.0000	52.3281	105		60 - 145
1,1-Dichloroethene	50.0000	0.0000	50.7907	102		70 - 130
Acetone	50.0000	0.0000	40.5812	81		40 - 140
Iodomethane	50.0000	0.0000	52.1413	104		72 - 121
Carbon disulfide	50.0000	0.0000	49.8159	100		35 - 160
Methylene chloride	50.0000	0.0000	52.7094	105		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	51.9179	104		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	50.3453	101		65 - 125
1,1-Dichloroethane	50.0000	0.0000	50.5449	101		70 - 135
Vinyl acetate	50.0000	0.0000	50.6767	101		38 - 163
2-Butanone	50.0000	0.0000	45.7540	92		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	52.0470	104		70 - 125
2,2-Dichloropropane	50.0000	0.0000	53.6629	107		70 - 135
Bromochloromethane	50.0000	0.0000	51.6566	103		65 - 130
Chloroform	50.0000	0.0000	50.7242	101		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	51.7853	104		65 - 130
1,1-Dichloropropene	50.0000	0.0000	53.5357	107		75 - 130
Carbon tetrachloride	50.0000	0.0000	52.1167	104		65 - 140
1,2-Dichloroethane	50.0000	0.0000	52.1570	104		70 - 130
Benzene	50.0000	0.0000	51.4723	103		80 - 120
Trichloroethene	50.0000	0.0000	53.4894	107		70 - 125
1,2-Dichloropropane	50.0000	0.0000	52.5706	105		75 - 125
Dibromomethane	50.0000	0.0000	51.8012	104		75 - 125
Bromodichloromethane	50.0000	0.0000	51.1765	102		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	50.3230	101		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	50.3227	101		60 - 135
Toluene	50.0000	0.0000	52.9074	106		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	51.4049	103		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	52.4090	105		75 - 125
1,3-Dichloropropane	50.0000	0.0000	50.4367	101		75 - 125
Tetrachloroethene	50.0000	0.0000	52.4667	105		45 - 150
2-Hexanone	50.0000	0.0000	48.2279	96		55 - 130
Dibromochloromethane	50.0000	0.0000	50.3871	101		60 - 135
1,2-Dibromoethane	50.0000	0.0000	50.3584	101		80 - 120
Chlorobenzene	50.0000	0.0000	53.1819	106		80 - 120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	50.8091	102		80 - 130
Ethylbenzene	50.0000	0.0000	51.8867	104		75 - 125
m,p-Xylene	100.0000	0.0000	105.0587	105		75 - 130
o-Xylene	50.0000	0.0000	51.8190	104		80 - 120

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49950

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-49950 LCS Lot No.: _____
 Date Extracted: 03/19/2010 Date Analyzed (1): 03/19/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Xylene (Total)	150.0000	0.0000	156.8777	105		81 - 121
Styrene	50.0000	0.0000	51.8246	104		65 - 135
Bromoform	50.0000	0.0000	49.3876	99		70 - 130
Isopropylbenzene	50.0000	0.0000	52.0175	104		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	48.5245	97		65 - 130
Bromobenzene	50.0000	0.0000	51.4633	103		75 - 125
1,2,3-Trichloropropane	50.0000	0.0000	47.9741	96		75 - 125
n-Propylbenzene	50.0000	0.0000	51.6625	103		70 - 130
2-Chlorotoluene	50.0000	0.0000	52.6616	105		75 - 125
1,3,5-Trimethylbenzene	50.0000	0.0000	51.4098	103		75 - 130
4-Chlorotoluene	50.0000	0.0000	51.1747	102		75 - 130
tert-Butylbenzene	50.0000	0.0000	51.2962	103		70 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	50.5090	101		75 - 130
sec-Butylbenzene	50.0000	0.0000	51.0653	102		70 - 125
4-Isopropyltoluene	50.0000	0.0000	51.8114	104		75 - 130
1,3-Dichlorobenzene	50.0000	0.0000	50.2235	100		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	51.3629	103		75 - 125
n-Butylbenzene	50.0000	0.0000	51.9156	104		70 - 135
1,2-Dichlorobenzene	50.0000	0.0000	51.1247	102		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	47.2075	94		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	52.5343	105		65 - 135
Hexachlorobutadiene	50.0000	0.0000	48.4660	97		50 - 140
1,2,3-Trichlorobenzene	50.0000	0.0000	48.9001	98		55 - 140
Naphthalene	50.0000	0.0000	47.7979	96		55 - 140

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

* Values outside of QC limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS: _____

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-50047

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-50047 LCS Lot No.: _____
 Date Extracted: 03/23/2010 Date Analyzed (1): 03/23/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	55.8634	112		30 - 155
Chloromethane	50.0000	0.0000	62.4239	125		40 - 125
Vinyl chloride	50.0000	0.0000	63.6279	127		50 - 145
Bromomethane	50.0000	0.0000	66.6281	133		30 - 145
Chloroethane	50.0000	0.0000	65.4051	131		60 - 135
Trichlorofluoromethane	50.0000	0.0000	57.3164	115		60 - 145
1,1-Dichloroethene	50.0000	0.0000	55.8135	112		70 - 130
Acetone	50.0000	0.0000	36.5868	73		40 - 140
Iodomethane	50.0000	0.0000	54.6835	109		72 - 121
Carbon disulfide	50.0000	0.0000	58.0438	116		35 - 160
Methylene chloride	50.0000	0.0000	55.2348	110		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	57.8642	116		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	60.8946	122		65 - 125
1,1-Dichloroethane	50.0000	0.0000	59.8057	120		70 - 135
Vinyl acetate	50.0000	0.0000	62.3387	125		38 - 163
2-Butanone	50.0000	0.0000	45.9618	92		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	56.8630	114		70 - 125
2,2-Dichloropropane	50.0000	0.0000	59.2763	119		70 - 135
Bromochloromethane	50.0000	0.0000	53.7151	107		65 - 130
Chloroform	50.0000	0.0000	58.1952	116		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	59.1306	118		65 - 130
1,1-Dichloropropene	50.0000	0.0000	56.7808	114		75 - 130
Carbon tetrachloride	50.0000	0.0000	59.0484	118		65 - 140
1,2-Dichloroethane	50.0000	0.0000	59.6522	119		70 - 130
Benzene	50.0000	0.0000	58.0203	116		80 - 120
Trichloroethene	50.0000	0.0000	54.5164	109		70 - 125
1,2-Dichloropropane	50.0000	0.0000	57.6131	115		75 - 125
Dibromomethane	50.0000	0.0000	55.2443	110		75 - 125
Bromodichloromethane	50.0000	0.0000	57.1074	114		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	56.9658	114		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	59.1795	118		60 - 135
Toluene	50.0000	0.0000	54.5184	109		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	56.9897	114		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	54.3783	109		75 - 125
1,3-Dichloropropane	50.0000	0.0000	56.1687	112		75 - 125
Tetrachloroethene	50.0000	0.0000	54.6720	109		45 - 150
2-Hexanone	50.0000	0.0000	56.0553	112		55 - 130
Dibromochloromethane	50.0000	0.0000	55.4919	111		60 - 135
1,2-Dibromoethane	50.0000	0.0000	54.5327	109		80 - 120
Chlorobenzene	50.0000	0.0000	54.1771	108		80 - 120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	54.1479	108		80 - 130
Ethylbenzene	50.0000	0.0000	55.2983	111		75 - 125
m,p-Xylene	100.0000	0.0000	111.4260	111		75 - 130
o-Xylene	50.0000	0.0000	53.5252	107		80 - 120

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-50047

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-50047 LCS Lot No.: _____
 Date Extracted: 03/23/2010 Date Analyzed (1): 03/23/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Xylene (Total)	150.0000	0.0000	164.9512	110		81 - 121
Styrene	50.0000	0.0000	56.1873	112		65 - 135
Bromoform	50.0000	0.0000	53.9484	108		70 - 130
Isopropylbenzene	50.0000	0.0000	55.1406	110		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	56.4961	113		65 - 130
Bromobenzene	50.0000	0.0000	55.1439	110		75 - 125
1,2,3-Trichloropropane	50.0000	0.0000	55.1910	110		75 - 125
n-Propylbenzene	50.0000	0.0000	55.5566	111		70 - 130
2-Chlorotoluene	50.0000	0.0000	54.8099	110		75 - 125
1,3,5-Trimethylbenzene	50.0000	0.0000	56.8808	114		75 - 130
4-Chlorotoluene	50.0000	0.0000	56.0441	112		75 - 130
tert-Butylbenzene	50.0000	0.0000	55.4194	111		70 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	55.9869	112		75 - 130
sec-Butylbenzene	50.0000	0.0000	56.1289	112		70 - 125
4-Isopropyltoluene	50.0000	0.0000	55.7176	111		75 - 130
1,3-Dichlorobenzene	50.0000	0.0000	54.2497	108		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	54.4766	109		75 - 125
n-Butylbenzene	50.0000	0.0000	56.6198	113		70 - 135
1,2-Dichlorobenzene	50.0000	0.0000	52.0988	104		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	52.7246	105		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	50.9398	102		65 - 135
Hexachlorobutadiene	50.0000	0.0000	53.0337	106		50 - 140
1,2,3-Trichlorobenzene	50.0000	0.0000	51.5643	103		55 - 140
Naphthalene	50.0000	0.0000	52.0061	104		55 - 140

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

* Values outside of QC limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS: _____

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-50061

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-50061 LCS Lot No.: _____
 Date Extracted: 03/24/2010 Date Analyzed (1): 03/24/2010

COMPOUND	SPIKE * ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	46.1478	92		30 - 155
Chloromethane	50.0000	0.0000	48.6699	97		40 - 125
Vinyl chloride	50.0000	0.0000	51.9388	104		50 - 145
Bromomethane	50.0000	0.0000	52.7248	105		30 - 145
Chloroethane	50.0000	0.0000	51.6936	103		60 - 135
Trichlorofluoromethane	50.0000	0.0000	50.1820	100		60 - 145
1,1-Dichloroethene	50.0000	0.0000	50.2759	101		70 - 130
Acetone	50.0000	0.0000	64.4310	129		40 - 140
Iodomethane	50.0000	0.0000	52.5339	105		72 - 121
Carbon disulfide	50.0000	0.0000	44.6869	89		35 - 160
Methylene chloride	50.0000	0.0000	50.3955	101		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	52.3385	105		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	51.7525	104		65 - 125
1,1-Dichloroethane	50.0000	0.0000	51.6199	103		70 - 135
Vinyl acetate	50.0000	0.0000	51.8010	104		38 - 163
2-Butanone	50.0000	0.0000	54.7365	109		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	51.5761	103		70 - 125
2,2-Dichloropropane	50.0000	0.0000	53.0909	106		70 - 135
Bromochloromethane	50.0000	0.0000	52.5994	105		65 - 130
Chloroform	50.0000	0.0000	51.1885	102		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	51.3378	103		65 - 130
1,1-Dichloropropene	50.0000	0.0000	51.7395	103		75 - 130
Carbon tetrachloride	50.0000	0.0000	50.3262	101		65 - 140
1,2-Dichloroethane	50.0000	0.0000	52.7423	105		70 - 130
Benzene	50.0000	0.0000	51.0349	102		80 - 120
Trichloroethene	50.0000	0.0000	54.8064	110		70 - 125
1,2-Dichloropropane	50.0000	0.0000	51.6948	103		75 - 125
Dibromomethane	50.0000	0.0000	49.4179	99		75 - 125
Bromodichloromethane	50.0000	0.0000	50.0829	100		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	50.4675	101		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	51.6877	103		60 - 135
Toluene	50.0000	0.0000	51.9569	104		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	48.9461	98		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	53.5893	107		75 - 125
1,3-Dichloropropane	50.0000	0.0000	51.1823	102		75 - 125
Tetrachloroethene	50.0000	0.0000	53.4697	107		45 - 150
2-Hexanone	50.0000	0.0000	59.2460	118		55 - 130
Dibromochloromethane	50.0000	0.0000	47.4449	95		60 - 135
1,2-Dibromoethane	50.0000	0.0000	50.2463	100		80 - 120
Chlorobenzene	50.0000	0.0000	52.0086	104		80 - 120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	50.6289	101		80 - 130
Ethylbenzene	50.0000	0.0000	51.6147	103		75 - 125
m,p-Xylene	100.0000	0.0000	102.2765	102		75 - 130
o-Xylene	50.0000	0.0000	50.3582	101		80 - 120

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-50061

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-50061 LCS Lot No.: _____
 Date Extracted: 03/24/2010 Date Analyzed (1): 03/24/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Xylene (Total)	150.0000	0.0000	152.6347	102		81 - 121
Styrene	50.0000	0.0000	52.1192	104		65 - 135
Bromoform	50.0000	0.0000	42.7886	86		70 - 130
Isopropylbenzene	50.0000	0.0000	49.8042	100		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	50.5950	101		65 - 130
Bromobenzene	50.0000	0.0000	52.7837	106		75 - 125
1,2,3-Trichloropropane	50.0000	0.0000	44.6642	89		75 - 125
n-Propylbenzene	50.0000	0.0000	51.8258	104		70 - 130
2-Chlorotoluene	50.0000	0.0000	50.7583	102		75 - 125
1,3,5-Trimethylbenzene	50.0000	0.0000	52.0705	104		75 - 130
4-Chlorotoluene	50.0000	0.0000	50.4188	101		75 - 130
tert-Butylbenzene	50.0000	0.0000	50.8228	102		70 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	50.5008	101		75 - 130
sec-Butylbenzene	50.0000	0.0000	49.9661	100		70 - 125
4-Isopropyltoluene	50.0000	0.0000	50.8115	102		75 - 130
1,3-Dichlorobenzene	50.0000	0.0000	50.3974	101		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	50.6283	101		75 - 125
n-Butylbenzene	50.0000	0.0000	49.9907	100		70 - 135
1,2-Dichlorobenzene	50.0000	0.0000	50.3540	101		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	40.2352	80		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	50.5136	101		65 - 135
Hexachlorobutadiene	50.0000	0.0000	48.6630	97		50 - 140
1,2,3-Trichlorobenzene	50.0000	0.0000	49.4408	99		55 - 140
Naphthalene	50.0000	0.0000	49.3020	99		55 - 140

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

* Values outside of QC limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS: _____

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-50103

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-50103 LCS Lot No.: _____
 Date Extracted: 03/25/2010 Date Analyzed (1): 03/25/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	46.8865	94		30 - 155
Chloromethane	50.0000	0.0000	51.3382	103		40 - 125
Vinyl chloride	50.0000	0.0000	53.6327	107		50 - 145
Bromomethane	50.0000	0.0000	50.7257	101		30 - 145
Chloroethane	50.0000	0.0000	52.2090	104		60 - 135
Trichlorofluoromethane	50.0000	0.0000	52.1889	104		60 - 145
1,1-Dichloroethene	50.0000	0.0000	51.8781	104		70 - 130
Acetone	50.0000	0.0000	66.2969	133		40 - 140
Iodomethane	50.0000	0.0000	51.0059	102		72 - 121
Carbon disulfide	50.0000	0.0000	43.5331	87		35 - 160
Methylene chloride	50.0000	0.0000	52.2316	104		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	51.4709	103		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	51.9647	104		65 - 125
1,1-Dichloroethane	50.0000	0.0000	52.6083	105		70 - 135
Vinyl acetate	50.0000	0.0000	51.7601	104		38 - 163
2-Butanone	50.0000	0.0000	54.5362	109		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	51.4707	103		70 - 125
2,2-Dichloropropane	50.0000	0.0000	53.1226	106		70 - 135
Bromochloromethane	50.0000	0.0000	52.3337	105		65 - 130
Chloroform	50.0000	0.0000	51.5698	103		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	52.3886	105		65 - 130
1,1-Dichloropropene	50.0000	0.0000	52.7233	105		75 - 130
Carbon tetrachloride	50.0000	0.0000	52.2590	105		65 - 140
1,2-Dichloroethane	50.0000	0.0000	52.3776	105		70 - 130
Benzene	50.0000	0.0000	51.5465	103		80 - 120
Trichloroethene	50.0000	0.0000	54.4095	109		70 - 125
1,2-Dichloropropane	50.0000	0.0000	51.9217	104		75 - 125
Dibromomethane	50.0000	0.0000	51.3479	103		75 - 125
Bromodichloromethane	50.0000	0.0000	50.7321	101		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	50.9147	102		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	50.8414	102		60 - 135
Toluene	50.0000	0.0000	51.8676	104		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	50.3853	101		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	52.3871	105		75 - 125
1,3-Dichloropropane	50.0000	0.0000	52.1618	104		75 - 125
Tetrachloroethene	50.0000	0.0000	54.6074	109		45 - 150
2-Hexanone	50.0000	0.0000	55.2532	111		55 - 130
Dibromochloromethane	50.0000	0.0000	50.2480	100		60 - 135
1,2-Dibromoethane	50.0000	0.0000	51.7460	103		80 - 120
Chlorobenzene	50.0000	0.0000	53.1141	106		80 - 120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	51.0046	102		80 - 130
Ethylbenzene	50.0000	0.0000	52.6244	105		75 - 125
m,p-Xylene	100.0000	0.0000	105.7152	106		75 - 130
o-Xylene	50.0000	0.0000	52.9937	106		80 - 120

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-50103

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-50103 LCS Lot No.: _____
 Date Extracted: 03/25/2010 Date Analyzed (1): 03/25/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Xylene (Total)	150.0000	0.0000	158.7089	106		81 - 121
Styrene	50.0000	0.0000	52.5347	105		65 - 135
Bromoform	50.0000	0.0000	46.5814	93		70 - 130
Isopropylbenzene	50.0000	0.0000	52.5644	105		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	50.3522	101		65 - 130
Bromobenzene	50.0000	0.0000	51.5719	103		75 - 125
1,2,3-Trichloropropane	50.0000	0.0000	49.4776	99		75 - 125
n-Propylbenzene	50.0000	0.0000	52.8759	106		70 - 130
2-Chlorotoluene	50.0000	0.0000	52.0877	104		75 - 125
1,3,5-Trimethylbenzene	50.0000	0.0000	52.8275	106		75 - 130
4-Chlorotoluene	50.0000	0.0000	51.5709	103		75 - 130
tert-Butylbenzene	50.0000	0.0000	52.7200	105		70 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	51.8608	104		75 - 130
sec-Butylbenzene	50.0000	0.0000	52.0654	104		70 - 125
4-Isopropyltoluene	50.0000	0.0000	52.4268	105		75 - 130
1,3-Dichlorobenzene	50.0000	0.0000	51.1639	102		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	51.2835	103		75 - 125
n-Butylbenzene	50.0000	0.0000	51.3543	103		70 - 135
1,2-Dichlorobenzene	50.0000	0.0000	51.5180	103		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	46.4655	93		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	52.6554	105		65 - 135
Hexachlorobutadiene	50.0000	0.0000	48.9209	98		50 - 140
1,2,3-Trichlorobenzene	50.0000	0.0000	51.7506	104		55 - 140
Naphthalene	50.0000	0.0000	49.7088	99		55 - 140

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

* Values outside of QC limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.: J0398

Mod. Ref No.:

SDG No.: SJ0398

Matrix Spike - EPA Sample No.: SMS-MW-13D

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS %REC	#	QC. LIMITS REC.
3,3'-Dichlorobenzidine	50.0000	0.0000	0.0000	0	*	20-110
Phenol	50.0000	0.0000	34.7201	69		0-115
Bis(2-chloroethyl)ether	50.0000	0.0000	34.5304	69		35-110
2-Chlorophenol	50.0000	0.0000	38.3532	77		35-105
1,3-Dichlorobenzene	50.0000	0.0000	33.0880	66		30-100
1,4-Dichlorobenzene	50.0000	0.0000	36.7471	73		30-100
1,2-Dichlorobenzene	50.0000	0.0000	37.0450	74		35-100
2-Methylphenol	50.0000	0.0000	47.4233	95		40-110
2,2'-oxybis(1-Chloropropan	50.0000	0.0000	37.7238	75		30-123
4-Methylphenol	50.0000	0.0000	48.8102	98		30-110
N-Nitroso-di-n-propylamine	50.0000	0.0000	46.6025	93		35-130
Hexachloroethane	50.0000	0.0000	33.6802	67		30-95
Nitrobenzene	50.0000	0.0000	43.8354	88		45-110
Isophorone	50.0000	0.0000	38.1628	76		50-110
2-Nitrophenol	50.0000	0.0000	37.4701	75		40-115
2,4-Dimethylphenol	50.0000	0.0000	49.9132	100		30-110
2,4-Dichlorophenol	50.0000	0.0000	44.8440	90		50-105
1,2,4-Trichlorobenzene	50.0000	0.0000	42.3356	85		35-105
Naphthalene	50.0000	0.0000	44.2494	88		40-100
4-Chloroaniline	50.0000	0.0000	10.8819	22		15-110
Bis(2-chloroethoxy)methane	50.0000	0.0000	33.4251	67		45-105
Hexachlorobutadiene	50.0000	0.0000	44.2556	89		25-105
4-Chloro-3-methylphenol	50.0000	0.0000	44.5876	89		45-110
2-Methylnaphthalene	50.0000	0.0000	43.8050	88		45-105
Hexachlorocyclopentadiene	50.0000	0.0000	21.2361	42		27-147
2,4,6-Trichlorophenol	50.0000	0.0000	41.2471	82		50-115
2,4,5-Trichlorophenol	50.0000	0.0000	50.9408	102		50-110
2-Chloronaphthalene	50.0000	0.0000	46.7945	94		50-105
2-Nitroaniline	50.0000	0.0000	42.4558	85		50-115
Dimethylphthalate	50.0000	0.0000	49.0537	98		25-125
Acenaphthylene	50.0000	0.0000	37.3189	75		50-105
2,6-Dinitrotoluene	50.0000	0.0000	45.7621	92		50-115
3-Nitroaniline	50.0000	0.0000	17.9839	36		20-125
Acenaphthene	50.0000	0.0000	40.3176	81		45-110
2,4-Dinitrophenol	50.0000	0.0000	50.1367	100		15-140
4-Nitrophenol	50.0000	0.0000	34.5455	69		0-125
Dibenzofuran	50.0000	0.0000	49.4498	99		55-105
2,4-Dinitrotoluene	50.0000	0.0000	46.7131	93		50-120
Diethylphthalate	50.0000	0.0000	39.7174	79		40-120
4-Chlorophenyl-phenylether	50.0000	0.0000	50.5222	101		50-110
Fluorene	50.0000	0.0000	40.4956	81		50-110
4-Nitroaniline	50.0000	0.0000	18.1012	36		35-120
4,6-Dinitro-2-methylphenol	50.0000	0.0000	45.5039	91		40-130
N-Nitrosodiphenylamine	50.0000	0.0000	31.8634	64		50-110

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.: J0398

Mod. Ref No.:

SDG No.: SJ0398

Matrix Spike - EPA Sample No.: SMS-MW-13D

4-Bromophenyl-phenylether	50.0000	0.0000	51.8408	104		50-115
Hexachlorobenzene	50.0000	0.0000	55.1915	110	*	50-110
Pentachlorophenol	50.0000	0.0000	48.5279	97		40-115
Phenanthrene	50.0000	0.0000	50.5114	101		50-115
Anthracene	50.0000	0.0000	41.9046	84		55-110
Carbazole	50.0000	0.0000	36.6862	73		50-115
Di-n-butylphthalate	50.0000	0.0000	40.2346	80		55-115
Fluoranthene	50.0000	0.0000	40.4134	81		55-115
Pyrene	50.0000	0.0000	51.6956	103		50-130
Butylbenzylphthalate	50.0000	0.0000	35.4010	71		45-115
Benzo(a)anthracene	50.0000	0.0000	37.5997	75		55-110
Chrysene	50.0000	0.0000	40.4183	81		55-110
Bis(2-ethylhexyl)phthalate	50.0000	0.0000	40.9143	82		40-125
Di-n-octylphthalate	50.0000	0.0000	47.5588	95		35-135
Benzo(b)fluoranthene	50.0000	0.0000	54.9615	110		45-120
Benzo(k)fluoranthene	50.0000	0.0000	47.8569	96		45-125
Benzo(a)pyrene	50.0000	0.0000	41.0141	82		55-110
Indeno(1,2,3-cd)pyrene	50.0000	0.0000	39.7213	79		45-125
Dibenzo(a,h)anthracene	50.0000	0.0000	41.3040	83		40-125
Benzo(g,h,i)perylene	50.0000	0.0000	37.3358	75		40-125

COMPOUND	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD %REC #		%RPD #		QC LIMITS	
							RPD	REC.
3,3'-Dichlorobenzidine	50.0000	0.0000	0	*			0-40	20-110
Phenol	50.0000	33.1095	66		5		0-40	0-115
Bis(2-chloroethyl)ether	50.0000	36.6968	73		6		0-40	35-110
2-Chlorophenol	50.0000	36.9240	74		4		0-40	35-105
1,3-Dichlorobenzene	50.0000	31.8287	64		4		0-40	30-100
1,4-Dichlorobenzene	50.0000	34.1503	68		7		0-40	30-100
1,2-Dichlorobenzene	50.0000	34.9394	70		6		0-40	35-100
2-Methylphenol	50.0000	43.1714	86		9		0-40	40-110
2,2'-oxybis(1-Chloropropan	50.0000	35.9093	72		5		0-40	30-123
4-Methylphenol	50.0000	44.4256	89		9		0-40	30-110
N-Nitroso-di-n-propylamine	50.0000	42.2164	84		10		0-40	35-130
Hexachloroethane	50.0000	32.4571	65		4		0-40	30-95
Nitrobenzene	50.0000	43.3400	87		1		0-40	45-110
Isophorone	50.0000	39.0146	78		2		0-40	50-110
2-Nitrophenol	50.0000	40.4472	81		8		0-40	40-115
2,4-Dimethylphenol	50.0000	49.1370	98		2		0-40	30-110
2,4-Dichlorophenol	50.0000	42.8205	86		5		0-40	50-105
1,2,4-Trichlorobenzene	50.0000	45.3583	91		7		0-40	35-105
Naphthalene	50.0000	44.7148	89		1		0-40	40-100
4-Chloroaniline	50.0000	19.9244	40		59	*	0-40	15-110
Bis(2-chloroethoxy)methane	50.0000	39.2398	78		16		0-40	45-105
Hexachlorobutadiene	50.0000	42.8916	86		3		0-40	25-105
4-Chloro-3-methylphenol	50.0000	43.0172	86		4		0-40	45-110

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.: J0398

Mod. Ref No.:

SDG No.: SJ0398

Matrix Spike - EPA Sample No.: SMS-MW-13D

2-Methylnaphthalene	50.0000	46.1169	92	5	0-40	45-105
Hexachlorocyclopentadiene	50.0000	16.8180	34	23	0-40	27-147
2,4,6-Trichlorophenol	50.0000	41.4349	83	0	0-40	50-115
2,4,5-Trichlorophenol	50.0000	45.3184	91	12	0-40	50-110
2-Chloronaphthalene	50.0000	44.5681	89	5	0-40	50-105
2-Nitroaniline	50.0000	41.0649	82	3	0-40	50-115
Dimethylphthalate	50.0000	39.9711	80	20	0-40	25-125
Acenaphthylene	50.0000	36.8516	74	1	0-40	50-105
2,6-Dinitrotoluene	50.0000	36.2438	72	23	0-40	50-115
3-Nitroaniline	50.0000	25.2621	51	34	0-40	20-125
Acenaphthene	50.0000	38.3836	77	5	0-40	45-110
2,4-Dinitrophenol	50.0000	45.6040	91	9	0-40	15-140
4-Nitrophenol	50.0000	28.6324	57	19	0-40	0-125
Dibenzofuran	50.0000	47.4449	95	4	0-40	55-105
2,4-Dinitrotoluene	50.0000	49.0021	98	5	0-40	50-120
Diethylphthalate	50.0000	37.9307	76	5	0-40	40-120
4-Chlorophenyl-phenylether	50.0000	47.5703	95	6	0-40	50-110
Fluorene	50.0000	39.3595	79	3	0-40	50-110
4-Nitroaniline	50.0000	23.5575	47	26	0-40	35-120
4,6-Dinitro-2-methylphenol	50.0000	42.6309	85	7	0-40	40-130
N-Nitrosodiphenylamine	50.0000	39.1266	78	20	0-40	50-110
4-Bromophenyl-phenylether	50.0000	49.3437	99	5	0-40	50-115
Hexachlorobenzene	50.0000	53.9686	108	2	0-40	50-110
Pentachlorophenol	50.0000	38.1054	76	24	0-40	40-115
Phenanthrene	50.0000	49.5612	99	2	0-40	50-115
Anthracene	50.0000	39.5067	79	6	0-40	55-110
Carbazole	50.0000	37.8995	76	3	0-40	50-115
Di-n-butylphthalate	50.0000	35.6037	71	12	0-40	55-115
Fluoranthene	50.0000	40.4641	81	0	0-40	55-115
Pyrene	50.0000	48.1736	96	7	0-40	50-130
Butylbenzylphthalate	50.0000	32.9571	66	7	0-40	45-115
Benzo(a)anthracene	50.0000	35.0887	70	7	0-40	55-110
Chrysene	50.0000	40.0441	80	1	0-40	55-110
Bis(2-ethylhexyl)phthalate	50.0000	36.9072	74	10	0-40	40-125
Di-n-octylphthalate	50.0000	39.8585	80	18	0-40	35-135
Benzo(b)fluoranthene	50.0000	45.5282	91	19	0-40	45-120
Benzo(k)fluoranthene	50.0000	41.6865	83	14	0-40	45-125
Benzo(a)pyrene	50.0000	34.4970	69	17	0-40	55-110
Indeno(1,2,3-cd)pyrene	50.0000	35.1087	70	12	0-40	45-125
Dibenzo(a,h)anthracene	50.0000	35.6946	71	15	0-40	40-125
Benzo(g,h,i)perylene	50.0000	33.5066	67	11	0-40	40-125

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

* Values outside of QC limits

RPD: 1 out of 64 outside limits

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract: _____
Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
Matrix Spike - EPA Sample No.: SMS-MW-13D

Spike Recovery: 3 out of 128 outside limits

COMMENTS: _____

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49849

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-49849 LCS Lot No.: _____
 Date Extracted: 03/16/2010 Date Analyzed (1): 03/18/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Phenol	50.0000	0.0000	36.2556	73		0 - 115
Bis(2-chloroethyl)ether	50.0000	0.0000	37.4489	75		35 - 110
2-Chlorophenol	50.0000	0.0000	38.4065	77		35 - 105
1,3-Dichlorobenzene	50.0000	0.0000	33.9548	68		30 - 100
1,4-Dichlorobenzene	50.0000	0.0000	33.0630	66		30 - 100
1,2-Dichlorobenzene	50.0000	0.0000	34.4462	69		35 - 100
2-Methylphenol	50.0000	0.0000	37.8136	76		40 - 110
2,2'-oxybis(1-Chloropropan	50.0000	0.0000	35.1618	70		30 - 123
4-Methylphenol	50.0000	0.0000	39.3574	79		30 - 110
N-Nitroso-di-n-propylamine	50.0000	0.0000	36.7817	74		35 - 130
Hexachloroethane	50.0000	0.0000	34.1115	68		30 - 95
Nitrobenzene	50.0000	0.0000	39.3881	79		45 - 110
Isophorone	50.0000	0.0000	38.6223	77		50 - 110
2-Nitrophenol	50.0000	0.0000	41.8861	84		40 - 115
2,4-Dimethylphenol	50.0000	0.0000	42.9809	86		30 - 110
2,4-Dichlorophenol	50.0000	0.0000	37.6433	75		50 - 105
1,2,4-Trichlorobenzene	50.0000	0.0000	36.5134	73		35 - 105
Naphthalene	50.0000	0.0000	38.3301	77		40 - 100
4-Chloroaniline	50.0000	0.0000	26.6492	53		15 - 110
Bis(2-chloroethoxy)methane	50.0000	0.0000	39.7473	79		45 - 105
Hexachlorobutadiene	50.0000	0.0000	34.8840	70		25 - 105
4-Chloro-3-methylphenol	50.0000	0.0000	42.6774	85		45 - 110
2-Methylnaphthalene	50.0000	0.0000	51.7271	103		45 - 105
Hexachlorocyclopentadiene	50.0000	0.0000	12.9551	26	*	27 - 147
2,4,6-Trichlorophenol	50.0000	0.0000	37.8558	76		50 - 115
2,4,5-Trichlorophenol	50.0000	0.0000	36.8714	74		50 - 110
2-Chloronaphthalene	50.0000	0.0000	38.4994	77		50 - 105
2-Nitroaniline	50.0000	0.0000	40.6773	81		50 - 115
Dimethylphthalate	50.0000	0.0000	39.3556	79		25 - 125
Acenaphthylene	50.0000	0.0000	39.3906	79		50 - 105
2,6-Dinitrotoluene	50.0000	0.0000	39.6308	79		50 - 115
3-Nitroaniline	50.0000	0.0000	33.0438	66		20 - 125
Acenaphthene	50.0000	0.0000	38.7382	77		45 - 110
2,4-Dinitrophenol	50.0000	0.0000	47.3082	95		15 - 140
4-Nitrophenol	50.0000	0.0000	54.1297	108		0 - 125
Dibenzofuran	50.0000	0.0000	38.8668	78		55 - 105
2,4-Dinitrotoluene	50.0000	0.0000	40.8086	82		50 - 120
Diethylphthalate	50.0000	0.0000	40.7258	81		40 - 120
4-Chlorophenyl-phenylether	50.0000	0.0000	38.8558	78		50 - 110
Fluorene	50.0000	0.0000	39.1231	78		50 - 110
4-Nitroaniline	50.0000	0.0000	37.6620	75		35 - 120
4,6-Dinitro-2-methylphenol	50.0000	0.0000	44.4937	89		40 - 130
N-Nitrosodiphenylamine	50.0000	0.0000	38.4079	77		50 - 110
4-Bromophenyl-phenylether	50.0000	0.0000	39.6854	79		50 - 115

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49849

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-49849 LCS Lot No.: _____
 Date Extracted: 03/16/2010 Date Analyzed (1): 03/18/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Hexachlorobenzene	50.0000	0.0000	38.7350	77		50 - 110
Pentachlorophenol	50.0000	0.0000	41.5529	83		40 - 115
Phenanthrene	50.0000	0.0000	41.3605	83		50 - 115
Anthracene	50.0000	0.0000	40.8843	82		55 - 110
Carbazole	50.0000	0.0000	41.5448	83		50 - 115
Di-n-butylphthalate	50.0000	0.0000	42.7379	85		55 - 115
Fluoranthene	50.0000	0.0000	41.7760	84		55 - 115
Pyrene	50.0000	0.0000	40.4909	81		50 - 130
Butylbenzylphthalate	50.0000	0.0000	41.1646	82		45 - 115
3,3'-Dichlorobenzidine	50.0000	0.0000	23.4626	47		20 - 110
Benzo(a)anthracene	50.0000	0.0000	41.9423	84		55 - 110
Chrysene	50.0000	0.0000	41.5402	83		55 - 110
Bis(2-ethylhexyl)phthalate	50.0000	0.0000	40.8969	82		40 - 125
Di-n-octylphthalate	50.0000	0.0000	41.3055	83		35 - 135
Benzo(b)fluoranthene	50.0000	0.0000	41.1411	82		45 - 120
Benzo(k)fluoranthene	50.0000	0.0000	39.4485	79		45 - 125
Benzo(a)pyrene	50.0000	0.0000	38.4860	77		55 - 110
Indeno(1,2,3-cd)pyrene	50.0000	0.0000	37.9068	76		45 - 125
Dibenzo(a,h)anthracene	50.0000	0.0000	37.8071	76		40 - 125
Benzo(g,h,i)perylene	50.0000	0.0000	38.2184	76		40 - 125

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

* Values outside of QC limits

Spike Recovery: 1 out of 64 outside limits

COMMENTS: _____

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49914

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-49914 LCS Lot No.: _____
 Date Extracted: 03/18/2010 Date Analyzed (1): 03/19/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Phenol	50.0000	0.0000	32.0901	64		0 - 115
Bis(2-chloroethyl) ether	50.0000	0.0000	35.3162	71		35 - 110
2-Chlorophenol	50.0000	0.0000	35.5447	71		35 - 105
1,3-Dichlorobenzene	50.0000	0.0000	30.3314	61		30 - 100
1,4-Dichlorobenzene	50.0000	0.0000	32.2469	64		30 - 100
1,2-Dichlorobenzene	50.0000	0.0000	32.5786	65		35 - 100
2-Methylphenol	50.0000	0.0000	42.9561	86		40 - 110
2,2'-oxybis(1-Chloropropan	50.0000	0.0000	33.3233	67		30 - 123
4-Methylphenol	50.0000	0.0000	44.7610	90		30 - 110
N-Nitroso-di-n-propylamine	50.0000	0.0000	43.3118	87		35 - 130
Hexachloroethane	50.0000	0.0000	31.2818	63		30 - 95
Nitrobenzene	50.0000	0.0000	44.8284	90		45 - 110
Isophorone	50.0000	0.0000	41.2021	82		50 - 110
2-Nitrophenol	50.0000	0.0000	39.3307	79		40 - 115
2,4-Dimethylphenol	50.0000	0.0000	54.7991	110		30 - 110
2,4-Dichlorophenol	50.0000	0.0000	46.3248	93		50 - 105
1,2,4-Trichlorobenzene	50.0000	0.0000	44.1089	88		35 - 105
Naphthalene	50.0000	0.0000	43.5218	87		40 - 100
4-Chloroaniline	50.0000	0.0000	27.4031	55		15 - 110
Bis(2-chloroethoxy)methane	50.0000	0.0000	41.0047	82		45 - 105
Hexachlorobutadiene	50.0000	0.0000	42.2636	85		25 - 105
4-Chloro-3-methylphenol	50.0000	0.0000	47.7086	95		45 - 110
2-Methylnaphthalene	50.0000	0.0000	45.8411	92		45 - 105
Hexachlorocyclopentadiene	50.0000	0.0000	30.8134	62		27 - 147
2,4,6-Trichlorophenol	50.0000	0.0000	45.1900	90		50 - 115
2,4,5-Trichlorophenol	50.0000	0.0000	45.0325	90		50 - 110
2-Chloronaphthalene	50.0000	0.0000	43.0136	86		50 - 105
2-Nitroaniline	50.0000	0.0000	40.8449	82		50 - 115
Dimethylphthalate	50.0000	0.0000	45.2247	90		25 - 125
Acenaphthylene	50.0000	0.0000	38.1356	76		50 - 105
2,6-Dinitrotoluene	50.0000	0.0000	41.9018	84		50 - 115
3-Nitroaniline	50.0000	0.0000	38.1823	76		20 - 125
Acenaphthene	50.0000	0.0000	40.2525	81		45 - 110
2,4-Dinitrophenol	50.0000	0.0000	46.4203	93		15 - 140
4-Nitrophenol	50.0000	0.0000	44.4300	89		0 - 125
Dibenzofuran	50.0000	0.0000	48.5758	97		55 - 105
2,4-Dinitrotoluene	50.0000	0.0000	41.9008	84		50 - 120
Diethylphthalate	50.0000	0.0000	42.2153	84		40 - 120
4-Chlorophenyl-phenylether	50.0000	0.0000	48.5199	97		50 - 110
Fluorene	50.0000	0.0000	43.8136	88		50 - 110
4-Nitroaniline	50.0000	0.0000	29.4266	59		35 - 120
4,6-Dinitro-2-methylphenol	50.0000	0.0000	41.3838	83		40 - 130
N-Nitrosodiphenylamine	50.0000	0.0000	39.1281	78		50 - 110
4-Bromophenyl-phenylether	50.0000	0.0000	55.9118	112		50 - 115

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49914

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCS-49914 LCS Lot No.: _____
 Date Extracted: 03/18/2010 Date Analyzed (1): 03/19/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Hexachlorobenzene	50.0000	0.0000	53.7232	107		50 - 110
Pentachlorophenol	50.0000	0.0000	43.4452	87		40 - 115
Phenanthrene	50.0000	0.0000	44.5931	89		50 - 115
Anthracene	50.0000	0.0000	49.1358	98		55 - 110
Carbazole	50.0000	0.0000	43.7226	87		50 - 115
Di-n-butylphthalate	50.0000	0.0000	40.9070	82		55 - 115
Fluoranthene	50.0000	0.0000	40.5071	81		55 - 115
Pyrene	50.0000	0.0000	47.8502	96		50 - 130
Butylbenzylphthalate	50.0000	0.0000	39.2518	79		45 - 115
3,3'-Dichlorobenzidine	50.0000	0.0000	12.1386	24		20 - 110
Benzo(a)anthracene	50.0000	0.0000	42.2063	84		55 - 110
Chrysene	50.0000	0.0000	50.2209	100		55 - 110
Bis(2-ethylhexyl)phthalate	50.0000	0.0000	36.7071	73		40 - 125
Di-n-octylphthalate	50.0000	0.0000	40.9148	82		35 - 135
Benzo(b)fluoranthene	50.0000	0.0000	42.5456	85		45 - 120
Benzo(k)fluoranthene	50.0000	0.0000	56.5303	113		45 - 125
Benzo(a)pyrene	50.0000	0.0000	40.8427	82		55 - 110
Indeno(1,2,3-cd)pyrene	50.0000	0.0000	39.1102	78		45 - 125
Dibenzo(a,h)anthracene	50.0000	0.0000	42.2775	85		40 - 125
Benzo(g,h,i)perylene	50.0000	0.0000	36.3808	73		40 - 125

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

* Values outside of QC limits

Spike Recovery: 0 out of 64 outside limits

COMMENTS:

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

LCSD-49849

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0398

Mod. Ref No.:

SDG No.: SJ0398

Lab Sample ID: LCSD-49849

LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC #		QC LIMITS		
			%RPD #		RPD	REC.	
Phenol	50.0000	39.9772	80		9	40	0 - 115
Bis(2-chloroethyl) ether	50.0000	39.1996	78		4	40	35 - 110
2-Chlorophenol	50.0000	40.5607	81		5	40	35 - 105
1,3-Dichlorobenzene	50.0000	34.3203	69		1	40	30 - 100
1,4-Dichlorobenzene	50.0000	34.7274	69		4	40	30 - 100
1,2-Dichlorobenzene	50.0000	35.4476	71		3	40	35 - 100
2-Methylphenol	50.0000	39.3410	79		4	40	40 - 110
2,2'-oxybis(1-Chloropropan	50.0000	37.1449	74		6	40	30 - 123
4-Methylphenol	50.0000	40.6916	81		3	40	30 - 110
N-Nitroso-di-n-propylamine	50.0000	39.0078	78		5	40	35 - 130
Hexachloroethane	50.0000	34.7361	69		1	40	30 - 95
Nitrobenzene	50.0000	39.8569	80		1	40	45 - 110
Isophorone	50.0000	40.3097	81		5	40	50 - 110
2-Nitrophenol	50.0000	43.3410	87		4	40	40 - 115
2,4-Dimethylphenol	50.0000	43.6464	87		1	40	30 - 110
2,4-Dichlorophenol	50.0000	42.5416	85		13	40	50 - 105
1,2,4-Trichlorobenzene	50.0000	37.0854	74		1	40	35 - 105
Naphthalene	50.0000	39.0432	78		1	40	40 - 100
4-Chloroaniline	50.0000	28.9237	58		9	40	15 - 110
Bis(2-chloroethoxy)methane	50.0000	40.9445	82		4	40	45 - 105
Hexachlorobutadiene	50.0000	35.0851	70		0	40	25 - 105
4-Chloro-3-methylphenol	50.0000	44.3404	89		5	40	45 - 110
2-Methylnaphthalene	50.0000	53.6488	107	*	4	40	45 - 105
Hexachlorocyclopentadiene	50.0000	16.0491	32		21	40	27 - 147
2,4,6-Trichlorophenol	50.0000	39.5792	79		4	40	50 - 115
2,4,5-Trichlorophenol	50.0000	38.6142	77		4	40	50 - 110
2-Chloronaphthalene	50.0000	39.2911	79		3	40	50 - 105
2-Nitroaniline	50.0000	41.4282	83		2	40	50 - 115
Dimethylphthalate	50.0000	40.2797	81		3	40	25 - 125
Acenaphthylene	50.0000	40.8667	82		4	40	50 - 105
2,6-Dinitrotoluene	50.0000	40.6771	81		3	40	50 - 115
3-Nitroaniline	50.0000	33.3126	67		2	40	20 - 125
Acenaphthene	50.0000	39.6177	79		3	40	45 - 110
2,4-Dinitrophenol	50.0000	47.3345	95		0	40	15 - 140
4-Nitrophenol	50.0000	57.5448	115		6	40	0 - 125
Dibenzofuran	50.0000	40.9588	82		5	40	55 - 105
2,4-Dinitrotoluene	50.0000	42.4427	85		4	40	50 - 120
Diethylphthalate	50.0000	41.6125	83		2	40	40 - 120
4-Chlorophenyl-phenylether	50.0000	40.8357	82		5	40	50 - 110
Fluorene	50.0000	40.3894	81		4	40	50 - 110
4-Nitroaniline	50.0000	39.3945	79		5	40	35 - 120
4,6-Dinitro-2-methylphenol	50.0000	44.3018	89		0	40	40 - 130
N-Nitrosodiphenylamine	50.0000	39.1616	78		1	40	50 - 110
4-Bromophenyl-phenylether	50.0000	40.0098	80		1	40	50 - 115
Hexachlorobenzene	50.0000	39.0693	78		1	40	50 - 110
Pentachlorophenol	50.0000	42.7074	85		2	40	40 - 115

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

LCSD-49849

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab Sample ID: LCSD-49849 LCS Lot No.: _____

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC #		%RPD #	QC LIMITS	
						RPD	REC.
Phenanthrene	50.0000	42.1957	84		1	40	50 - 115
Anthracene	50.0000	42.5209	85		4	40	55 - 110
Carbazole	50.0000	42.5619	85		2	40	50 - 115
Di-n-butylphthalate	50.0000	43.1991	86		1	40	55 - 115
Fluoranthene	50.0000	42.4693	85		1	40	55 - 115
Pyrene	50.0000	41.8447	84		4	40	50 - 130
Butylbenzylphthalate	50.0000	41.3474	83		1	40	45 - 115
3,3'-Dichlorobenzidine	50.0000	23.0909	46		2	40	20 - 110
Benzo(a)anthracene	50.0000	41.4428	83		1	40	55 - 110
Chrysene	50.0000	44.0641	88		6	40	55 - 110
Bis(2-ethylhexyl)phthalate	50.0000	41.6146	83		1	40	40 - 125
Di-n-octylphthalate	50.0000	41.3075	83		0	40	35 - 135
Benzo(b)fluoranthene	50.0000	43.8102	88		7	40	45 - 120
Benzo(k)fluoranthene	50.0000	39.1994	78		1	40	45 - 125
Benzo(a)pyrene	50.0000	39.7713	80		4	40	55 - 110
Indeno(1,2,3-cd)pyrene	50.0000	30.7235	61		22	40	45 - 125
Dibenzo(a,h)anthracene	50.0000	38.6022	77		1	40	40 - 125
Benzo(g,h,i)perylene	50.0000	39.7291	79		4	40	40 - 125

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

* Values outside of QC limits

RPD: 0 out of 64 outside limits

Spike Recovery: 1 out of 64 outside limits

COMMENTS: _____

U.S. EPA - CLP

5A

EPA SAMPLE NO.

SPIKE SAMPLE RECOVERY

SMS-MW-13DS

Lab Name: Mitkem Laboratories

Contract: D003821-41

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: SJ0398

Matrix (soil/water): WATER

Level (low/med): MED

% Solids for Sample: 0.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	8640	86.0 B	9100	94		P
Antimony	75-125	484	8.0 B	456	104		P
Arsenic	75-125	456	3.1 U	456	100		P
Barium	75-125	8920	75.4 B	9100	97		P
Beryllium	75-125	218	0.064 B	227	96		P
Cadmium	75-125	274	57.6	227	95		P
Chromium	75-125	877	20.0 B	910	94		P
Cobalt	75-125	2190	0.67 U	2270	96		P
Copper	75-125	1090	19.5 B	1130	95		P
Iron	75-125	4790	515	4550	94		P
Lead	75-125	447	4.2 B	455	97		P
Manganese	75-125	2190	18.5 B	2270	96		P
Nickel	75-125	2300	139	2270	95		P
Selenium	75-125	456	15.6 B	455	97		P
Silver	75-125	1090	2.4 U	1130	97		P
Thallium	75-125	445	5.7 U	455	98		P
Vanadium	75-125	2170	0.44 B	2270	95		P
Zinc	75-125	2180	60.4	2270	94		P
Mercury	75-125	4.5	0.056 U	4.6	98		CV

Comments:

U.S. EPA - CLP

6

EPA SAMPLE NO.

DUPLICATES

SMS-MW-13DD

Lab Name: Mitkem Laboratories Contract: D003821-41

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0398

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		86.0180	B	66.3511	B	25.8		P
Antimony		7.9924	B	4.2000	U	200		P
Arsenic		3.1000	U	3.4646	B	200		P
Barium		75.4446	B	75.5154	B	0.1		P
Beryllium		0.0635	B	0.0370	U	200		P
Cadmium		57.5877		56.6505		1.6		P
Calcium		13132.1268		12768.7276		2.8		P
Chromium	20.0	19.9588	B	20.2974		1.7		P
Cobalt		0.6700	U	0.6700	U			P
Copper		19.5050	B	18.0387	B	7.8		P
Iron	200.0	515.1237		473.4971		8.4		P
Lead		4.1551	B	2.1000	U	200		P
Magnesium		7394.0339		7319.1725		1		P
Manganese		18.4760	B	17.3147	B	6.5		P
Nickel	50.0	139.2486		138.2502		0.7		P
Potassium	1000.0	3472.8437		3458.7781		0.4		P
Selenium		15.6200	B	10.0000	U	200		P
Silver		2.4000	U	2.4000	U			P
Sodium		26092.5472		26013.0179		0.3		P
Thallium		5.7000	U	5.7000	U			P
Vanadium		0.4358	B	0.4037	B	7.6		P
Zinc	50.0	60.4123		57.9064		4.2		P
Mercury		0.0560	U	0.0560	U			CV

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-49928

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab File ID: V1L1913.D Lab Sample ID: MB-49928
 Instrument ID: V1
 Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 03/19/2010
 Level: (TRACE or LOW/MED) LOW Time Analyzed: 0:35
 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCS-49928	LCS-49928	V1L1910.D	23:14
02	LCSD-49928	LCSD-49928	V1L1911.D	23:42
03	TB-1	J0398-07A	V1L1914.D	1:02
04	TB-3	J0398-20A	V1L1915.D	1:29
05	SMS-MW-9	J0398-01A	V1L1916.D	1:56
06	SMS-MW-59	J0398-02A	V1L1917.D	2:23
07	SMS-MW-8	J0398-03A	V1L1918.D	7:05
08	SMS-MW-1	J0398-04A	V1L1919.D	7:32
09	SMS-MW-2	J0398-05A	V1L1920.D	7:59
10	SMS-MW-3	J0398-06A	V1L1921.D	8:26
11	SMS-MW-4	J0398-14A	V1L1922.D	8:53
12	SMS-MW-15	J0398-15A	V1L1923.D	9:20

COMMENTS:

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49928

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49928
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1913.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
MB-49928

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49928
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1913.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-49950

Lab Name: MITKEM LABORATORIES Contract: _____
Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
Lab File ID: V1L1935.D Lab Sample ID: MB-49950
Instrument ID: V1
Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 03/19/2010
Level: (TRACE or LOW/MED) LOW Time Analyzed: 12:07
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCS-49950	LCS-49950	V1L1932.D	10:35
02	SMS-MW-16S	J0398-16A	V1L1947.D	17:36
03	SMS-MW-16D	J0398-17A	V1L1948.D	18:03
04	SMS-MW-16M	J0398-18A	V1L1949.D	18:31

COMMENTS:

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49950

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49950
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1935.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49950

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49950
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L1935.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-50047

Lab Name: MITKEM LABORATORIES Contract: _____
Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
Lab File ID: V2L5033.D Lab Sample ID: MB-50047
Instrument ID: V2
Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 03/23/2010
Level: (TRACE or LOW/MED) LOW Time Analyzed: 13:38
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCS-50047	LCS-50047	V2L5031.D	12:45
02	TB-02	J0398-13A	V2L5034.D	14:14
03	SMS-MW-7	J0398-08A	V2L5037.D	15:34
04	SMS-MW-6	J0398-09A	V2L5038.D	16:00
05	SMS-MW-6D	J0398-10A	V2L5039.D	16:27

COMMENTS: _____

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
MB-50047

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-50047
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L5033.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/23/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
MB-50047

Lab Name: MITKEM LABORATORIES Contract: _____

Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-50047

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L5033.D

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

% Moisture: not dec. Date Analyzed: 03/23/2010

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

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

Purge Volume: 5.0 (mL)

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

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MB-50061

Lab Name: MITKEM LABORATORIES Contract: _____
Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
Lab File ID: V1L2064.D Lab Sample ID: MB-50061
Instrument ID: V1
Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 03/24/2010
Level: (TRACE or LOW/MED) LOW Time Analyzed: 8:56
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCS-50061	LCS-50061	V1L2062.D	8:01
02	SMS-MW-5	J0398-11A	V1L2065.D	9:23
03	SMS-MW-17	J0398-12A	V1L2066.D	9:50
04	SMS-MW-13DMS	J0398-19AMS	V1L2084.D	18:41
05	SMS-MW-13DMS D	J0398-19AMSD	V1L2085.D	19:08

COMMENTS: _____

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-50061

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-50061
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2064.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/24/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-50061

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-50061
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2064.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/24/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-50103

Lab Name: MITKEM LABORATORIES Contract: _____
Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
Lab File ID: V1L2094.D Lab Sample ID: MB-50103
Instrument ID: V1
Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 03/25/2010
Level: (TRACE or LOW/MED) LOW Time Analyzed: 9:32
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCS-50103	LCS-50103	V1L2092.D	8:24
02	SMS-MW-13D	J0398-19A	V1L2096.D	10:26

COMMENTS:

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-50103

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-50103
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2094.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/25/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-50103

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-50103
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L2094.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/25/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

4C - FORM IV SV
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-49849

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab File ID: S3G3435.D Lab Sample ID: MB-49849
 Instrument ID: S3 Date Extracted: 03/16/2010
 Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 03/18/2010
 Level: (LOW/MED) LOW Time Analyzed: 15:51
 Extraction: (Type) CONT GPC Cleanup: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LCS-49849	LCS-49849	S3G3436.D	03/18/2010
02	LCSD-49849	LCSD-49849	S3G3437.D	03/18/2010
03	SMS-MW-9	J0398-01C	S3G3441.D	03/18/2010
04	SMS-MW-59	J0398-02C	S3G3442.D	03/18/2010
05	SMS-MW-8	J0398-03C	S3G3443.D	03/18/2010
06	SMS-MW-1	J0398-04C	S3G3444.D	03/18/2010
07	SMS-MW-2	J0398-05C	S3G3445.D	03/18/2010
08	SMS-MW-3	J0398-06C	S3G3446.D	03/18/2010
09	SMS-MW-7	J0398-08C	S3G3447.D	03/18/2010
10	SMS-MW-6	J0398-09C	S3G3448.D	03/18/2010
11	SMS-MW-6D	J0398-10C	S3G3449.D	03/18/2010
12	SMS-MW-5	J0398-11C	S3G3450.D	03/18/2010
13	SMS-MW-17	J0398-12C	S3G3451.D	03/18/2010

COMMENTS:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MB-49849

Lab Name: MITKEM LABORATORIES Contract: _____

Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49849

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3435.D

Level: (LOW/MED) LOW Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) _____ Date Received: _____

Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	<u>µG/L</u>	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49849

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49849
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3G3435.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/16/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/18/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

4C - FORM IV SV
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-49914

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Lab File ID: S1G2615.D Lab Sample ID: MB-49914
 Instrument ID: S1 Date Extracted: 03/18/2010
 Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 03/19/2010
 Level: (LOW/MED) LOW Time Analyzed: 11:27
 Extraction: (Type) CONT GPC Cleanup: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LCS-49914	LCS-49914	S1G2616.D	03/19/2010
02	SMS-MW-4	J0398-14C	S1G2629.D	03/19/2010
03	SMS-MW-15	J0398-15C	S1G2630.D	03/19/2010
04	SMS-MW-16S	J0398-16C	S1G2631.D	03/19/2010
05	SMS-MW-16D	J0398-17C	S1G2632.D	03/19/2010
06	SMS-MW-16M	J0398-18C	S1G2633.D	03/19/2010
07	SMS-MW-13D	J0398-19C	S1G2634.D	03/19/2010
08	SMS-MW-13DMS	J0398-19CMS	S1G2635.D	03/19/2010
09	SMS-MW-13DMSD	J0398-19CMSD	S1G2636.D	03/19/2010

COMMENTS:

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
MB-49914

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49914
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2615.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49914

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49914
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2615.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/18/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/19/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories

Contract: D003821-41

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: SJ0398

Preparation Blank Matrix (soil/water): WATER

Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

MB-50021

FIMS1_100323A

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Mercury	0.056	U	0.092	B	0.151	B	0.056	U	0.056	U	CV

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories

Contract: D003821-41

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: SJ0398

Preparation Blank Matrix (soil/water): WATER

Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

MB-50099

FIMS1_100325A

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)				Preparation Blank		M		
		C	1	C	2	C	3	C			
Mercury	0.056	U	0.056	U					0.056	U	CV

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories

Contract: D003821-41

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: SJ0398

Preparation Blank Matrix (soil/water): WATER

Method Blank ID:

MB-49906

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

OPTIMA3_100323A

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Potassium	59.0	U	59.0	U	59.0	U	59.0	U	59.000	U	P
Sodium	29.0	U	38.1	B	30.0	B	29.0	U	40.513	B	P

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: D003821-41

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0398

Preparation Blank Matrix (soil/water): _____ Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____
OPTIMA3_100323A

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)				Preparation Blank		M
		C	1	C	2	C	3	C	
Potassium			59.0	U					P
Sodium			29.0	U					P

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories

Contract: D003821-41

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: SJ0398

Preparation Blank Matrix (soil/water): WATER

Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

MB-49906

OPTIMA3_100323D

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Aluminum	12.0	U	12.0	U	12.0	U	12.0	U	79.497	B	P
Antimony	4.7	B	6.5	B	4.9	B	4.2	U	11.380	B	P
Arsenic	3.1	U	3.1	U	3.1	U	3.1	U	4.601	B	P
Barium	2.9	U	2.9	U	2.9	U	2.9	U	2.900	U	P
Beryllium	0.1	B	0.1	B	0.1	B	0.1	B	0.109	B	P
Cadmium	0.5	U	0.5	U	0.5	U	0.5	U	0.500	U	P
Calcium	87.0	U	87.0	U	267.6	B	87.0	U	87.000	U	P
Chromium	0.5	U	0.5	U	0.5	U	0.5	U	0.500	U	P
Cobalt	0.7	U	0.7	U	0.7	U	0.7	U	0.670	U	P
Copper	4.7	U	4.7	U	4.7	U	4.7	U	4.700	U	P
Iron	47.0	U	47.0	U	47.0	U	47.0	U	109.280	B	P
Lead	2.1	U	2.1	U	2.1	U	2.1	U	3.009	B	P
Magnesium	62.0	U	62.0	U	62.0	U	62.0	U	92.297	B	P
Manganese	3.5	U	3.5	U	3.5	U	3.5	U	3.500	U	P
Nickel	0.6	U	0.6	U	0.6	U	0.6	U	0.640	U	P
Selenium	10.0	U	10.0	U	10.0	U	11.5	B	15.024	B	P
Silver	2.4	U	2.4	U	2.4	U	2.4	U	2.400	U	P
Thallium	5.7	U	5.7	U	-6.6	B	-6.3	B	5.700	U	P
Vanadium	0.6	B	0.3	U	0.4	B	0.3	U	0.340	U	P
Zinc	7.0	U	7.0	U	7.0	U	7.0	U	7.000	U	P

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories

Contract: D003821-41

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: SJ0398

Preparation Blank Matrix (soil/water): _____

Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

OPTIMA3_100323D

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Aluminum			12.0	U							P
Antimony			11.2	B							P
Arsenic			5.5	B							P
Barium			2.9	U							P
Beryllium			0.0	B							P
Cadmium			0.5	U							P
Calcium			139.2	B							P
Chromium			0.5	U							P
Cobalt			0.7	U							P
Copper			4.7	U							P
Iron			47.0	U							P
Lead			2.1	U							P
Magnesium			62.0	U							P
Manganese			3.5	U							P
Nickel			0.6	U							P
Selenium			10.8	B							P
Silver			2.4	U							P
Thallium			5.7	U							P
Vanadium			0.5	B							P
Zinc			7.0	U							P

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 03/17/2010 03/17/2010
 EPA Sample No. (VSTD#####): VSTD0501V Date Analyzed: 03/18/2010
 Lab File ID (Standard): V1L1909.D Time Analyzed: 22:47
 Instrument ID: V1 Heated Purge: (Y/N) N

	IS1 (S1)		IS2 (S2)		IS3 (S3)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	615772	6.69	442947	10.392	171190	13.218
UPPER LIMIT	1231544	7.19	885894	10.892	342380	13.718
LOWER LIMIT	307886	6.19	221474	9.892	85595	12.718
SAMPLE NO.						
01 LCS-49928	630424	6.699	447988	10.391	177986	13.227
02 LCSD-49928	625784	6.694	450084	10.397	174952	13.222
03 MB-49928	571042	6.689	394371	10.391	141316	13.217
04 TB-1	687996	6.699	486014	10.401	171510	13.217
05 TB-3	685180	6.695	479764	10.398	162684	13.214
06 SMS-MW-9	595354	6.699	412789	10.401	144036	13.217
07 SMS-MW-59	657972	6.700	462669	10.392	162587	13.218
08 SMS-MW-8	797033	6.686	557779	10.388	189577	13.214
09 SMS-MW-1	706136	6.690	506974	10.382	176162	13.218
10 SMS-MW-2	726371	6.686	497735	10.378	170920	13.213
11 SMS-MW-3	717928	6.685	505273	10.377	170455	13.213
12 SMS-MW-4	724437	6.686	506358	10.388	173483	13.214
13 SMS-MW-15	720161	6.684	506761	10.386	168526	13.212

IS1 () = Fluorobenzene

IS2 () = Chlorobenzene-d5

IS3 () = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of
internal standard area

AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of
internal standard area

RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles)
minutes of internal standard RT

RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles)
minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 03/17/2010 03/17/2010
 EPA Sample No. (VSTD#####): VSTD0501W Date Analyzed: 03/19/2010
 Lab File ID (Standard): VIL1931.D Time Analyzed: 9:58
 Instrument ID: V1 Heated Purge: (Y/N) N

	IS1 (S1)		IS2 (S2)		IS3 (S3)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	607652	6.679	443985	10.381	171993	13.207
UPPER LIMIT	1215304	7.179	887970	10.881	343986	13.707
LOWER LIMIT	303826	6.179	221993	9.881	85997	12.707
SAMPLE NO.						
01 LCS-49950	612446	6.681	437801	10.383	172141	13.209
02 MB-49950	661505	6.690	462581	10.392	164985	13.218
03 SMS-MW-16S	678011	6.690	478807	10.382	170083	13.218
04 SMS-MW-16D	677623	6.680	475353	10.373	166183	13.208
05 SMS-MW-16M	715428	6.679	497165	10.381	175586	13.207

IS1 () = Fluorobenzene

IS2 () = Chlorobenzene-d5

IS3 () = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area

AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area

RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles) minutes of internal standard RT

RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 03/17/2010 03/17/2010
 EPA Sample No. (VSTD#####): VSTD0501C Date Analyzed: 03/24/2010
 Lab File ID (Standard): V1L2061.D Time Analyzed: 7:23
 Instrument ID: V1 Heated Purge: (Y/N) N

	IS1 (S1)		IS2 (S2)		IS3 (S3)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	562836	6.719	396690	10.411	149026	13.237
UPPER LIMIT	1125672	7.219	793380	10.911	298052	13.737
LOWER LIMIT	281418	6.219	198345	9.911	74513	12.737
SAMPLE NO.						
01 LCS-50061	582613	6.719	409526	10.421	158153	13.237
02 MB-50061	563749	6.700	390925	10.402	132895	13.238
03 SMS-MW-5	601235	6.709	418100	10.411	138820	13.237
04 SMS-MW-17	600157	6.706	416546	10.408	137152	13.234
05 MB-50005	461919	6.709	317004	10.402	116317	13.237
06 SMS-MW-13DMS	468612	6.702	337303	10.394	127904	13.230
07 SMS-MW-13DMS D	575179	6.699	402071	10.401	154883	13.227

IS1 () = Fluorobenzene

IS2 () = Chlorobenzene-d5

IS3 () = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of
internal standard area

AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of
internal standard area

RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles)
minutes of internal standard RT

RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles)
minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 03/17/2010 03/17/2010
 EPA Sample No. (VSTD#####): VSTD0501E Date Analyzed: 03/25/2010
 Lab File ID (Standard): V1L2091.D Time Analyzed: 7:45
 Instrument ID: V1 Heated Purge: (Y/N) N

	IS1 (S1)		IS2 (S2)		IS3 (S3)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	661988	6.69	471764	10.392	177477	13.228
UPPER LIMIT	1323976	7.19	943528	10.892	354954	13.728
LOWER LIMIT	330994	6.19	235882	9.892	88739	12.728
SAMPLE NO.						
01 LCS-50103	637054	6.683	436684	10.376	170995	13.211
02 MB-50103	633971	6.674	433476	10.376	142016	13.202
03 SMS-MW-13D	553575	6.679	377944	10.381	127691	13.207

IS1 () = Fluorobenzene

IS2 () = Chlorobenzene-d5

IS3 () = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area

AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area

RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles) minutes of internal standard RT

RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 03/23/2010 03/23/2010
 EPA Sample No. (VSTD#####): VSTD0502I Date Analyzed: 03/23/2010
 Lab File ID (Standard): V2L5030.D Time Analyzed: 12:18
 Instrument ID: V2 Heated Purge: (Y/N) N

	IS1 (S1)		IS2 (S2)		IS3 (S3)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	2659535	6.749	1625363	10.488	830498	13.337
UPPER LIMIT	5319070	7.249	3250726	10.988	1660996	13.837
LOWER LIMIT	1329768	6.249	812682	9.988	415249	12.837
SAMPLE NO.						
01 LCS-50047	2210804	6.754	1363195	10.493	685960	13.342
02 MB-50047	2568825	6.760	1609445	10.489	837678	13.338
03 TB-02	2791876	6.763	1759979	10.492	916846	13.340
04 SMS-MW-7	2049904	6.760	1394245	10.499	743131	13.338
05 SMS-MW-6	2212516	6.760	1462672	10.499	738921	13.348
06 SMS-MW-6D	2367965	6.760	1653796	10.499	835411	13.348

IS1 () = Fluorobenzene

IS2 () = Chlorobenzene-d5

IS3 () = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area

AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area

RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles) minutes of internal standard RT

RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 GC Column: Rxi-5sil MS ID: 0.25 (mm) Init. Calib. Date(s): 02/04/2010 02/04/2010
 EPA Sample No. (SSTD020##): SSTD0503B Date Analyzed: 03/18/2010
 Lab File ID (Standard): S3G3431.D Time Analyzed: 14:13
 Instrument ID: S3

	IS1 (DCB)		IS2 (NPT)		IS3 (ANT)						
	AREA	#	RT	#	AREA	#	RT	#			
12 HOUR STD	23316		2.54		94085		3.576		59406		5.088
UPPER LIMIT	46632		3.04		188170		4.076		118812		5.588
LOWER LIMIT	11658		2.04		47043		3.076		29703		4.588
SAMPLE NO.											
01 MB-49849	25479		2.541		98590		3.577		63246		5.083
02 LCS-49849	31761		2.545		127144		3.576		82281		5.088
03 LCSD-49849	30731		2.541		124395		3.577		80757		5.089
04 SMS-MW-9	34000		2.543		130540		3.579		83693		5.091
05 SMS-MW-59	24632		2.545		95771		3.576		62230		5.087
06 SMS-MW-8	29497		2.545		109052		3.576		70254		5.088
07 SMS-MW-1	28559		2.543		111150		3.580		71016		5.086
08 SMS-MW-2	30572		2.543		121880		3.580		77436		5.086
09 SMS-MW-3	33190		2.546		126871		3.577		81689		5.088
10 SMS-MW-7	25843		2.544		97667		3.580		63184		5.087
11 SMS-MW-6	35219		2.546		136806		3.577		88209		5.089
12 SMS-MW-6D	27449		2.545		110496		3.576		70895		5.088
13 SMS-MW-5	32373		2.546		127095		3.577		81680		5.088
14 SMS-MW-17	26843		2.546		104737		3.577		68824		5.089

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = 200% of internal standard area

AREA LOWER LIMIT = 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 GC Column: Rxi-5sil MS ID: 0.25 (mm) Init. Calib. Date(s): 02/09/2010 02/09/2010
 EPA Sample No. (SSTD020##): SSTD0501H Date Analyzed: 03/19/2010
 Lab File ID (Standard): S1G2611.D Time Analyzed: 9:52
 Instrument ID: S1

	IS1 (DCB)		IS2 (NPT)		IS3 (ANT)						
	AREA	#	RT	#	AREA	#	RT	#			
12 HOUR STD	405709		3.673		1259813		4.818		932125		6.503
UPPER LIMIT	811418		4.173		2519626		5.318		1864250		7.003
LOWER LIMIT	202855		3.173		629907		4.318		466063		6.003
SAMPLE NO.											
01 MB-49914	309710		3.662		1018561		4.818		722537		6.482
02 LCS-49914	389203		3.672		1143944		4.817		833251		6.492
03 SMS-MW-4	293576		3.671		1030030		4.816		689727		6.491
04 SMS-MW-15	306573		3.670		1044245		4.816		709291		6.490
05 SMS-MW-16S	326213		3.669		1110713		4.815		790241		6.489
06 SMS-MW-16D	308889		3.670		1058586		4.815		737061		6.490
07 SMS-MW-16M	300867		3.660		1030013		4.816		709105		6.491
08 SMS-MW-13D	305846		3.670		1050054		4.815		703390		6.489
09 SMS-MW-13DMS	378259		3.674		1225047		4.819		819805		6.493
10 SMS-MW-13DMS D	331938		3.670		1012054		4.816		698142		6.490

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = 200% of internal standard area

AREA LOWER LIMIT = 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 EPA Sample No. (SSTD020##): SSTD0503B Date Analyzed: 03/18/2010
 Lab File ID (Standard): S3G3431.D Time Analyzed: 14:13
 Instrument ID: S3 GC Column: Rxi-5sil MS ID: 0.25 (mm)

		IS4 (PHN)		IS5 (CRY)		IS6 (PRY)						
		AREA	#	RT	#	AREA	#	RT	#			
	12 HOUR STD	100569		6.37		113652		8.673		106215		9.811
	UPPER LIMIT	201138		6.87		227304		9.173		212430		10.311
	LOWER LIMIT	50285		5.87		56826		8.173		53108		9.311
	SAMPLE NO.											
01	MB-49849	108116		6.366		128472		8.668		113794		9.806
02	LCS-49849	135823		6.370		159768		8.678		149355		9.816
03	LCSD-49849	135881		6.371		159809		8.673		150205		9.817
04	SMS-MW-9	139028		6.373		157738		8.676		142252		9.819
05	SMS-MW-59	108866		6.370		131148		8.672		118277		9.815
06	SMS-MW-8	117874		6.370		134043		8.673		118451		9.816
07	SMS-MW-1	119571		6.368		140486		8.671		124809		9.814
08	SMS-MW-2	134197		6.374		156387		8.676		138499		9.814
09	SMS-MW-3	138139		6.370		163318		8.673		143489		9.816
10	SMS-MW-7	108397		6.369		125326		8.671		112196		9.814
11	SMS-MW-6	147421		6.376		175308		8.673		155294		9.822
12	SMS-MW-6D	119087		6.370		136111		8.673		122861		9.816
13	SMS-MW-5	134069		6.371		151825		8.673		135707		9.816
14	SMS-MW-17	117497		6.371		131047		8.674		114754		9.812

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = 200% of internal standard area

AREA LOWER LIMIT = 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0398 Mod. Ref No.: _____ SDG No.: SJ0398
 EPA Sample No. (SSTD020##): SSTD0501H Date Analyzed: 03/19/2010
 Lab File ID (Standard): S1G2611.D Time Analyzed: 9:52
 Instrument ID: S1 GC Column: Rxi-5sil MS ID: 0.25 (mm)

	IS4 (PHN)		IS5 (CRY)		IS6 (PRY)						
	AREA	#	RT	#	AREA	#	RT	#			
12 HOUR STD	1060569		7.929		968692		10.5		530739		11.775
UPPER LIMIT	2121138		8.429		1937384		11		1061478		12.275
LOWER LIMIT	530285		7.429		484346		10		265370		11.275
SAMPLE NO.											
01 MB-49914	1085174		7.919		1115235		10.479		738832		11.765
02 LCS-49914	1091985		7.929		946772		10.489		580500		11.775
03 SMS-MW-4	898037		7.917		705270		10.478		447160		11.763
04 SMS-MW-15	881378		7.916		655682		10.477		377866		11.762
05 SMS-MW-16S	952555		7.915		697075		10.476		408543		11.761
06 SMS-MW-16D	872771		7.916		652792		10.476		398136		11.762
07 SMS-MW-16M	946615		7.917		664216		10.477		349104		11.763
08 SMS-MW-13D	863202		7.915		614192		10.476		338891		11.762
09 SMS-MW-13DMS	1111189		7.919		832977		10.491		391157		11.766
10 SMS-MW-13DMS D	883297		7.916		651384		10.487		332620		11.762

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = 200% of internal standard area

AREA LOWER LIMIT = 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

Report Date:
08-Apr-10 14:04



- Final Report
- Re-Issued Report
- Revised Report

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

Laboratory Report

AECOM Technical Services, Inc.
300 Broadacres Drive
Bloomfield, NJ 07003

Work Order: J0445
Project : SMS Instruments, 152026
Project #:

Attn: Paul Kareth

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
J0445-01	SMS-MW-14	Aqueous	12-Mar-10 08:50	13-Mar-10 08:50
J0445-02	SMS-MW-13	Aqueous	12-Mar-10 09:40	13-Mar-10 08:50
J0445-03	SMS-MW-12	Aqueous	12-Mar-10 10:40	13-Mar-10 08:50
J0445-04	TB-4	Aqueous	12-Mar-10 00:00	13-Mar-10 08:50

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. The results relate only to the samples(s) as received.

All applicable NELAC or USEPA CLP requirements have been met.

Mitkem Laboratories is accredited under the National Environmental Laboratory Approval Program (NELAP) and is certified by several States, as well as USEPA and US Department of Defense. The current list of our laboratory approvals and certifications is available on the Certifications page our web site at www.mitkem.com.

Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

Department of Defense	N/A
Connecticut	PH-0153
Delaware	N/A
Maine	2007037
Massachusetts	M-RI907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Pennsylvania	68-00520
Rhode Island	LAI00301
Texas	T104704422-08-TX
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-05-030



Authorized by:

Yihai Ding
Laboratory Director

Technical Reviewer's Initials:



*** Data Summary Pack ***

Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : J0445

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
SMS-MW-14	J0445-01	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-14	J0445-01				SW7470	
SMS-MW-13	J0445-02	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-13	J0445-02				SW7470	
SMS-MW-12	J0445-03	SW8260_W	SW8270_W		SW6010_W	
SMS-MW-12	J0445-03				SW7470	
TB-4	J0445-04	SW8260_W				

Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : J0445

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260_W					
J0445-01A	AQ	3/12/2010	3/13/2010	NA	3/19/2010
J0445-02A	AQ	3/12/2010	3/13/2010	NA	3/19/2010
J0445-03A	AQ	3/12/2010	3/13/2010	NA	3/19/2010
J0445-04A	AQ	3/12/2010	3/13/2010	NA	3/19/2010

Mitkem Laboratories

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

Project Name : SMS Instruments. 152026

SDG : J0445

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8270_W					
J0445-01C	AQ	3/12/2010	3/13/2010	3/19/2010	3/20/2010
J0445-02C	AQ	3/12/2010	3/13/2010	3/19/2010	3/20/2010
J0445-03C	AQ	3/12/2010	3/13/2010	3/19/2010	3/20/2010

Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : J0445

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260_W					
J0445-01A	AQ	SW8260_W	NA	LOW	1
J0445-02A	AQ	SW8260_W	NA	LOW	1
J0445-03A	AQ	SW8260_W	NA	LOW	1
J0445-04A	AQ	SW8260_W	NA	LOW	1

Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : J0445

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
SW8270_W					
J0445-01C	AQ	SW8270_W	3520C	NA	1
J0445-02C	AQ	SW8270_W	3520C	NA	1
J0445-03C	AQ	SW8270_W	3520C	NA	1

Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : J0445

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SW6010_W				
J0445-01B	AQ	SW6010_W	3/13/2010	3/25/2010
J0445-02B	AQ	SW6010_W	3/13/2010	3/25/2010
J0445-03B	AQ	SW6010_W	3/13/2010	3/25/2010
SW7470				
J0445-01B	AQ	SW7470	3/13/2010	3/25/2010
J0445-02B	AQ	SW7470	3/13/2010	3/25/2010
J0445-03B	AQ	SW7470	3/13/2010	3/25/2010

Analytical Data Package for Earth Tech Northeast, Inc.

Client Project: SMS Instruments

SDG# SJ0445

Mitkem Work Order ID: J0445

April 8, 2010

Prepared For: Earth Tech – AECOM
300 Broadacres Drive
Bloomfield, NJ 07003
Attn: Mr. Paul Kareth

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

SDG Narrative

Mitkem Laboratories 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 March 13, 2010. Analyses were performed per specifications in the project's contract and 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 (2000update) 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/lab control sample duplicate: 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 high recovery of hexachlorobenzene and low recovery of 3,3'-dichlorobenzidine in LCS-49951. Replicate RPDs were within the QC limits with the exception of 4-chloroaniline, 3-nitroaniline and 3,3'-dichlorobenzidine.

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

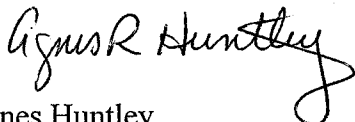
4. Metals Analysis:

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 Huntley
CLP Project Manager
04/08/10

WorkOrder: J0445

03/18/2010 12:56

Mitkem Laboratories

Client ID: EARTH_NJ

Project: SMS Instruments, 152026

WO Name: SMS Instruments, 152026

Location: SMS,

Case:

SDG:

PO: D003821-41

HC Due: 04/05/10

Report Level: ASP-B

Fax Due: 03/29/10

Special Program:

Fax Report:

EDD: CLF

Comments: Collection times taken from sample bottle labels.

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
J0445-01A	SMS-MW-14	03/12/2010 08:50	03/13/2010	Aqueous	SW8260_W	/					VOA
J0445-01B	SMS-MW-14	03/12/2010 08:50	03/13/2010	Aqueous	SW6010_W	/TAL				Y	M6
J0445-01B	SMS-MW-14	03/12/2010 08:50	03/13/2010	Aqueous	SW7470	/TAL					M6
J0445-01C	SMS-MW-14	03/12/2010 08:50	03/13/2010	Aqueous	SW8270_W	/					D3
J0445-02A	SMS-MW-13	03/12/2010 09:40	03/13/2010	Aqueous	SW8260_W	/					VOA
J0445-02B	SMS-MW-13	03/12/2010 09:40	03/13/2010	Aqueous	SW6010_W	/TAL				Y	M6
J0445-02B	SMS-MW-13	03/12/2010 09:40	03/13/2010	Aqueous	SW7470	/TAL					M6
J0445-02C	SMS-MW-13	03/12/2010 09:40	03/13/2010	Aqueous	SW8270_W	/					D3
J0445-03A	SMS-MW-12	03/12/2010 10:40	03/13/2010	Aqueous	SW8260_W	/					VOA
J0445-03B	SMS-MW-12	03/12/2010 10:40	03/13/2010	Aqueous	SW6010_W	/TAL				Y	M6
J0445-03B	SMS-MW-12	03/12/2010 10:40	03/13/2010	Aqueous	SW7470	/TAL					M6
J0445-03C	SMS-MW-12	03/12/2010 10:40	03/13/2010	Aqueous	SW8270_W	/					D3
J0445-04A	TB-4	03/12/2010 00:00	03/13/2010	Aqueous	SW8260_W	/					VOA

0004

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-14

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-01A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4960.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/13/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-14

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-01A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4960.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/13/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-02A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4961.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/13/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-02A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4961.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/13/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-12

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-03A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4962.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/13/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-12

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-03A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4962.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/13/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-4

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-04A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4958.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/13/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		5.0	U
74-87-3	Chloromethane		5.0	U
75-01-4	Vinyl chloride		5.0	U
74-83-9	Bromomethane		5.0	U
75-00-3	Chloroethane		5.0	U
75-69-4	Trichlorofluoromethane		5.0	U
75-35-4	1,1-Dichloroethene		5.0	U
67-64-1	Acetone		5.0	U
74-88-4	Iodomethane		5.0	U
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		5.0	U
156-60-5	trans-1,2-Dichloroethene		5.0	U
1634-04-4	Methyl tert-butyl ether		5.0	U
75-34-3	1,1-Dichloroethane		5.0	U
108-05-4	Vinyl acetate		5.0	U
78-93-3	2-Butanone		5.0	U
156-59-2	cis-1,2-Dichloroethene		5.0	U
594-20-7	2,2-Dichloropropane		5.0	U
74-97-5	Bromochloromethane		5.0	U
67-66-3	Chloroform		5.0	U
71-55-6	1,1,1-Trichloroethane		5.0	U
563-58-6	1,1-Dichloropropene		5.0	U
56-23-5	Carbon tetrachloride		5.0	U
107-06-2	1,2-Dichloroethane		5.0	U
71-43-2	Benzene		5.0	U
79-01-6	Trichloroethene		5.0	U
78-87-5	1,2-Dichloropropane		5.0	U
74-95-3	Dibromomethane		5.0	U
75-27-4	Bromodichloromethane		5.0	U
10061-01-5	cis-1,3-Dichloropropene		5.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		1.5	J
10061-02-6	trans-1,3-Dichloropropene		5.0	U
79-00-5	1,1,2-Trichloroethane		5.0	U
142-28-9	1,3-Dichloropropane		5.0	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-4

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-04A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4958.D
 Level: (TRACE/LOW/MED) LOW Date Received: 03/13/2010
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49958

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49958
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4953.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49958

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49958
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4953.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49958

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-49958
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4954.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		47	
74-87-3	Chloromethane		50	
75-01-4	Vinyl chloride		54	
74-83-9	Bromomethane		57	
75-00-3	Chloroethane		57	
75-69-4	Trichlorofluoromethane		44	
75-35-4	1,1-Dichloroethene		49	
67-64-1	Acetone		45	
74-88-4	Iodomethane		49	
75-15-0	Carbon disulfide		50	
75-09-2	Methylene chloride		49	B
156-60-5	trans-1,2-Dichloroethene		49	
1634-04-4	Methyl tert-butyl ether		47	
75-34-3	1,1-Dichloroethane		48	
108-05-4	Vinyl acetate		47	
78-93-3	2-Butanone		49	
156-59-2	cis-1,2-Dichloroethene		50	
594-20-7	2,2-Dichloropropane		48	
74-97-5	Bromochloromethane		50	
67-66-3	Chloroform		48	
71-55-6	1,1,1-Trichloroethane		48	
563-58-6	1,1-Dichloropropene		49	
56-23-5	Carbon tetrachloride		48	
107-06-2	1,2-Dichloroethane		47	
71-43-2	Benzene		49	
79-01-6	Trichloroethene		49	
78-87-5	1,2-Dichloropropane		49	
74-95-3	Dibromomethane		48	
75-27-4	Bromodichloromethane		50	
10061-01-5	cis-1,3-Dichloropropene		49	
108-10-1	4-Methyl-2-pentanone		47	
108-88-3	Toluene		49	
10061-02-6	trans-1,3-Dichloropropene		48	
79-00-5	1,1,2-Trichloroethane		49	
142-28-9	1,3-Dichloropropane		49	

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49958

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-49958
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4954.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-14

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-01C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2652.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/13/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/19/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/20/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-14

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-01C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2652.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/13/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/19/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/20/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-02C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2653.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/13/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/19/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/20/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	µG/L
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
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	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
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-13

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-02C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2653.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/13/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/19/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/20/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-12

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-03C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2654.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/13/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/19/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/20/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SMS-MW-12

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0445-03C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2654.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/13/2010
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/19/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/20/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49951

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49951
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2650.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/19/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/20/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
108-95-2	Phenol		37	
111-44-4	Bis(2-chloroethyl) ether		32	
95-57-8	2-Chlorophenol		37	
541-73-1	1,3-Dichlorobenzene		31	
106-46-7	1,4-Dichlorobenzene		33	
95-50-1	1,2-Dichlorobenzene		33	
95-48-7	2-Methylphenol		40	
108-60-1	2,2'-oxybis(1-Chloropropane)		35	
106-44-5	4-Methylphenol		41	
621-64-7	N-Nitroso-di-n-propylamine		37	
67-72-1	Hexachloroethane		33	
98-95-3	Nitrobenzene		46	
78-59-1	Isophorone		39	
88-75-5	2-Nitrophenol		38	
105-67-9	2,4-Dimethylphenol		54	
120-83-2	2,4-Dichlorophenol		43	
120-82-1	1,2,4-Trichlorobenzene		44	
91-20-3	Naphthalene		45	
106-47-8	4-Chloroaniline		17	
111-91-1	Bis(2-chloroethoxy)methane		30	
87-68-3	Hexachlorobutadiene		43	
59-50-7	4-Chloro-3-methylphenol		45	
91-57-6	2-Methylnaphthalene		44	
77-47-4	Hexachlorocyclopentadiene		19	
88-06-2	2,4,6-Trichlorophenol		45	
95-95-4	2,4,5-Trichlorophenol		46	
91-58-7	2-Chloronaphthalene		42	
88-74-4	2-Nitroaniline		38	
131-11-3	Dimethylphthalate		45	
208-96-8	Acenaphthylene		31	
606-20-2	2,6-Dinitrotoluene		37	
99-09-2	3-Nitroaniline		22	
83-32-9	Acenaphthene		36	
51-28-5	2,4-Dinitrophenol		46	
100-02-7	4-Nitrophenol		38	
132-64-9	Dibenzofuran		46	

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCS-49951

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49951
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2650.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/19/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/20/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
121-14-2	2,4-Dinitrotoluene		43	
84-66-2	Diethylphthalate		39	
7005-72-3	4-Chlorophenyl-phenylether		48	
86-73-7	Fluorene		41	
100-01-6	4-Nitroaniline		33	
534-52-1	4,6-Dinitro-2-methylphenol		48	
86-30-6	N-Nitrosodiphenylamine		30	
101-55-3	4-Bromophenyl-phenylether		50	
118-74-1	Hexachlorobenzene		56	
87-86-5	Pentachlorophenol		51	
85-01-8	Phenanthrene		45	
120-12-7	Anthracene		43	
86-74-8	Carbazole		37	
84-74-2	Di-n-butylphthalate		40	
206-44-0	Fluoranthene		49	
129-00-0	Pyrene		33	
85-68-7	Butylbenzylphthalate		29	
91-94-1	3,3'-Dichlorobenzidine		2.9	J
56-55-3	Benzo(a)anthracene		42	
218-01-9	Chrysene		43	
117-81-7	Bis(2-ethylhexyl)phthalate		34	
117-84-0	Di-n-octylphthalate		39	
205-99-2	Benzo(b)fluoranthene		45	
207-08-9	Benzo(k)fluoranthene		56	
50-32-8	Benzo(a)pyrene		40	
193-39-5	Indeno(1,2,3-cd)pyrene		40	
53-70-3	Dibenzo(a,h)anthracene		44	
191-24-2	Benzo(g,h,i)perylene		36	

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCSD-49951

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-49951
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2651.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/19/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/20/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
108-95-2	Phenol		30	
111-44-4	Bis(2-chloroethyl)ether		34	
95-57-8	2-Chlorophenol		35	
541-73-1	1,3-Dichlorobenzene		30	
106-46-7	1,4-Dichlorobenzene		33	
95-50-1	1,2-Dichlorobenzene		33	
95-48-7	2-Methylphenol		39	
108-60-1	2,2'-oxybis(1-Chloropropane)		34	
106-44-5	4-Methylphenol		37	
621-64-7	N-Nitroso-di-n-propylamine		40	
67-72-1	Hexachloroethane		30	
98-95-3	Nitrobenzene		35	
78-59-1	Isophorone		36	
88-75-5	2-Nitrophenol		38	
105-67-9	2,4-Dimethylphenol		42	
120-83-2	2,4-Dichlorophenol		39	
120-82-1	1,2,4-Trichlorobenzene		38	
91-20-3	Naphthalene		41	
106-47-8	4-Chloroaniline		35	
111-91-1	Bis(2-chloroethoxy)methane		35	
87-68-3	Hexachlorobutadiene		40	
59-50-7	4-Chloro-3-methylphenol		42	
91-57-6	2-Methylnaphthalene		32	
77-47-4	Hexachlorocyclopentadiene		21	
88-06-2	2,4,6-Trichlorophenol		45	
95-95-4	2,4,5-Trichlorophenol		40	
91-58-7	2-Chloronaphthalene		40	
88-74-4	2-Nitroaniline		39	
131-11-3	Dimethylphthalate		41	
208-96-8	Acenaphthylene		38	
606-20-2	2,6-Dinitrotoluene		35	
99-09-2	3-Nitroaniline		38	
83-32-9	Acenaphthene		38	
51-28-5	2,4-Dinitrophenol		44	
100-02-7	4-Nitrophenol		39	
132-64-9	Dibenzofuran		40	

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49951

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-49951
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2651.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/19/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/20/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
121-14-2	2,4-Dinitrotoluene		49	
84-66-2	Diethylphthalate		38	
7005-72-3	4-Chlorophenyl-phenylether		43	
86-73-7	Fluorene		45	
100-01-6	4-Nitroaniline		36	
534-52-1	4,6-Dinitro-2-methylphenol		48	
86-30-6	N-Nitrosodiphenylamine		42	
101-55-3	4-Bromophenyl-phenylether		53	
118-74-1	Hexachlorobenzene		52	
87-86-5	Pentachlorophenol		53	
85-01-8	Phenanthrene		40	
120-12-7	Anthracene		48	
86-74-8	Carbazole		45	
84-74-2	Di-n-butylphthalate		40	
206-44-0	Fluoranthene		43	
129-00-0	Pyrene		33	
85-68-7	Butylbenzylphthalate		29	
91-94-1	3,3'-Dichlorobenzidine		34	
56-55-3	Benzo(a)anthracene		37	
218-01-9	Chrysene		38	
117-81-7	Bis(2-ethylhexyl)phthalate		34	
117-84-0	Di-n-octylphthalate		34	
205-99-2	Benzo(b)fluoranthene		46	
207-08-9	Benzo(k)fluoranthene		44	
50-32-8	Benzo(a)pyrene		43	
193-39-5	Indeno(1,2,3-cd)pyrene		40	
53-70-3	Dibenzo(a,h)anthracene		41	
191-24-2	Benzo(g,h,i)perylene		36	

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-12

Lab Name: Mitkem Laboratories Contract: D003821-41
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0445
 Matrix (soil/water): WATER Lab Sample ID: J0445-03
 Level (low/med): MED Date Received: 03/13/2010
 % 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	211			P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	3.3	B		P
7440-39-3	Barium	29.2	B		P
7440-41-7	Beryllium	0.037	U		P
7440-43-9	Cadmium	0.63	B		P
7440-70-2	Calcium	12500			P
7440-47-3	Chromium	1.2	B		P
7440-48-4	Cobalt	1.4	B		P
7440-50-8	Copper	10.9	B		P
7439-89-6	Iron	35100			P
7439-92-1	Lead	2.1	U		P
7439-95-4	Magnesium	848			P
7439-96-5	Manganese	468			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	3.4	B		P
7440-09-7	Potassium	4760			P
7782-49-2	Selenium	12.0	B		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	5970			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	0.76	B		P
7440-66-6	Zinc	26.8	B		P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-13

Lab Name: Mitkem LaboratoriesContract: D003821-41Lab Code: MITKEM Case No.: _____

SAS No.: _____

SDG No.: SJ0445Matrix (soil/water): WATERLab Sample ID: J0445-02Level (low/med): MEDDate Received: 03/13/2010% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	145	B		P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	7.6	B		P
7440-39-3	Barium	16.3	B		P
7440-41-7	Beryllium	0.037	U		P
7440-43-9	Cadmium	1.1	B		P
7440-70-2	Calcium	5260			P
7440-47-3	Chromium	3.3	B		P
7440-48-4	Cobalt	3.8	B		P
7440-50-8	Copper	11.0	B		P
7439-89-6	Iron	28600			P
7439-92-1	Lead	2.1	U		P
7439-95-4	Magnesium	677			P
7439-96-5	Manganese	434			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	5.5	B		P
7440-09-7	Potassium	18300			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	12400			P
7440-28-0	Thallium	9.7	B		P
7440-62-2	Vanadium	1.1	B		P
7440-66-6	Zinc	68.0			P

Comments:

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SMS-MW-14

Lab Name: Mitkem Laboratories Contract: D003821-41
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0445
 Matrix (soil/water): WATER Lab Sample ID: J0445-01
 Level (low/med): MED Date Received: 03/13/2010
 % 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	229			P
7440-36-0	Antimony	8.5	B		P
7440-38-2	Arsenic	5.3	B		P
7440-39-3	Barium	31.0	B		P
7440-41-7	Beryllium	0.037	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	16100			P
7440-47-3	Chromium	1.2	B		P
7440-48-4	Cobalt	0.72	B		P
7440-50-8	Copper	9.1	B		P
7439-89-6	Iron	63000			P
7439-92-1	Lead	2.1	U		P
7439-95-4	Magnesium	1810			P
7439-96-5	Manganese	350			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	2.7	B		P
7440-09-7	Potassium	9900			P
7782-49-2	Selenium	13.0	B		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	9680			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	0.38	B		P
7440-66-6	Zinc	17.7	B		P

Comments:

U.S. EPA - CLP

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LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: D003821-41

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0445

Solid LCS Source: _____ LCS(D) ID: _____

Aqueous LCS Source: _____ LCS-50093

Analyte	Aqueous (ug/L)			Solid (mg/Kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	9100.0	9128.89	100.3					
Antimony	455.0	488.43	107.3					
Arsenic	455.0	462.85	101.7					
Barium	9100.0	8784.71	96.5					
Beryllium	227.0	233.37	102.8					
Cadmium	227.0	246.60	108.6					
Calcium	22700.0	22896.46	100.9					
Chromium	910.0	897.63	98.6					
Cobalt	2270.0	2333.61	102.8					
Copper	1130.0	1083.89	95.9					
Iron	4550.0	4666.91	102.6					
Lead	455.0	482.29	106.0					
Magnesium	22700.0	22608.95	99.6					
Manganese	2270.0	2395.74	105.5					
Nickel	2270.0	2300.96	101.4					
Potassium	22700.0	21492.99	94.7					
Selenium	455.0	475.10	104.4					
Silver	1130.0	1137.66	100.7					
Sodium	22700.0	21844.92	96.2					
Thallium	455.0	494.27	108.6					
Vanadium	2270.0	2279.23	100.4					
Zinc	2270.0	2373.10	104.5					

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: D003821-41

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0445

Solid LCS Source: _____ LCS(D) ID: _____

Aqueous LCS Source: _____ LCS-50100

Analyte	Aqueous (ug/L)			Solid (mg/Kg)				
	True	Found	%R	True	Found	C	Limits	%R
Mercury	4.6	4.51	98.0					

2B - FORM II VOA-2
 WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445

Level: (TRACE or LOW) LOW

	CLIENT SAMPLE NO.	VDMC1 (DBFM) #	VDMC2 (DCE) #	VDMC3 (TOL) #	VDMC4 (BFB) #				TOT OUT
01	LCS-49958	98	103	99	97				0
02	LCSD-49958	99	101	99	96				0
03	MB-49958	101	109	94	96				0
04	TB-4	103	104	93	95				0
05	SMS-MW-14	104	99	93	94				0
06	SMS-MW-13	104	103	93	98				0
07	SMS-MW-12	107	106	93	97				0

VDMC1 (DBFM) Dibromofluoromethane
 VDMC2 (DCE) = 1,2-Dichloroethane-d4
 VDMC3 (TOL) = Toluene-d8
 VDMC4 (BFB) = Bromofluorobenzene

QC LIMITS
 (85-115)
 (70-120)
 (85-120)
 (75-120)

Column to be used to flag recovery values
 * Values outside of contract required QC limits

WATER SEMIVOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.: J0445

Mod. Ref No.:

SDG No.: SJ0445

	CLIENT SAMPLE NO.	SDMC1 (NBZ) #	SDMC2 (FBP) #	SDMC3 (TPH) #	SDMC4 (PHL) #	SDMC5 (2FP) #	SDMC6 (TBP) #			TOT OUT
01	MB-49951	81	84	93	74	80	99			0
02	LCS-49951	86	91	97	71	73	114			0
03	LCSD-49951	79	90	98	72	70	106			0
04	SMS-MW-14	68	80	64	67	72	91			0
05	SMS-MW-13	75	79	86	73	72	100			0
06	SMS-MW-12	76	82	97	77	77	99			0

QC LIMITS

SDMC1	(NBZ) = Nitrobenzene-d5	(40-110)
SDMC2	(FBP) = 2-Fluorobiphenyl	(50-110)
SDMC3	(TPH) = Terphenyl-d14	(50-135)
SDMC4	(PHL) = Phenol-d5	(10-115)
SDMC5	(2FP) = 2-Fluorophenol	(20-110)
SDMC6	(TBP) = 2,4,6-Tribromophenol	(40-125)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D DMC diluted out

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49958

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Lab Sample ID: LCS-49958 LCS Lot No.: _____
 Date Extracted: 03/19/2010 Date Analyzed (1): 03/19/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	46.0753	92		30 - 155
Chloromethane	50.0000	0.0000	48.7969	98		40 - 125
Vinyl chloride	50.0000	0.0000	54.0250	108		50 - 145
Bromomethane	50.0000	0.0000	54.3604	109		30 - 145
Chloroethane	50.0000	0.0000	55.5301	111		60 - 135
Trichlorofluoromethane	50.0000	0.0000	46.1258	92		60 - 145
1,1-Dichloroethene	50.0000	0.0000	48.3151	97		70 - 130
Acetone	50.0000	0.0000	44.5060	89		40 - 140
Iodomethane	50.0000	0.0000	49.8461	100		72 - 121
Carbon disulfide	50.0000	0.0000	50.4202	101		35 - 160
Methylene chloride	50.0000	0.0000	50.0363	100		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	49.8528	100		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	48.2338	96		65 - 125
1,1-Dichloroethane	50.0000	0.0000	48.4710	97		70 - 135
Vinyl acetate	50.0000	0.0000	48.7627	98		38 - 163
2-Butanone	50.0000	0.0000	51.5475	103		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	50.2451	100		70 - 125
2,2-Dichloropropane	50.0000	0.0000	48.9204	98		70 - 135
Bromochloromethane	50.0000	0.0000	50.5225	101		65 - 130
Chloroform	50.0000	0.0000	47.8981	96		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	47.7931	96		65 - 130
1,1-Dichloropropene	50.0000	0.0000	49.4994	99		75 - 130
Carbon tetrachloride	50.0000	0.0000	48.7050	97		65 - 140
1,2-Dichloroethane	50.0000	0.0000	47.6429	95		70 - 130
Benzene	50.0000	0.0000	49.6344	99		80 - 120
Trichloroethene	50.0000	0.0000	49.7219	99		70 - 125
1,2-Dichloropropane	50.0000	0.0000	49.2790	99		75 - 125
Dibromomethane	50.0000	0.0000	50.0041	100		75 - 125
Bromodichloromethane	50.0000	0.0000	49.0741	98		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	50.3359	101		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	46.9158	94		60 - 135
Toluene	50.0000	0.0000	50.1730	100		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	49.3215	99		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	50.4018	101		75 - 125
1,3-Dichloropropane	50.0000	0.0000	49.1427	98		75 - 125
Tetrachloroethene	50.0000	0.0000	49.8489	100		45 - 150
2-Hexanone	50.0000	0.0000	46.0175	92		55 - 130
Dibromochloromethane	50.0000	0.0000	51.0447	102		60 - 135
1,2-Dibromoethane	50.0000	0.0000	49.6840	99		80 - 120
Chlorobenzene	50.0000	0.0000	49.0577	98		80 - 120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	49.5880	99		80 - 130
Ethylbenzene	50.0000	0.0000	49.8895	100		75 - 125
m,p-Xylene	100.0000	0.0000	101.3230	101		75 - 130
o-Xylene	50.0000	0.0000	50.8015	102		80 - 120

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49958

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Lab Sample ID: LCS-49958 LCS Lot No.: _____
 Date Extracted: 03/19/2010 Date Analyzed (1): 03/19/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Xylene (Total)	150.0000	0.0000	152.1245	101		81 - 121
Styrene	50.0000	0.0000	51.3559	103		65 - 135
Bromoform	50.0000	0.0000	51.0803	102		70 - 130
Isopropylbenzene	50.0000	0.0000	49.7907	100		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	48.9352	98		65 - 130
Bromobenzene	50.0000	0.0000	49.7329	99		75 - 125
1,2,3-Trichloropropane	50.0000	0.0000	44.9611	90		75 - 125
n-Propylbenzene	50.0000	0.0000	50.4784	101		70 - 130
2-Chlorotoluene	50.0000	0.0000	49.4724	99		75 - 125
1,3,5-Trimethylbenzene	50.0000	0.0000	48.9890	98		75 - 130
4-Chlorotoluene	50.0000	0.0000	50.3499	101		75 - 130
tert-Butylbenzene	50.0000	0.0000	49.0974	98		70 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	49.3538	99		75 - 130
sec-Butylbenzene	50.0000	0.0000	49.5776	99		70 - 125
4-Isopropyltoluene	50.0000	0.0000	49.3918	99		75 - 130
1,3-Dichlorobenzene	50.0000	0.0000	49.2706	99		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	49.2746	99		75 - 125
n-Butylbenzene	50.0000	0.0000	49.2296	98		70 - 135
1,2-Dichlorobenzene	50.0000	0.0000	48.4423	97		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	43.8285	88		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	47.2887	95		65 - 135
Hexachlorobutadiene	50.0000	0.0000	46.0608	92		50 - 140
1,2,3-Trichlorobenzene	50.0000	0.0000	46.2828	93		55 - 140
Naphthalene	50.0000	0.0000	46.0829	92		55 - 140

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

* Values outside of QC limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS: _____

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

LCSD-49958

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0445

Mod. Ref No.:

SDG No.: SJ0445

Lab Sample ID: LCSD-49958

LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD #	QC LIMITS	
						RPD	REC.
Dichlorodifluoromethane	50.0000	46.8690	94		2	40	30 - 155
Chloromethane	50.0000	50.0745	100		2	40	40 - 125
Vinyl chloride	50.0000	54.2684	109		1	40	50 - 145
Bromomethane	50.0000	57.2772	115		5	40	30 - 145
Chloroethane	50.0000	56.8756	114		3	40	60 - 135
Trichlorofluoromethane	50.0000	43.9029	88		4	40	60 - 145
1,1-Dichloroethene	50.0000	48.6868	97		0	40	70 - 130
Acetone	50.0000	45.0012	90		1	40	40 - 140
Iodomethane	50.0000	49.0722	98		2	40	72 - 121
Carbon disulfide	50.0000	50.1404	100		1	40	35 - 160
Methylene chloride	50.0000	49.2182	98		2	40	55 - 140
trans-1,2-Dichloroethene	50.0000	48.9947	98		2	40	60 - 140
Methyl tert-butyl ether	50.0000	47.4078	95		1	40	65 - 125
1,1-Dichloroethane	50.0000	47.9603	96		1	40	70 - 135
Vinyl acetate	50.0000	47.1100	94		4	40	38 - 163
2-Butanone	50.0000	48.7247	97		6	40	30 - 150
cis-1,2-Dichloroethene	50.0000	49.5855	99		1	40	70 - 125
2,2-Dichloropropane	50.0000	47.5866	95		3	40	70 - 135
Bromochloromethane	50.0000	49.6657	99		2	40	65 - 130
Chloroform	50.0000	48.0399	96		0	40	65 - 135
1,1,1-Trichloroethane	50.0000	47.5087	95		1	40	65 - 130
1,1-Dichloropropene	50.0000	49.2211	98		1	40	75 - 130
Carbon tetrachloride	50.0000	47.7366	95		2	40	65 - 140
1,2-Dichloroethane	50.0000	47.3466	95		0	40	70 - 130
Benzene	50.0000	48.7007	97		2	40	80 - 120
Trichloroethene	50.0000	48.5750	97		2	40	70 - 125
1,2-Dichloropropane	50.0000	49.4119	99		0	40	75 - 125
Dibromomethane	50.0000	47.8548	96		4	40	75 - 125
Bromodichloromethane	50.0000	49.5566	99		1	40	75 - 120
cis-1,3-Dichloropropene	50.0000	49.3318	99		2	40	70 - 130
4-Methyl-2-pentanone	50.0000	47.2755	95		1	40	60 - 135
Toluene	50.0000	49.0334	98		2	40	75 - 120
trans-1,3-Dichloropropene	50.0000	48.0458	96		3	40	55 - 140
1,1,2-Trichloroethane	50.0000	49.2763	99		2	40	75 - 125
1,3-Dichloropropane	50.0000	48.6807	97		1	40	75 - 125
Tetrachloroethene	50.0000	48.7092	97		3	40	45 - 150
2-Hexanone	50.0000	44.4084	89		3	40	55 - 130
Dibromochloromethane	50.0000	49.8590	100		2	40	60 - 135
1,2-Dibromoethane	50.0000	48.3350	97		2	40	80 - 120
Chlorobenzene	50.0000	47.6675	95		3	40	80 - 120
1,1,1,2-Tetrachloroethane	50.0000	48.5794	97		2	40	80 - 130
Ethylbenzene	50.0000	49.3506	99		1	40	75 - 125
m,p-Xylene	100.0000	99.1033	99		2	40	75 - 130
o-Xylene	50.0000	48.2837	97		5	40	80 - 120
Xylene (Total)	150.0000	147.3870	98		3	40	81 - 121
Styrene	50.0000	49.8865	100		3	40	65 - 135

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

LCSD-49958

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Lab Sample ID: LCSD-49958 LCS Lot No.: _____

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	QC LIMITS	
						RPD	REC.
Bromoform	50.0000	49.3870	99		3	40	70 - 130
Isopropylbenzene	50.0000	48.7561	98		2	40	75 - 125
1,1,2,2-Tetrachloroethane	50.0000	48.9178	98		0	40	65 - 130
Bromobenzene	50.0000	49.4949	99		0	40	75 - 125
1,2,3-Trichloropropane	50.0000	44.6163	89		1	40	75 - 125
n-Propylbenzene	50.0000	50.1583	100		1	40	70 - 130
2-Chlorotoluene	50.0000	49.1768	98		1	40	75 - 125
1,3,5-Trimethylbenzene	50.0000	49.6999	99		1	40	75 - 130
4-Chlorotoluene	50.0000	49.8153	100		1	40	75 - 130
tert-Butylbenzene	50.0000	49.3197	99		1	40	70 - 130
1,2,4-Trimethylbenzene	50.0000	49.5020	99		0	40	75 - 130
sec-Butylbenzene	50.0000	49.8318	100		1	40	70 - 125
4-Isopropyltoluene	50.0000	49.0361	98		1	40	75 - 130
1,3-Dichlorobenzene	50.0000	49.0205	98		1	40	75 - 125
1,4-Dichlorobenzene	50.0000	48.3098	97		2	40	75 - 125
n-Butylbenzene	50.0000	49.1603	98		0	40	70 - 135
1,2-Dichlorobenzene	50.0000	47.8315	96		1	40	70 - 120
1,2-Dibromo-3-chloropropan	50.0000	43.7753	88		0	40	50 - 130
1,2,4-Trichlorobenzene	50.0000	46.3492	93		2	40	65 - 135
Hexachlorobutadiene	50.0000	46.3950	93		1	40	50 - 140
1,2,3-Trichlorobenzene	50.0000	46.3974	93		0	40	55 - 140
Naphthalene	50.0000	45.4958	91		1	40	55 - 140

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

* Values outside of QC limits

RPD: 0 out of 68 outside limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS: _____

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49951

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Lab Sample ID: LCS-49951 LCS Lot No.: _____
 Date Extracted: 03/19/2010 Date Analyzed (1): 03/20/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Phenol	50.0000	0.0000	37.4035	75		0 - 115
Bis(2-chloroethyl) ether	50.0000	0.0000	32.3900	65		35 - 110
2-Chlorophenol	50.0000	0.0000	36.8543	74		35 - 105
1,3-Dichlorobenzene	50.0000	0.0000	31.2856	63		30 - 100
1,4-Dichlorobenzene	50.0000	0.0000	32.6678	65		30 - 100
1,2-Dichlorobenzene	50.0000	0.0000	33.3028	67		35 - 100
2-Methylphenol	50.0000	0.0000	39.9733	80		40 - 110
2,2'-oxybis(1-Chloropropan	50.0000	0.0000	34.5695	69		30 - 123
4-Methylphenol	50.0000	0.0000	41.0776	82		30 - 110
N-Nitroso-di-n-propylamine	50.0000	0.0000	37.2807	75		35 - 130
Hexachloroethane	50.0000	0.0000	32.7535	66		30 - 95
Nitrobenzene	50.0000	0.0000	45.8924	92		45 - 110
Isophorone	50.0000	0.0000	39.4498	79		50 - 110
2-Nitrophenol	50.0000	0.0000	38.2892	77		40 - 115
2,4-Dimethylphenol	50.0000	0.0000	54.2448	108		30 - 110
2,4-Dichlorophenol	50.0000	0.0000	42.5652	85		50 - 105
1,2,4-Trichlorobenzene	50.0000	0.0000	43.8770	88		35 - 105
Naphthalene	50.0000	0.0000	45.3855	91		40 - 100
4-Chloroaniline	50.0000	0.0000	17.3595	35		15 - 110
Bis(2-chloroethoxy)methane	50.0000	0.0000	29.8569	60		45 - 105
Hexachlorobutadiene	50.0000	0.0000	42.9369	86		25 - 105
4-Chloro-3-methylphenol	50.0000	0.0000	44.6210	89		45 - 110
2-Methylnaphthalene	50.0000	0.0000	44.1682	88		45 - 105
Hexachlorocyclopentadiene	50.0000	0.0000	18.7167	37		27 - 147
2,4,6-Trichlorophenol	50.0000	0.0000	45.3882	91		50 - 115
2,4,5-Trichlorophenol	50.0000	0.0000	45.9103	92		50 - 110
2-Chloronaphthalene	50.0000	0.0000	42.3238	85		50 - 105
2-Nitroaniline	50.0000	0.0000	37.8266	76		50 - 115
Dimethylphthalate	50.0000	0.0000	44.5804	89		25 - 125
Acenaphthylene	50.0000	0.0000	30.9399	62		50 - 105
2,6-Dinitrotoluene	50.0000	0.0000	37.2720	75		50 - 115
3-Nitroaniline	50.0000	0.0000	21.8778	44		20 - 125
Acenaphthene	50.0000	0.0000	35.8758	72		45 - 110
2,4-Dinitrophenol	50.0000	0.0000	46.2820	93		15 - 140
4-Nitrophenol	50.0000	0.0000	37.6444	75		0 - 125
Dibenzofuran	50.0000	0.0000	46.0861	92		55 - 105
2,4-Dinitrotoluene	50.0000	0.0000	42.6678	85		50 - 120
Diethylphthalate	50.0000	0.0000	38.6443	77		40 - 120
4-Chlorophenyl-phenylether	50.0000	0.0000	47.7275	95		50 - 110
Fluorene	50.0000	0.0000	40.5509	81		50 - 110
4-Nitroaniline	50.0000	0.0000	33.1498	66		35 - 120
4,6-Dinitro-2-methylphenol	50.0000	0.0000	48.0131	96		40 - 130
N-Nitrosodiphenylamine	50.0000	0.0000	30.4862	61		50 - 110
4-Bromophenyl-phenylether	50.0000	0.0000	49.5662	99		50 - 115

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49951

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Lab Sample ID: LCS-49951 LCS Lot No.: _____
 Date Extracted: 03/19/2010 Date Analyzed (1): 03/20/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Hexachlorobenzene	50.0000	0.0000	56.2960	113	*	50 - 110
Pentachlorophenol	50.0000	0.0000	51.3011	103		40 - 115
Phenanthrene	50.0000	0.0000	45.0319	90		50 - 115
Anthracene	50.0000	0.0000	43.2228	86		55 - 110
Carbazole	50.0000	0.0000	36.6073	73		50 - 115
Di-n-butylphthalate	50.0000	0.0000	40.4961	81		55 - 115
Fluoranthene	50.0000	0.0000	49.3234	99		55 - 115
Pyrene	50.0000	0.0000	33.1999	66		50 - 130
Butylbenzylphthalate	50.0000	0.0000	29.1111	58		45 - 115
3,3'-Dichlorobenzidine	50.0000	0.0000	2.9258	6	*	20 - 110
Benzo(a)anthracene	50.0000	0.0000	41.6053	83		55 - 110
Chrysene	50.0000	0.0000	42.6353	85		55 - 110
Bis(2-ethylhexyl)phthalate	50.0000	0.0000	34.0506	68		40 - 125
Di-n-octylphthalate	50.0000	0.0000	38.9775	78		35 - 135
Benzo(b)fluoranthene	50.0000	0.0000	44.7194	89		45 - 120
Benzo(k)fluoranthene	50.0000	0.0000	56.2345	112		45 - 125
Benzo(a)pyrene	50.0000	0.0000	39.7922	80		55 - 110
Indeno(1,2,3-cd)pyrene	50.0000	0.0000	40.3447	81		45 - 125
Dibenzo(a,h)anthracene	50.0000	0.0000	43.7136	87		40 - 125
Benzo(g,h,i)perylene	50.0000	0.0000	35.9204	72		40 - 125

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

* Values outside of QC limits

Spike Recovery: 2 out of 64 outside limits

COMMENTS: _____

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

LCSD-49951

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0445

Mod. Ref No.:

SDG No.: SJ0445

Lab Sample ID: LCSD-49951

LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD #	QC LIMITS	
						RPD	REC.
Phenol	50.0000	30.4269	61		21	40	0 - 115
Bis(2-chloroethyl) ether	50.0000	34.1793	68		5	40	35 - 110
2-Chlorophenol	50.0000	34.6402	69		7	40	35 - 105
1,3-Dichlorobenzene	50.0000	30.1827	60		5	40	30 - 100
1,4-Dichlorobenzene	50.0000	32.9761	66		2	40	30 - 100
1,2-Dichlorobenzene	50.0000	32.6869	65		3	40	35 - 100
2-Methylphenol	50.0000	38.9158	78		3	40	40 - 110
2,2'-oxybis(1-Chloropropan	50.0000	33.5360	67		3	40	30 - 123
4-Methylphenol	50.0000	37.1432	74		10	40	30 - 110
N-Nitroso-di-n-propylamine	50.0000	39.7945	80		6	40	35 - 130
Hexachloroethane	50.0000	30.1615	60		10	40	30 - 95
Nitrobenzene	50.0000	34.6362	69		29	40	45 - 110
Isophorone	50.0000	35.6711	71		11	40	50 - 110
2-Nitrophenol	50.0000	37.5069	75		3	40	40 - 115
2,4-Dimethylphenol	50.0000	42.2319	84		25	40	30 - 110
2,4-Dichlorophenol	50.0000	38.7502	78		9	40	50 - 105
1,2,4-Trichlorobenzene	50.0000	38.3119	77		13	40	35 - 105
Naphthalene	50.0000	40.5215	81		12	40	40 - 100
4-Chloroaniline	50.0000	35.4928	71		68 *	40	15 - 110
Bis(2-chloroethoxy)methane	50.0000	34.5022	69		14	40	45 - 105
Hexachlorobutadiene	50.0000	40.2693	81		6	40	25 - 105
4-Chloro-3-methylphenol	50.0000	41.9384	84		6	40	45 - 110
2-Methylnaphthalene	50.0000	31.9054	64		32	40	45 - 105
Hexachlorocyclopentadiene	50.0000	21.4100	43		15	40	27 - 147
2,4,6-Trichlorophenol	50.0000	45.0052	90		1	40	50 - 115
2,4,5-Trichlorophenol	50.0000	40.1001	80		14	40	50 - 110
2-Chloronaphthalene	50.0000	40.0843	80		6	40	50 - 105
2-Nitroaniline	50.0000	39.3350	79		4	40	50 - 115
Dimethylphthalate	50.0000	40.5143	81		9	40	25 - 125
Acenaphthylene	50.0000	37.8040	76		20	40	50 - 105
2,6-Dinitrotoluene	50.0000	35.3390	71		5	40	50 - 115
3-Nitroaniline	50.0000	38.2574	77		55 *	40	20 - 125
Acenaphthene	50.0000	38.2848	77		7	40	45 - 110
2,4-Dinitrophenol	50.0000	44.2507	89		4	40	15 - 140
4-Nitrophenol	50.0000	38.5589	77		3	40	0 - 125
Dibenzofuran	50.0000	40.3606	81		13	40	55 - 105
2,4-Dinitrotoluene	50.0000	48.9011	98		14	40	50 - 120
Diethylphthalate	50.0000	38.2384	76		1	40	40 - 120
4-Chlorophenyl-phenylether	50.0000	43.2000	86		10	40	50 - 110
Fluorene	50.0000	45.0226	90		11	40	50 - 110
4-Nitroaniline	50.0000	35.7443	71		7	40	35 - 120
4,6-Dinitro-2-methylphenol	50.0000	47.6845	95		1	40	40 - 130
N-Nitrosodiphenylamine	50.0000	41.6805	83		31	40	50 - 110
4-Bromophenyl-phenylether	50.0000	53.4625	107		8	40	50 - 115
Hexachlorobenzene	50.0000	51.6846	103		9	40	50 - 110
Pentachlorophenol	50.0000	52.8381	106		3	40	40 - 115

3 - FORM III
 WATER LABORATORY CONTROL
 SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

LCSD-49951

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Lab Sample ID: LCSD-49951 LCS Lot No.: _____

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS	
							RPD	REC.
Phenanthrene	50.0000	39.9768	80		12		40	50 - 115
Anthracene	50.0000	47.9405	96		11		40	55 - 110
Carbazole	50.0000	45.1882	90		21		40	50 - 115
Di-n-butylphthalate	50.0000	39.5861	79		3		40	55 - 115
Fluoranthene	50.0000	42.6508	85		15		40	55 - 115
Pyrene	50.0000	33.3616	67		2		40	50 - 130
Butylbenzylphthalate	50.0000	29.4138	59		2		40	45 - 115
3,3'-Dichlorobenzidine	50.0000	34.4652	69		168	*	40	20 - 110
Benzo(a)anthracene	50.0000	36.7800	74		11		40	55 - 110
Chrysene	50.0000	37.8424	76		11		40	55 - 110
Bis(2-ethylhexyl)phthalate	50.0000	34.0553	68		0		40	40 - 125
Di-n-octylphthalate	50.0000	34.4358	69		12		40	35 - 135
Benzo(b)fluoranthene	50.0000	46.4438	93		4		40	45 - 120
Benzo(k)fluoranthene	50.0000	44.4290	89		23		40	45 - 125
Benzo(a)pyrene	50.0000	43.3334	87		8		40	55 - 110
Indeno(1,2,3-cd)pyrene	50.0000	40.3480	81		0		40	45 - 125
Dibenzo(a,h)anthracene	50.0000	41.1911	82		6		40	40 - 125
Benzo(g,h,i)perylene	50.0000	36.1039	72		0		40	40 - 125

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

* Values outside of QC limits

RPD: 3 out of 64 outside limits

Spike Recovery: 0 out of 64 outside limits

COMMENTS: _____

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-49958

Lab Name: MITKEM LABORATORIES Contract: _____
Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
Lab File ID: V2L4956.D Lab Sample ID: MB-49958
Instrument ID: V2
Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 03/19/2010
Level: (TRACE or LOW/MED) LOW Time Analyzed: 17:13
GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCS-49958	LCS-49958	V2L4953.D	15:54
02	LCSD-49958	LCSD-49958	V2L4954.D	16:20
03	TB-4	J0445-04A	V2L4958.D	18:06
04	SMS-MW-14	J0445-01A	V2L4960.D	18:58
05	SMS-MW-13	J0445-02A	V2L4961.D	19:25
06	SMS-MW-12	J0445-03A	V2L4962.D	19:51

COMMENTS:

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49958

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49958
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4956.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
75-71-8	Dichlorodifluoromethane		5.0	U
74-87-3	Chloromethane		5.0	U
75-01-4	Vinyl chloride		5.0	U
74-83-9	Bromomethane		5.0	U
75-00-3	Chloroethane		5.0	U
75-69-4	Trichlorofluoromethane		5.0	U
75-35-4	1,1-Dichloroethene		5.0	U
67-64-1	Acetone		5.0	U
74-88-4	Iodomethane		5.0	U
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		1.6	J
156-60-5	trans-1,2-Dichloroethene		5.0	U
1634-04-4	Methyl tert-butyl ether		5.0	U
75-34-3	1,1-Dichloroethane		5.0	U
108-05-4	Vinyl acetate		5.0	U
78-93-3	2-Butanone		5.0	U
156-59-2	cis-1,2-Dichloroethene		5.0	U
594-20-7	2,2-Dichloropropane		5.0	U
74-97-5	Bromochloromethane		5.0	U
67-66-3	Chloroform		5.0	U
71-55-6	1,1,1-Trichloroethane		5.0	U
563-58-6	1,1-Dichloropropene		5.0	U
56-23-5	Carbon tetrachloride		5.0	U
107-06-2	1,2-Dichloroethane		5.0	U
71-43-2	Benzene		5.0	U
79-01-6	Trichloroethene		5.0	U
78-87-5	1,2-Dichloropropane		5.0	U
74-95-3	Dibromomethane		5.0	U
75-27-4	Bromodichloromethane		5.0	U
10061-01-5	cis-1,3-Dichloropropene		5.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		5.0	U
10061-02-6	trans-1,3-Dichloropropene		5.0	U
79-00-5	1,1,2-Trichloroethane		5.0	U
142-28-9	1,3-Dichloropropane		5.0	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49958

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49958
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4956.D
 Level: (TRACE/LOW/MED) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 03/19/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

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

4C - FORM IV SV
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-49951

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Lab File ID: S1G2649.D Lab Sample ID: MB-49951
 Instrument ID: S1 Date Extracted: 03/19/2010
 Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 03/20/2010
 Level: (LOW/MED) LOW Time Analyzed: 15:27
 Extraction: (Type) CONT GPC Cleanup: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LCS-49951	LCS-49951	S1G2650.D	03/20/2010
02	LCSD-49951	LCSD-49951	S1G2651.D	03/20/2010
03	SMS-MW-14	J0445-01C	S1G2652.D	03/20/2010
04	SMS-MW-13	J0445-02C	S1G2653.D	03/20/2010
05	SMS-MW-12	J0445-03C	S1G2654.D	03/20/2010

COMMENTS:

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49951

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49951
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2649.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/19/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/20/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
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
111-91-1	Bis(2-chloroethoxy)methane		10	U
87-68-3	Hexachlorobutadiene		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
51-28-5	2,4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		10	U

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49951

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49951
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2649.D
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) _____ Date Received: _____
 Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/19/2010
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/20/2010
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: D003821-41

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0445

Preparation Blank Matrix (soil/water): WATER Method Blank ID:

MB-50100

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

FIMS1_100325A

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Mercury	0.056	U	0.056	U	0.056	U	0.056	U	0.056	U	CV

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: D003821-41

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0445

Preparation Blank Matrix (soil/water): _____ Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____
 FIMS1_100325A

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)				Preparation Blank		M
		C	1	C	2	C	3	C	
Mercury			0.056	U	0.101	B			CV

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: D003821-41

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0445

Preparation Blank Matrix (soil/water): WATER Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L MB-50093

OPTIMA3_100325A

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Potassium	59.0	U	59.0	U	59.0	U	59.0	U	59.000	U	P
Sodium	29.0	U	29.0	U	29.0	U	29.0	U	29.000	U	P

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: D003821-41

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0445

Preparation Blank Matrix (soil/water): _____ Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____
OPTIMA3_100325A

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Potassium			59.0	U							P
Sodium			29.0	U							P

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories

Contract: D003821-41

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: SJ0445

Preparation Blank Matrix (soil/water): WATER

Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

MB-50093

OPTIMA3_100325B

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Aluminum	24.8	B	12.0	U	12.4	B	12.0	U	16.879	B	P
Antimony	4.2	U	5.7	B	4.4	B	4.2	U	15.230	B	P
Arsenic	3.1	U	5.4	B	7.0	B	3.1	U	5.776	B	P
Barium	2.9	U	2.9	U	2.9	U	2.9	U	2.900	U	P
Beryllium	0.0	U	0.0	U	-0.1	B	0.0	B	0.037	U	P
Cadmium	0.5	U	0.5	U	0.5	U	0.5	U	0.500	U	P
Calcium	87.0	U	87.0	U	-98.1	B	87.0	U	87.000	U	P
Chromium	0.5	U	0.5	U	0.5	U	0.5	U	0.500	U	P
Cobalt	0.7	U	0.7	U	0.7	U	0.7	B	0.670	U	P
Copper	4.7	U	4.7	U	4.7	U	4.7	U	4.700	U	P
Iron	47.0	U	47.0	U	47.0	U	47.0	U	47.000	U	P
Lead	-3.1	B	-2.3	B	2.1	U	-3.3	B	2.100	U	P
Magnesium	62.0	U	62.0	U	62.0	U	62.0	U	62.000	U	P
Manganese	3.5	U	3.5	U	3.5	U	3.5	U	8.213	B	P
Nickel	0.8	B	0.7	B	1.0	B	0.6	U	0.640	U	P
Selenium	10.0	U	12.8	B	11.7	B	10.0	U	12.358	B	P
Silver	3.0	B	2.4	U	2.4	U	2.4	U	2.400	U	P
Thallium	5.7	U	5.7	U	5.7	U	5.7	U	5.700	U	P
Vanadium	1.1	B	1.2	B	1.7	B	0.8	B	1.715	B	P
Zinc	7.0	U	7.0	U	7.0	U	7.0	U	7.000	U	P

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: D003821-41

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: SJ0445

Preparation Blank Matrix (soil/water): _____ Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____
OPTIMA3_100325B

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Aluminum			12.0	U	-13.1	B	-12.1	B			P
Antimony			4.3	B	8.6	B	4.2	U			P
Arsenic			3.1	U	3.1	U	3.1	U			P
Barium			2.9	U	2.9	U	2.9	U			P
Beryllium			0.0	U	0.0	U	0.0	U			P
Cadmium			0.5	U	0.5	U	0.5	U			P
Calcium			87.0	U	87.0	U	195.5	B			P
Chromium			0.5	U	0.5	U	0.5	U			P
Cobalt			0.7	U	0.7	U	0.7	U			P
Copper			4.7	U	4.7	U	4.7	U			P
Iron			47.0	U	47.0	U	47.0	U			P
Lead			-3.4	B	-3.4	B	-4.2	B			P
Magnesium			62.0	U	62.0	U	62.0	U			P
Manganese			3.5	U	3.5	U	3.5	U			P
Nickel			0.8	B	0.6	U	0.6	U			P
Selenium			10.0	U	13.7	B	10.0	U			P
Silver			2.4	U	2.4	U	2.4	U			P
Thallium			5.7	U	5.7	U	5.7	U			P
Vanadium			1.2	B	0.4	B	1.1	B			P
Zinc			7.0	U	7.0	U	7.0	U			P

8A - FORM VIII VOA

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 03/19/2010 03/19/2010
 EPA Sample No. (VSTD#####): VSTD0502F Date Analyzed: 03/19/2010
 Lab File ID (Standard): V2L4952.D Time Analyzed: 15:27
 Instrument ID: V2 Heated Purge: (Y/N) N

	IS1 (S1)		IS2 (S2)		IS3 (S3)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	2659157	6.74	1636804	10.479	842925	13.317
UPPER LIMIT	5318314	7.24	3273608	10.979	1685850	13.817
LOWER LIMIT	1329579	6.24	818402	9.979	421463	12.817
SAMPLE NO.						
01 LCS-49958	2539303	6.740	1545730	10.479	792576	13.317
02 LCSD-49958	2591361	6.740	1587092	10.479	797728	13.317
03 MB-49958	2396255	6.739	1503014	10.478	828227	13.317
04 TB-4	2192286	6.741	1510606	10.469	839991	13.318
05 SMS-MW-14	1706946	6.731	1125150	10.470	638225	13.319
06 SMS-MW-13	1916272	6.740	1235337	10.469	740090	13.317
07 SMS-MW-12	1860959	6.729	1243127	10.468	712722	13.317

IS1 () = Fluorobenzene

IS2 () = Chlorobenzene-d5

IS3 () = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of
internal standard area

AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of
internal standard area

RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles)
minutes of internal standard RT

RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles)
minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 GC Column: Rxi-5sil MS ID: 0.25 (mm) Init. Calib. Date(s): 02/09/2010 02/09/2010
 EPA Sample No. (SSTD020##): SSTD0501I Date Analyzed: 03/20/2010
 Lab File ID (Standard): S1G2641.D Time Analyzed: 11:18
 Instrument ID: S1

	IS1 (DCB)		IS2 (NPT)		IS3 (ANT)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	328495	3.626	942392	4.771	645396	6.445
UPPER LIMIT	656990	4.126	1884784	5.271	1290792	6.945
LOWER LIMIT	164248	3.126	471196	4.271	322698	5.945
SAMPLE NO.						
01 MB-49951	364099	3.619	1083759	4.764	671319	6.438
02 LCS-49951	360827	3.627	1046391	4.772	721986	6.446
03 LCSD-49951	386919	3.630	1201447	4.775	766243	6.450
04 SMS-MW-14	350518	3.627	1095083	4.772	629874	6.436
05 SMS-MW-13	335656	3.618	1030465	4.763	679901	6.438
06 SMS-MW-12	355983	3.626	1129963	4.771	739467	6.446

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = 200% of internal standard area

AREA LOWER LIMIT = 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0445 Mod. Ref No.: _____ SDG No.: SJ0445
 EPA Sample No. (SSTD020##): SSTD0501I Date Analyzed: 03/20/2010
 Lab File ID (Standard): S1G2641.D Time Analyzed: 11:18
 Instrument ID: S1 GC Column: Rxi-5sil MS ID: 0.25 (mm)

		IS4 (PHN)		IS5 (CRY)		IS6 (PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	894097	7.872	1004673	10.443	732859	11.728
	UPPER LIMIT	1788194	8.372	2009346	10.943	1465718	12.228
	LOWER LIMIT	447049	7.372	502337	9.943	366430	11.228
	SAMPLE NO.						
01	MB-49951	1008719	7.864	1181843	10.436	936463	11.721
02	LCS-49951	938694	7.872	1053308	10.444	701683	11.718
03	LCSD-49951	999561	7.876	1146089	10.447	748598	11.722
04	SMS-MW-14	974724	7.873	1043911	10.433	786981	11.719
05	SMS-MW-13	982521	7.864	1142361	10.435	866383	11.721
06	SMS-MW-12	1012474	7.872	1019093	10.432	752394	11.718

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = 200% of internal standard area

AREA LOWER LIMIT = 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.