

**FINAL**

**GROUNDWATER SAMPLING REPORT  
(November 2008 Sampling Event)**

**Multi Site G  
Operation, Maintenance & Monitoring**

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

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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.

## **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 (November 2008), 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 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, Earth Tech Northeast, Inc. (Earth Tech) procured a PHOSter™ system and the system was later installed and activated on site in May 2005. Further details of the PHOSter™ system are included in Section 2.3 of this report.

The USEPA operated the GW P&T system at the Site until July 15, 2005 when the Site was turned over to NYSDEC. Based on sampling conducted by CDM for the USEPA in June 2005 and effluent samples collected by Earth Tech in August 2005, Earth Tech determined that the GW P&T system was no longer removing significant quantities of contaminants, and VOC concentrations in the influent were below detection limits (at 5 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 (µg/kg). The highest VOC results were obtained from the drywell location at 24 ft bgs with a total VOC concentration of 408,100 µg/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 November 18 and 19, 2008, Earth Tech advanced six soil borings and collected subsurface soil samples for analysis of VOCs, phospholipid fatty acids (PLFA) and methanotrophs. The results will be presented in the Final PHOSter™ System Soil Sampling Report (currently in preparation).

## **3.0 FIELD ACTIVITIES**

In accordance with the June 2007 Sampling and Analysis Plan (Earth Tech, June 2007) developed for the SMS Instruments Site, Earth Tech conducted the fourth of five groundwater sampling events in November 2008. 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. This section describes and presents the results of the groundwater sampling event that took place on November 4 through 7, 2008.

### **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. The pumps in the two extraction wells, EW-1 and EW-2, would not function during the sampling event. After consultation with the NYSDEC Project Manager, the decision was made to not

sample these two wells during this event. MW-11 could not be located during the field effort as the area is under construction and the well could not be located.

#### **4.0 SAMPLING RESULTS FOR ROUNDS 1 THROUGH 4**

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-9, MW-11, MW-12, MW-13D, MW-15 and MW-16S during sampling Rounds 1 through 4. A few VOCs have been detected in monitoring wells MW-2, MW-4, MW-8, MW-13, MW-14, MW-16M and MW-16S at concentrations below the criterion during Rounds 1 through 4.

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 of the four 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 and November 2008 sampling events.

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 and 4. 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. cis-1,2-Dichloroethene was not detected during Rounds 1, 2 and 4. Tetrachloroethene (PCE) was detected below the criterion during Round 4. No other VOCs were detected at MW-3.

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 last three sampling events.

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. During the November 2008 sampling event, the concentration decreased to an estimated 2.3 µg/L. 1,1,1-Trichloroethane had been detected below the criterion during the September 2006 and August 2007 sampling events but was not detected during the November 2008 sampling event.

## 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 target SVOCs were detected in monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-7, MW-8, MW-9, MW-12, MW-13, MW-13D, MW-14, MW-15, MW-16D, MW-16M, MW-16S and MW-17 during the November 2008 sampling event.

Bis(2-ethylhexyl)phthalate (Class GA criterion of 5 µg/L) was detected at an estimated concentration of 3 µg/L in MW-6D during the November 2008 sampling event. This compound was detected at similar concentrations during the first three sampling events. It has also been detected at low concentrations in other monitoring wells during the previous sampling events.

Several polynuclear aromatic hydrocarbons were detected in monitoring well MW-6S during the November 2008 sampling event. Of the 14 compounds detected during the November 2008 sampling event, eight exceeded the applicable criterion, including phenol (1.2 µ/L), benzo(a)anthracene (1.2 µg/L), chrysene (2.2 µg/L), bis(2-ethylhexyl)phthalate (12 µg/L), benzo(b)fluoranthene (8.4 µg/L), benzo(k)fluoranthene (6.5 µg/L), benzo(a)pyrene (3.1 µg/L) and indeno(1,2,3-cd)pyrene (4.9 µg/L). Most of these compounds were detected during the previous sampling event at similar concentrations.

## 4.3 TAL Metals

Results for TAL metals 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.

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.

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).

Chromium has been detected in every sample during all four 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).

Iron has been detected in every sample collected during all four 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).

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).

Manganese was detected in every sample during all four 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).

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.

Sodium was detected in every sample collected during all four 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).

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 sampling event, thallium was not detected in any of the 19 samples (MDL of 4.2 µg/L).

Zinc was detected in every sample collected during all four 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 and 4, the sample from MW-2 was the only exceedance with concentrations of 2,720 µg/L, 3,360 µg/L, and 4,230 µg/L, respectively.

## **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 four 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 Round 4 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.

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 have shown a steady increase during each of the four sampling events: 1,3,5-trimethylbenzene – ND, 3 µg/L, 5 µg/L and 11µg/L; and 1,2,4-trimethylbenzene – ND, 6 µg/L, 11 µg/L and 21 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 four 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.

### 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 reported as not detected during Rounds 2, 3 and 4.

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.

### 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; however, these exceedances have not been replicated in the other three sampling events. Similarly, selenium concentrations peaked during Round 3 but were not replicated in the other three sampling events. Consequently, the presence of antimony and selenium do not appear to be site related. Beryllium has only exceeded the criterion once in four sampling rounds 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. Lead exceedances are limited to monitoring wells MW-2 and MW-6S. Zinc exceedances have been noted in all four 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 three of four sampling events.

## 5.2 Recommendations

Earth Tech recommends the following for the SMS Instruments Site:

- Continued operation of the PHOSter™ bioremediation system;
- Collection of soil borings in the areas of known soil impact via direct-push soil sampling methods for the evaluation of current soil conditions in the area of concern and the effectiveness of the PHOSter™ bioremediation system after six months; and
- One additional round of sampling is included in this work assignment. Groundwater sampling should continue for the next scheduled event to provide groundwater information after the PHOSter™ system is shut down to monitor for potential rebound.

**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 |              |               | 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 | Paved over   |               | 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 | Missing      |               | 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 | Missing      |               | 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 | Missing      |               | 72.1             | 71.20                  | 72.06                   | 101.4               |
| MW-14       | 4,404.80 | 5,114.02 | Missing      |               | 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 | Missing      |               | 72.0             | 71.47                  | 72.03                   | 36.9                |
| MW-16M      | 4,713.25 | 5,233.41 | 40° 45.690'  | 73° 18.915'   | 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                 |                  |
| MW-2   | 72.34               | 8/13/07 | 16.91          | 55.43                 |                  |
|        |                     | 11/5/08 | 18.19          | 54.15                 |                  |
| MW-3   | 71.40               | 8/13/07 | 15.95          | 55.45                 |                  |
|        |                     | 11/5/08 | 17.22          | 54.18                 |                  |
| MW-4   | 72.04               | 8/13/07 | 16.68          | 55.36                 |                  |
|        |                     | 11/5/08 | 17.99          | 54.05                 |                  |
| MW-5   | 70.87               | 8/13/07 | 15.72          | 55.15                 |                  |
|        |                     | 11/5/08 | 16.99          | 53.88                 |                  |
| MW-6S  | 70.64               | 8/13/07 | 15.15          | 55.49                 |                  |
|        |                     | 11/5/08 | 16.73          | 53.91                 |                  |
| MW-6D  | 70.70               | 8/13/07 | 15.59          | 55.11                 |                  |
|        |                     | 11/5/08 | 16.75          | 53.95                 |                  |
| MW-7   | 72.09               | 8/13/07 | 17.06          | 55.03                 |                  |
|        |                     | 11/5/08 | 18.28          | 53.81                 |                  |
| MW-8   | 71.22               | 8/13/07 | 15.54          | 55.68                 |                  |
|        |                     | 11/5/08 | 16.85          | 54.37                 |                  |
| MW-9   | 70.58               | 8/13/07 | 14.87          | 55.71                 |                  |
|        |                     | 11/5/08 | 16.24          | 54.34                 |                  |
| MW-11  | 67.54               | 8/13/07 |                |                       | could not locate |
|        |                     | 11/5/08 |                |                       |                  |
| MW-12  | 69.82               | 8/13/07 | 15.57          | 54.25                 |                  |
|        |                     | 11/5/08 | 16.78          | 53.04                 |                  |
| MW-13  | 71.16               | 8/13/07 | 17.08          | 54.08                 |                  |
|        |                     | 11/5/08 | 18.19          | 52.97                 |                  |
| MW-13D | 71.20               | 8/13/07 | 17.01          | 54.19                 |                  |
|        |                     | 11/5/08 | 18.24          | 52.96                 |                  |
| MW-14  | 71.29               | 8/13/07 | 17.24          | 54.05                 |                  |
|        |                     | 11/5/08 | 18.33          | 52.96                 |                  |

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

| Well # | Reference<br>Elevation | Date    | Depth<br>To Water | Water Table<br>Elevation | Comments |
|--------|------------------------|---------|-------------------|--------------------------|----------|
| MW-15  | 71.55                  | 8/13/07 | 16.78             | 54.77                    |          |
|        |                        | 11/5/08 | 18.03             | 53.52                    |          |
| MW-16S | 71.47                  | 8/13/07 | 16.64             | 54.83                    |          |
|        |                        | 11/5/08 | 17.90             | 53.57                    |          |
| MW-16M | 71.59                  | 8/13/07 | 16.75             | 54.84                    |          |
|        |                        | 11/5/08 | 18.01             | 53.58                    |          |
| MW-16D | 71.62                  | 8/13/07 | 16.79             | 54.83                    |          |
|        |                        | 11/5/08 | 18.05             | 53.57                    |          |
| MW-17  | 71.19                  | 8/13/07 | 16.26             | 54.93                    |          |
|        |                        | 11/5/08 | 17.51             | 53.68                    |          |

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

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | EW-1<br>SMS-EW-1<br>E0136-20A<br>2/9/06<br>µg/L<br>conc Q | EW-1<br>SMS-EW-1<br>09-12-06<br>µg/L<br>conc Q | EW-1<br>SMS-EW-1<br>08-14-07<br>µg/L<br>conc Q | EW-1<br>SMS-EW-1<br>11/5/08<br>µg/L<br>conc Q | EW-2<br>SMS-EW-2<br>E0203-03C<br>2/23/06<br>µg/L<br>conc Q | EW-2<br>SMS-EW-2<br>09-12-06<br>µg/L<br>conc Q | EW-2<br>SMS-EW-2<br>08-14-07<br>µg/L<br>conc Q | EW-2<br>SMS-EW-2<br>11/5/08<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------|------------------------------------------------|-----------------------------------------------|------------------------------------------------------------|------------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Vinyl Chloride                                                        | 2                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| Acetone                                                               | 50                                                    | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| Methyl tert-butyl ether                                               | 10                                                    | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| 1,1-Dichloroethane                                                    | 5                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| cis-1,2-Dichloroethene                                                | 5                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| 1,1,1-Trichloroethane                                                 | 5                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| Tetrachloroethene                                                     | 5                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| Trichloroethene                                                       | 5                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| Chlorobenzene                                                         | 5                                                     | <b>32.0</b>                                               | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| Chloroform                                                            | 7                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| Chloromethane                                                         | NC                                                    | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| Ethylbenzene                                                          | 5                                                     | 1.0 J                                                     | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| Xylene (Total)                                                        | 5                                                     | 5.0                                                       | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| Isopropylbenzene                                                      | 5                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| n-Propylbenzene                                                       | 5                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| 1,3,5-Trimethylbenzene                                                | 5                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| 1,2,4-Trimethylbenzene                                                | 5                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| 1,3-Dichlorobenzene                                                   | 3                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| 1,4-Dichlorobenzene                                                   | 3                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| 1,2-Dichlorobenzene                                                   | 3                                                     | ND                                                        | ND                                             | ND                                             | ND                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| 1,2,4-Trichlorobenzene                                                | 5                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| Hexachlorobutadiene                                                   | 0.5                                                   | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| Naphthalene                                                           | 10                                                    | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| 1,2,3-Trichlorobenzene                                                | 5                                                     | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | NA                                             | NA                                             | NA                                            |
| Number of TICs                                                        |                                                       | 0                                                         | NA                                             | NA                                             | NA                                            | 0                                                          | 0                                              | 0                                              | 0                                             |
| Total TICs                                                            |                                                       | ND                                                        | NA                                             | NA                                             | NA                                            | ND                                                         | 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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

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

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

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

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

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

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

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

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

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

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

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

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

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

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

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

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

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

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

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

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | EW-1<br>SMS-EW-01<br>E0136-20B<br>2/9/06<br>µg/L<br>conc Q | EW-1<br>SMS-EW-01<br>9/12/06<br>µg/L<br>conc Q | EW-1<br>SMS-EW-01<br>8/14/07<br>µg/L<br>conc Q | EW-1<br>SMS-EW-01<br>11/5/08<br>µg/L<br>conc Q | EW-2<br>SMS-EW-2<br>E0203-03C<br>2/23/06<br>µg/L<br>conc Q | EW-2<br>SMS-EW-2<br>9/12/06<br>µg/L<br>conc Q | EW-2<br>SMS-EW-2<br>8/14/07<br>µg/L<br>conc Q | EW-2<br>SMS-EW-2<br>11/5/08<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Phenol                                                                | 1                                                     | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| 1,3-Dichlorobenzene                                                   | 3                                                     | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| 1,4-Dichlorobenzene                                                   | 3                                                     | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Isophorone                                                            | 50                                                    | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| 2,4-Dimethylphenol                                                    | 50                                                    | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Naphthalene                                                           | 10                                                    | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Phenanthrene                                                          | 50                                                    | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Di-n-butyl phthalate                                                  | 50                                                    | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Fluoranthene                                                          | 50                                                    | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Pyrene                                                                | 50                                                    | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Butylbenzyl phthalate                                                 | 50                                                    | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Benzo(a)anthracene                                                    | 0.002                                                 | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Dibenzo(a,h)anthracene                                                | NC                                                    | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | ND                                            | ND                                            | ND                                            |
| Chrysene                                                              | 0.002                                                 | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| bis(2-Ethylhexyl)phthalate                                            | 5                                                     | <b>83 B</b>                                                | NA                                             | NA                                             | NA                                             | 1.0 J                                                      | NA                                            | NA                                            | NA                                            |
| Dimethylphthalate                                                     | 50                                                    | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | ND                                            | ND                                            | ND                                            |
| Benzo(b)fluoranthene                                                  | 0.002                                                 | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Benzo(k)fluoranthene                                                  | 0.002                                                 | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Benzo(a)pyrene                                                        | ND                                                    | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Indeno(1,2,3-cd)pyrene                                                | 0.002                                                 | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Benzo(g,h,i)perylene                                                  | NC                                                    | ND                                                         | NA                                             | NA                                             | NA                                             | ND                                                         | NA                                            | NA                                            | NA                                            |
| Number of TICs                                                        |                                                       | 2                                                          | 0                                              | 0                                              | 0                                              | 0                                                          | 0                                             | 0                                             | 0                                             |
| Total TICs                                                            |                                                       | 322 J                                                      | NA                                             | NA                                             | NA                                             | ND                                                         | 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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-1<br>SMS-MW-1<br>E0153-03B<br>2/10/06<br>µg/L<br>conc Q | MW-1<br>SMS-MW-1<br>E1376-16B<br>9/12/06<br>µg/L<br>conc Q | MW-1<br>SMS-MW-1<br>F1135-05B<br>8/14/07<br>µg/L<br>conc Q | MW-1<br>SMS-MW-1<br>G2029-10C<br>11/5/2008<br>µg/L<br>conc Q | MW-2<br>SMS-MW-2<br>E0136-03C<br>2/7/06<br>µg/L<br>conc Q | MW-2<br>SMS-MW-2<br>E1376-17B<br>9/12/06<br>µg/L<br>conc Q | MW-2<br>SMS-MW-2<br>F1135-13B<br>8/15/07<br>µg/L<br>conc Q | MW-2<br>SMS-MW-2<br>G2029-02C<br>11/4/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|
| Phenol                                                                | 1                                                     | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| 1,3-Dichlorobenzene                                                   | 3                                                     | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| 1,4-Dichlorobenzene                                                   | 3                                                     | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Isophorone                                                            | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| 2,4-Dimethylphenol                                                    | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Naphthalene                                                           | 10                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Phenanthrene                                                          | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Di-n-butyl phthalate                                                  | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Fluoranthene                                                          | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Pyrene                                                                | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Butylbenzyl phthalate                                                 | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Benzo(a)anthracene                                                    | 0.002                                                 | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Dibenzo(a,h)anthracene                                                | NC                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Chrysene                                                              | 0.002                                                 | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| bis(2-Ethylhexyl)phthalate                                            | 5                                                     | <b>21.0</b>                                                | 1 J                                                        | ND                                                         | ND                                                           | 2.0 J                                                     | 2 J                                                        | ND                                                         | ND                                                           |
| Dimethylphthalate                                                     | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Benzo(b)fluoranthene                                                  | 0.002                                                 | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Benzo(k)fluoranthene                                                  | 0.002                                                 | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Benzo(a)pyrene                                                        | 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                                                           |
| Benzo(g,h,i)perylene                                                  | NC                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Number of TICs                                                        |                                                       | 3                                                          | 3                                                          | 3                                                          | 1                                                            | 2                                                         | 0                                                          | 9                                                          | 0                                                            |
| Total TICs                                                            |                                                       | 111 J                                                      | 32 J                                                       | 28 J                                                       | 4.1 NJ                                                       | 634 J                                                     | ND                                                         | 34 J                                                       | ND                                                           |

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-3<br>SMS-MW-3<br>E0153-05B<br>2/10/06<br>µg/L<br>conc Q | MW-3<br>SMS-MW-3<br>E1376-12B<br>9/12/06<br>µg/L<br>conc Q | MW-3<br>SMS-MW-3<br>F1135-12B<br>8/15/07<br>µg/L<br>conc Q | MW-3<br>SMS-ME-3<br>G2029-03C<br>11/4/2008<br>µg/L<br>conc Q | MW-4<br>SMS-MW-4<br>E0153-01B<br>2/9/06<br>µg/L<br>conc Q | MW-4<br>SMS-MW-4<br>E1376-14B<br>9/12/06<br>µg/L<br>conc Q | MW-4<br>SMS-MW-4<br>F1135-14B<br>8/15/07<br>µg/L<br>conc Q | MW-4<br>SMS-MW-4<br>G2029-04C<br>11/4/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|
| Phenol                                                                | 1                                                     | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| 1,3-Dichlorobenzene                                                   | 3                                                     | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| 1,4-Dichlorobenzene                                                   | 3                                                     | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Isophorone                                                            | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| 2,4-Dimethylphenol                                                    | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Naphthalene                                                           | 10                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Phenanthrene                                                          | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Di-n-butyl phthalate                                                  | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Fluoranthene                                                          | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Pyrene                                                                | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Butylbenzyl phthalate                                                 | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Benzo(a)anthracene                                                    | 0.002                                                 | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Dibenzo(a,h)anthracene                                                | NC                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Chrysene                                                              | 0.002                                                 | 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                                                           |
| Dimethylphthalate                                                     | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Benzo(b)fluoranthene                                                  | 0.002                                                 | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Benzo(k)fluoranthene                                                  | 0.002                                                 | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Benzo(a)pyrene                                                        | 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                                                           |
| Benzo(g,h,i)perylene                                                  | NC                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Number of TICs                                                        |                                                       | 3                                                          | 1                                                          | 4.0                                                        | 0.0                                                          | 1                                                         | 0                                                          | 7                                                          | 0                                                            |
| Total TICs                                                            |                                                       | 323 J                                                      | 7 J                                                        | 49 J                                                       | ND                                                           | 9 J                                                       | ND                                                         | 79 J                                                       | ND                                                           |

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

NA - Not analyzed  
B - Possible laboratory contamination  
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**TABLE 4**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-5<br>SMS-MW-5<br>E0136-19B<br>2/9/06<br>µg/L<br>conc Q | MW-5<br>SMS-MW-5<br>E1376-03B<br>9/11/06<br>µg/L<br>conc Q | MW-5<br>SMS-MW-5<br>F1135-03B<br>8/14/07<br>µg/L<br>conc Q | MW-5<br>SMS-MW-5<br>G2029-05C<br>11/4/2008<br>µg/L<br>conc Q | MW-6D<br>SMS-MW-6D<br>E0136-17B<br>2/9/06<br>µg/L<br>conc Q | MW-6D<br>SMS-MW-6D<br>E1376-05B<br>9/11/06<br>µg/L<br>conc Q | MW-6D<br>SMS-MW-6D<br>F1135-02B<br>8/14/07<br>µg/L<br>conc Q | MW-6D<br>SMS-MW-6D<br>G2029-07C<br>11/5/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------|
| Phenol                                                                | 1                                                     | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| 1,3-Dichlorobenzene                                                   | 3                                                     | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| 1,4-Dichlorobenzene                                                   | 3                                                     | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Isophorone                                                            | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| 2,4-Dimethylphenol                                                    | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Naphthalene                                                           | 10                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Phenanthrene                                                          | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                          | 2 J                                                          | ND                                                           | ND                                                             |
| Di-n-butyl phthalate                                                  | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                          | 2 J                                                          | ND                                                           | ND                                                             |
| Fluoranthene                                                          | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | 2.0 J                                                       | 2 J                                                          | ND                                                           | ND                                                             |
| Pyrene                                                                | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | 2.0 J                                                       | 2 J                                                          | ND                                                           | ND                                                             |
| Butylbenzyl phthalate                                                 | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Benzo(a)anthracene                                                    | 0.002                                                 | ND                                                        | ND                                                         | ND                                                         | ND                                                           | <b>1.0 J</b>                                                | ND                                                           | ND                                                           | ND                                                             |
| Dibenzo(a,h)anthracene                                                | NC                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Chrysene                                                              | 0.002                                                 | ND                                                        | ND                                                         | ND                                                         | ND                                                           | <b>2.0 J</b>                                                | ND                                                           | ND                                                           | ND                                                             |
| bis(2-Ethylhexyl)phthalate                                            | 5                                                     | ND                                                        | 1 J                                                        | ND                                                         | ND                                                           | <b>5.0 JB</b>                                               | 3 J                                                          | 4 J                                                          | 3 J                                                            |
| Dimethylphthalate                                                     | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Benzo(b)fluoranthene                                                  | 0.002                                                 | ND                                                        | ND                                                         | ND                                                         | ND                                                           | <b>2.0 J</b>                                                | ND                                                           | ND                                                           | ND                                                             |
| Benzo(k)fluoranthene                                                  | 0.002                                                 | ND                                                        | ND                                                         | ND                                                         | ND                                                           | <b>1.0 J</b>                                                | ND                                                           | ND                                                           | ND                                                             |
| Benzo(a)pyrene                                                        | ND                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | <b>2.0 J</b>                                                | ND                                                           | ND                                                           | ND                                                             |
| Indeno(1,2,3-cd)pyrene                                                | 0.002                                                 | ND                                                        | ND                                                         | ND                                                         | ND                                                           | <b>1.0 J</b>                                                | ND                                                           | ND                                                           | ND                                                             |
| Benzo(g,h,i)perylene                                                  | NC                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | 2.0 J                                                       | ND                                                           | ND                                                           | ND                                                             |
| Number of TICs                                                        |                                                       | 2                                                         | 0                                                          | 3                                                          | 0                                                            | 10                                                          | 0                                                            | 3                                                            | 6                                                              |
| Total TICs                                                            |                                                       | 353 J                                                     | ND                                                         | 28 J                                                       | ND                                                           | 963 J                                                       | ND                                                           | 29 J                                                         | 177.5 NJ                                                       |

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-6S<br>SMS-MW-6S<br>E0136-13C<br>2/8/06<br>µg/L<br>conc Q | MW-6S<br>SMS-MW-6S<br>E1376-01B<br>9/11/06<br>µg/L<br>conc Q | MW-6S<br>SMS-MW-6S<br>F1135-01B<br>8/14/07<br>µg/L<br>conc Q | MW-6S<br>SMS-MW-6S<br>G2029-08C<br>11/5/2008<br>µg/L<br>conc Q | MW-7<br>SMS-MW-7<br>E0203-01A<br>2/23/06<br>µg/L<br>conc Q | MW-7<br>SMS-MW-7<br>E1376-07B<br>9/11/06<br>µg/L<br>conc Q | MW-7<br>SMS-MW-7<br>F1135-04B<br>8/14/07<br>µg/L<br>conc Q | MW-7<br>SMS-MW-7<br>G2029-09C<br>11/5/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|
| Phenol                                                                | 1                                                     | ND                                                          | ND                                                           | ND                                                           | <b>1.2 J</b>                                                   | ND                                                         | ND                                                         | <b>1 J</b>                                                 | ND                                                           |
| 1,3-Dichlorobenzene                                                   | 3                                                     | 1.0 J                                                       | ND                                                           | ND                                                           | ND                                                             | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| 1,4-Dichlorobenzene                                                   | 3                                                     | 2.0 J                                                       | 1 J                                                          | ND                                                           | 1.3 J                                                          | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Isophorone                                                            | 50                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                             | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| 2,4-Dimethylphenol                                                    | 50                                                    | 1.0 J                                                       | ND                                                           | ND                                                           | ND                                                             | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Naphthalene                                                           | 10                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                             | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Phenanthrene                                                          | 50                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                             | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Di-n-butyl phthalate                                                  | 50                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                             | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Fluoranthene                                                          | 50                                                    | 1.0 J                                                       | ND                                                           | 2 J                                                          | 3 J                                                            | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Pyrene                                                                | 50                                                    | 1.0 J                                                       | ND                                                           | 1 J                                                          | 2 J                                                            | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Butylbenzyl phthalate                                                 | 50                                                    | 5.0 J                                                       | ND                                                           | ND                                                           | ND                                                             | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Benzo(a)anthracene                                                    | 0.002                                                 | ND                                                          | ND                                                           | <b>1 J</b>                                                   | <b>1.2 J</b>                                                   | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Dibenzo(a,h)anthracene                                                | NC                                                    | ND                                                          | ND                                                           | ND                                                           | 1.4 J                                                          | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Chrysene                                                              | 0.002                                                 | <b>1.0 J</b>                                                | ND                                                           | <b>2 J</b>                                                   | <b>2.2 J</b>                                                   | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| bis(2-Ethylhexyl)phthalate                                            | 5                                                     | <b>6.0 JB</b>                                               | 4 J                                                          | <b>6 J</b>                                                   | <b>12</b>                                                      | <b>11.0</b>                                                | ND                                                         | ND                                                         | ND                                                           |
| Dimethylphthalate                                                     | 50                                                    | ND                                                          | ND                                                           | ND                                                           | 1.1 J                                                          | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Benzo(b)fluoranthene                                                  | 0.002                                                 | <b>1.0 J</b>                                                | <b>1 J</b>                                                   | <b>3 J</b>                                                   | <b>8.4 J</b>                                                   | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Benzo(k)fluoranthene                                                  | 0.002                                                 | ND                                                          | ND                                                           | <b>1 J</b>                                                   | <b>6.5 J</b>                                                   | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Benzo(a)pyrene                                                        | ND                                                    | ND                                                          | ND                                                           | <b>2 J</b>                                                   | <b>3.1 J</b>                                                   | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Indeno(1,2,3-cd)pyrene                                                | 0.002                                                 | ND                                                          | ND                                                           | <b>2 J</b>                                                   | <b>4.9 J</b>                                                   | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Benzo(g,h,i)perylene                                                  | NC                                                    | 1.0 J                                                       | ND                                                           | 3 J                                                          | 6.4 J                                                          | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Number of TICs                                                        |                                                       | 19                                                          | 11                                                           | 8                                                            | 17                                                             | 6.0                                                        | 0                                                          | 3                                                          | 0                                                            |
| Total TICs                                                            |                                                       | 845 J                                                       | 57 J                                                         | 57 J                                                         | 114 NJ                                                         | 53 J                                                       | ND                                                         | 27 J                                                       | ND                                                           |

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-8<br>SMS-MW-8<br>E0136-01C<br>2/7/06<br>µg/L<br>conc Q | MW-8<br>SMS-MW-8<br>E1376-02B<br>9/11/06<br>µg/L<br>conc Q | MW-8<br>SMS-MW-8<br>F1135-07B<br>8/14/07<br>µg/L<br>conc Q | MW-8<br>SMS-MW-8<br>G2029-01C<br>11/4/2008<br>µg/L<br>conc Q | MW-9<br>SMS-MW-9<br>E0136-02C<br>2/7/06<br>µg/L<br>conc Q | MW-9<br>SMS-MW-9<br>E1376-15B<br>9/12/06<br>µg/L<br>conc Q | MW-9<br>SMS-MW-9<br>F1135-06B<br>8/14/07<br>µg/L<br>conc Q | MW-9<br>SMS-MW-9<br>G2029-16C<br>11/6/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|
| Phenol                                                                | 1                                                     | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| 1,3-Dichlorobenzene                                                   | 3                                                     | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| 1,4-Dichlorobenzene                                                   | 3                                                     | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Isophorone                                                            | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| 2,4-Dimethylphenol                                                    | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Naphthalene                                                           | 10                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | 1 J                                                        | ND                                                         | ND                                                           |
| Phenanthrene                                                          | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Di-n-butyl phthalate                                                  | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Fluoranthene                                                          | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Pyrene                                                                | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Butylbenzyl phthalate                                                 | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Benzo(a)anthracene                                                    | 0.002                                                 | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Dibenzo(a,h)anthracene                                                | NC                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Chrysene                                                              | 0.002                                                 | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| bis(2-Ethylhexyl)phthalate                                            | 5                                                     | 2.0 J                                                     | ND                                                         | ND                                                         | ND                                                           | 2.0 J                                                     | 3 J                                                        | ND                                                         | ND                                                           |
| Dimethylphthalate                                                     | 50                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Benzo(b)fluoranthene                                                  | 0.002                                                 | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Benzo(k)fluoranthene                                                  | 0.002                                                 | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Benzo(a)pyrene                                                        | 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                                                           |
| Benzo(g,h,i)perylene                                                  | NC                                                    | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Number of TICs                                                        |                                                       | 9                                                         | 0                                                          | 3                                                          | 0                                                            | 8                                                         | 4                                                          | 2                                                          | 9                                                            |
| Total TICs                                                            |                                                       | 53 J                                                      | ND                                                         | 25 J                                                       | ND                                                           | 198 J                                                     | 26 J                                                       | 19 J                                                       | 111.3 NJ                                                     |

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-11<br>SMS-MW-11<br>E0136-05C<br>2/8/06<br>µg/L<br>conc Q | MW-11<br>SMS-MW-11<br>E1400-06B<br>9/13/06<br>µg/L<br>conc Q | MW-11<br>SMS-MW-11<br>8/14/07<br>µg/L<br>conc Q | MW-11<br>SMS-MW-11<br>8/14/07<br>µg/L<br>conc Q | MW-12<br>SMS-MW-12<br>E0136-06C<br>2/8/06<br>µg/L<br>conc Q | MW-12<br>SMS-MW-12<br>E1400-05B<br>9/13/06<br>µg/L<br>conc Q | MW-12<br>SMS-MW-12<br>F1159-04B<br>8/17/07<br>µg/L<br>conc Q | MW-12<br>SMS-MW-12<br>G2029-23C<br>11/7/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------|
| Phenol                                                                | 1                                                     | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| 1,3-Dichlorobenzene                                                   | 3                                                     | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| 1,4-Dichlorobenzene                                                   | 3                                                     | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Isophorone                                                            | 50                                                    | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| 2,4-Dimethylphenol                                                    | 50                                                    | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Naphthalene                                                           | 10                                                    | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Phenanthrene                                                          | 50                                                    | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Di-n-butyl phthalate                                                  | 50                                                    | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Fluoranthene                                                          | 50                                                    | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Pyrene                                                                | 50                                                    | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Butylbenzyl phthalate                                                 | 50                                                    | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Benzo(a)anthracene                                                    | 0.002                                                 | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Dibenzo(a,h)anthracene                                                | NC                                                    | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Chrysene                                                              | 0.002                                                 | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| bis(2-Ethylhexyl)phthalate                                            | 5                                                     | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | 1 J                                                          | ND                                                           | ND                                                             |
| Dimethylphthalate                                                     | 50                                                    | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Benzo(b)fluoranthene                                                  | 0.002                                                 | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Benzo(k)fluoranthene                                                  | 0.002                                                 | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Benzo(a)pyrene                                                        | ND                                                    | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Indeno(1,2,3-cd)pyrene                                                | 0.002                                                 | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Benzo(g,h,i)perylene                                                  | NC                                                    | ND                                                          | ND                                                           | NA                                              | NA                                              | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Number of TICs                                                        |                                                       | 3                                                           | 0                                                            |                                                 |                                                 | 4                                                           | 0                                                            | 3                                                            | 0                                                              |
| Total TICs                                                            |                                                       | 552 J                                                       | ND                                                           | NA                                              | NA                                              | 229 J                                                       | ND                                                           | 32 J                                                         | ND                                                             |

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-13<br>SMS-MW-13<br>E0136-07C<br>2/8/06<br>µg/L<br>conc Q | MW-13<br>SMS-MW-13<br>E1400-01B<br>9/13/06<br>µg/L<br>conc Q | MW-13<br>SMS-MW-13<br>F1159-03B<br>8/17/07<br>µg/L<br>conc Q | MW-13<br>SMS-MW-13S<br>G2029-21C<br>11/7/2008<br>µg/L<br>conc Q | MW-13D<br>SMS-MW-13D<br>E0136-09C<br>2/8/06<br>µg/L<br>conc Q | MW-13D<br>SMS-MW-13D<br>E1400-02B<br>9/13/06<br>µg/L<br>conc Q | MW-13D<br>SMS-MW-13D<br>F1159-02A<br>8/17/07<br>µg/L<br>conc Q | MW-13D<br>SMS-MW-13D<br>G2029-22C<br>11/7/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------|
| Phenol                                                                | 1                                                     | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| 1,3-Dichlorobenzene                                                   | 3                                                     | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| 1,4-Dichlorobenzene                                                   | 3                                                     | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Isophorone                                                            | 50                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                              | 2.0 J                                                         | ND                                                             | ND                                                             | ND                                                               |
| 2,4-Dimethylphenol                                                    | 50                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Naphthalene                                                           | 10                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Phenanthrene                                                          | 50                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Di-n-butyl phthalate                                                  | 50                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Fluoranthene                                                          | 50                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Pyrene                                                                | 50                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Butylbenzyl phthalate                                                 | 50                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Benzo(a)anthracene                                                    | 0.002                                                 | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Dibenzo(a,h)anthracene                                                | NC                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Chrysene                                                              | 0.002                                                 | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| bis(2-Ethylhexyl)phthalate                                            | 5                                                     | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Dimethylphthalate                                                     | 50                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Benzo(b)fluoranthene                                                  | 0.002                                                 | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Benzo(k)fluoranthene                                                  | 0.002                                                 | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Benzo(a)pyrene                                                        | 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                                                               |
| Benzo(g,h,i)perylene                                                  | NC                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                              | ND                                                            | ND                                                             | ND                                                             | ND                                                               |
| Number of TICs                                                        |                                                       | 4                                                           | 1                                                            | 7                                                            | 3                                                               | 3                                                             | 0                                                              | 4                                                              | 5                                                                |
| Total TICs                                                            |                                                       | 290 J                                                       | 8 J                                                          | 51 J                                                         | 50.6 NJ                                                         | 256 J                                                         | ND                                                             | 35 J                                                           | 45.2 NJ                                                          |

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

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

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-16D<br>SMS-MW-16D<br>E0136-16B<br>2/9/06<br>µg/L<br>conc Q | MW-16D<br>SMS-MW-16D<br>E1400-03B<br>9/13/06<br>µg/L<br>conc Q | MW-16D<br>SMS-MW-16D<br>F1135-09B<br>8/13/07<br>µg/L<br>conc Q | MW-16D<br>SMS-MW-16D<br>G2029-14C<br>11/6/2008<br>µg/L<br>conc Q | MW-16M<br>SMS-MW-16M<br>E0136-15B<br>2/9/06<br>µg/L<br>conc Q | MW-16M<br>SMS-MW-16M<br>E1376-10B<br>9/12/06<br>µg/L<br>conc Q | MW-16M<br>SMS-MW-16M<br>F1135-10B<br>08-13-07<br>µg/L<br>conc Q | MW-16M<br>SMS-MW-16M<br>G2029-13C<br>11/6/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|
| Phenol                                                                | 1                                                     | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| 1,3-Dichlorobenzene                                                   | 3                                                     | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| 1,4-Dichlorobenzene                                                   | 3                                                     | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Isophorone                                                            | 50                                                    | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| 2,4-Dimethylphenol                                                    | 50                                                    | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Naphthalene                                                           | 10                                                    | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Phenanthrene                                                          | 50                                                    | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Di-n-butyl phthalate                                                  | 50                                                    | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Fluoranthene                                                          | 50                                                    | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Pyrene                                                                | 50                                                    | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Butylbenzyl phthalate                                                 | 50                                                    | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Benzo(a)anthracene                                                    | 0.002                                                 | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Dibenzo(a,h)anthracene                                                | NC                                                    | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Chrysene                                                              | 0.002                                                 | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| bis(2-Ethylhexyl)phthalate                                            | 5                                                     | <b>190 DB</b>                                                 | ND                                                             | 2 J                                                            | ND                                                               | 2.0 JB                                                        | ND                                                             | 1.0 J                                                           | ND                                                               |
| Dimethylphthalate                                                     | 50                                                    | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Benzo(b)fluoranthene                                                  | 0.002                                                 | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Benzo(k)fluoranthene                                                  | 0.002                                                 | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Benzo(a)pyrene                                                        | 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                                                               |
| Benzo(g,h,i)perylene                                                  | NC                                                    | ND                                                            | ND                                                             | ND                                                             | ND                                                               | ND                                                            | ND                                                             | ND                                                              | ND                                                               |
| Number of TICs                                                        |                                                       | 2                                                             | 0                                                              | 4                                                              | 1                                                                | 4                                                             | 0                                                              | 3                                                               | 1                                                                |
| Total TICs                                                            |                                                       | 140 J                                                         | ND                                                             | 31 J                                                           | 4.2 J                                                            | 329 J                                                         | ND                                                             | 28 J                                                            | 9 NJ                                                             |

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-16S<br>SMS-MW-16S<br>E0136-12C<br>2/8/06<br>µg/L<br>conc Q | MW-16S<br>SMS-MW-16S<br>E1376-09B<br>09-12-06<br>µg/L<br>conc Q | MW-16S<br>SMS-MW-16S<br>F1135-16B<br>08-16-07<br>µg/L<br>conc Q | MW-16S<br>SMS-MW-16S<br>G2029-12C<br>11/6/2008<br>µg/L<br>conc Q | MW-17<br>SMS-MW-17<br>E0136-18B<br>2/9/06<br>µg/L<br>conc Q | MW-17<br>SMS-MW-17<br>E1453-01A<br>09-21-06<br>µg/L<br>conc Q | MW-17<br>SMS-MW-17<br>F1135-15B<br>08-16-07<br>µg/L<br>conc Q | MW-17<br>SMS-MW-17<br>G2029-11C<br>11/6/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|
| Phenol                                                                | 1                                                     | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| 1,3-Dichlorobenzene                                                   | 3                                                     | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| 1,4-Dichlorobenzene                                                   | 3                                                     | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Isophorone                                                            | 50                                                    | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| 2,4-Dimethylphenol                                                    | 50                                                    | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Naphthalene                                                           | 10                                                    | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Phenanthrene                                                          | 50                                                    | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Di-n-butyl phthalate                                                  | 50                                                    | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Fluoranthene                                                          | 50                                                    | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Pyrene                                                                | 50                                                    | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Butylbenzyl phthalate                                                 | 50                                                    | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Benzo(a)anthracene                                                    | 0.002                                                 | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Dibenzo(a,h)anthracene                                                | NC                                                    | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Chrysene                                                              | 0.002                                                 | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| bis(2-Ethylhexyl)phthalate                                            | 5                                                     | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | 1 J                                                           | ND                                                            | ND                                                             |
| Dimethylphthalate                                                     | 50                                                    | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Benzo(b)fluoranthene                                                  | 0.002                                                 | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Benzo(k)fluoranthene                                                  | 0.002                                                 | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Benzo(a)pyrene                                                        | 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                                                             |
| Benzo(g,h,i)perylene                                                  | NC                                                    | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Number of TICs                                                        |                                                       | 3                                                             | 1                                                               | 3                                                               | 3                                                                | 2                                                           | 5                                                             | 3                                                             | 0                                                              |
| Total TICs                                                            |                                                       | 188 J                                                         | 23 J                                                            | 27 J                                                            | 111.8 J                                                          | 102 J                                                       | 30 J                                                          | 28 J                                                          | ND                                                             |

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**TARGET ANALYTE LIST METALS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | EW-1<br>SMS-EW-1<br>E0136-20B<br>2/9/06<br>µg/L<br>conc Q | EW-1<br>SMS-EW-1<br>9/12/06<br>µg/L<br>conc Q | EW-1<br>SMS-EW-1<br>8-14-07<br>µg/L<br>conc Q | EW-1<br>SMS-EW-1<br>11/5/08<br>µg/L<br>conc Q | EW-2<br>SMS-EW-2<br>E0203-03<br>2/23/06<br>µg/L<br>conc Q | EW-2<br>SMS-EW-2<br>9/12/06<br>µg/L<br>conc Q | EW-2<br>SMS-EW-2<br>8-14-07<br>µg/L<br>conc Q | EW-2<br>SMS-EW-2<br>11/5/08<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Aluminum                                                              | NC                                                    | 28.8 BE                                                   | NA                                            | NA                                            | NA                                            | 77.2 B                                                    | NA                                            | NA                                            | NA                                            |
| Antimony                                                              | 3                                                     | ND                                                        | NA                                            | NA                                            | NA                                            | <b>4.0</b> B                                              | NA                                            | NA                                            | NA                                            |
| Arsenic                                                               | 25                                                    | ND                                                        | NA                                            | NA                                            | NA                                            | 1.6 B                                                     | NA                                            | NA                                            | NA                                            |
| Barium                                                                | 1,000                                                 | 34.1 B                                                    | NA                                            | NA                                            | NA                                            | 88.3 B                                                    | NA                                            | NA                                            | NA                                            |
| Beryllium                                                             | 3                                                     | ND                                                        | NA                                            | NA                                            | NA                                            | 0.15 B                                                    | NA                                            | NA                                            | NA                                            |
| Cadmium                                                               | 5                                                     | 0.97 B                                                    | NA                                            | NA                                            | NA                                            | ND                                                        | NA                                            | NA                                            | NA                                            |
| Calcium                                                               | NC                                                    | 13,300 E                                                  | NA                                            | NA                                            | NA                                            | 22,400                                                    | NA                                            | NA                                            | NA                                            |
| Chromium                                                              | 50                                                    | 3.4 B                                                     | NA                                            | NA                                            | NA                                            | 8.3 B                                                     | NA                                            | NA                                            | NA                                            |
| Cobalt                                                                | NC                                                    | 4.4 BE                                                    | NA                                            | NA                                            | NA                                            | 1.3 B                                                     | NA                                            | NA                                            | NA                                            |
| Copper                                                                | 200                                                   | 8.9 B                                                     | NA                                            | NA                                            | NA                                            | 4.6 B                                                     | NA                                            | NA                                            | NA                                            |
| Iron                                                                  | 300                                                   | <b>3,650</b> NE                                           | NA                                            | NA                                            | NA                                            | <b>2,670</b>                                              | NA                                            | NA                                            | NA                                            |
| Lead                                                                  | 25                                                    | 0.93 B                                                    | NA                                            | NA                                            | NA                                            | 3.6 B                                                     | NA                                            | NA                                            | NA                                            |
| Magnesium                                                             | 35,000                                                | 2,000 E                                                   | NA                                            | NA                                            | NA                                            | 3,780                                                     | NA                                            | NA                                            | NA                                            |
| Manganese                                                             | 300                                                   | <b>684</b> E                                              | NA                                            | NA                                            | NA                                            | 200                                                       | NA                                            | NA                                            | NA                                            |
| Mercury                                                               | 0.7                                                   | ND                                                        | NA                                            | NA                                            | NA                                            | ND                                                        | NA                                            | NA                                            | NA                                            |
| Nickel                                                                | 100                                                   | 4.3 B                                                     | NA                                            | NA                                            | NA                                            | 9.4 B                                                     | NA                                            | NA                                            | NA                                            |
| Potassium                                                             | NC                                                    | 2,810                                                     | NA                                            | NA                                            | NA                                            | 9,610                                                     | NA                                            | NA                                            | NA                                            |
| Selenium                                                              | 10                                                    | 3.3 B                                                     | NA                                            | NA                                            | NA                                            | 2.0 B                                                     | NA                                            | NA                                            | NA                                            |
| Silver                                                                | 50                                                    | ND                                                        | NA                                            | NA                                            | NA                                            | 1.8 B                                                     | NA                                            | NA                                            | NA                                            |
| Sodium                                                                | 20,000                                                | 17,300 E                                                  | NA                                            | NA                                            | NA                                            | 18,400                                                    | NA                                            | NA                                            | NA                                            |
| Thallium                                                              | 0.5                                                   | <b>4.3</b> B                                              | NA                                            | NA                                            | NA                                            | <b>2.6</b> B                                              | NA                                            | NA                                            | NA                                            |
| Vanadium                                                              | NC                                                    | 0.92 B                                                    | NA                                            | NA                                            | NA                                            | ND                                                        | NA                                            | NA                                            | NA                                            |
| Zinc                                                                  | 2,000                                                 | 52.7 E                                                    | NA                                            | NA                                            | NA                                            | 126                                                       | 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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**TARGET ANALYTE LIST METALS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-1<br>SMS-MW-1<br>E0153-03C<br>2/10/06<br>µg/L<br>conc Q | MW-1<br>SMS-MW-1<br>E1376-16C<br>9/12/06<br>µg/L<br>conc Q | MW-1<br>SMS-MW-1<br>F1135-05C<br>8-14-07<br>µg/L<br>conc Q | MW-1<br>SMS-MW-1<br>G2029-10C<br>11/5/08<br>µg/L<br>conc Q | MW-2<br>SMS-MW-2<br>E0136-03B<br>2/7/06<br>µg/L<br>conc Q | MW-2<br>SMS-MW-2<br>E1376-17C<br>9/12/06<br>µg/L<br>conc Q | MW-2<br>SMS-MW-2<br>F1135-13C<br>8-15-07<br>µg/L<br>conc Q | MW-2<br>SMS-MW-2<br>G2029-02C<br>11/4/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|
| Aluminum                                                              | NC                                                    | 236 E                                                      | 319                                                        | 4,360                                                      | 705                                                        | 1,930 E                                                   | 6,060                                                      | 3,440                                                      | 929                                                          |
| Antimony                                                              | 3                                                     | <b>3.3 B</b>                                               | ND                                                         | <b>12.6 B</b>                                              | ND                                                         | 2.2 B                                                     | ND                                                         | <b>8.9 B</b>                                               | ND                                                           |
| Arsenic                                                               | 25                                                    | 3.5 B                                                      | ND                                                         | ND                                                         | ND                                                         | 2.6 B                                                     | 4.4 B                                                      | ND                                                         | ND                                                           |
| Barium                                                                | 1,000                                                 | 48.7 B                                                     | 71.5 B                                                     | 91 B                                                       | 76.7 B                                                     | 28.2 B                                                    | 63.2 B                                                     | 78.9 B                                                     | 64.5 B                                                       |
| Beryllium                                                             | 3                                                     | ND                                                         | ND                                                         | 0.48 B                                                     | 0.19 B                                                     | ND                                                        | 0.27 B                                                     | 0.30 B                                                     | 0.17 B                                                       |
| Cadmium                                                               | 5                                                     | 0.67 B                                                     | 0.19 B                                                     | 0.39 B                                                     | 0.6 B                                                      | 4.1 B                                                     | 3.2 B                                                      | 3.9 B                                                      | <b>9.2</b>                                                   |
| Calcium                                                               | NC                                                    | 24,000                                                     | 19,500                                                     | 20,100                                                     | 38,600                                                     | 13,100 E                                                  | 18,300                                                     | 19,700                                                     | 24,700                                                       |
| Chromium                                                              | 50                                                    | 9.6 B                                                      | 2.7 B                                                      | 18 B                                                       | 12.3 B                                                     | 12.1 B                                                    | 16.9 B                                                     | 12.6 B                                                     | 6.5 B                                                        |
| Cobalt                                                                | NC                                                    | 2.5 B                                                      | 1.2 B                                                      | 9.3 B                                                      | 4.0 B                                                      | 2.4 BE                                                    | 3.7 B                                                      | 4.4 B                                                      | 1.3 B                                                        |
| Copper                                                                | 200                                                   | 16.8 B                                                     | ND                                                         | 33.8                                                       | 41.3                                                       | 43.0                                                      | 35.6                                                       | 37.0                                                       | 37.5                                                         |
| Iron                                                                  | 300                                                   | <b>30,000 E</b>                                            | <b>12,500</b>                                              | <b>110,000</b>                                             | <b>50,300</b>                                              | <b>28,100 NE</b>                                          | <b>25,100</b>                                              | <b>40,400</b>                                              | <b>20,500</b>                                                |
| Lead                                                                  | 25                                                    | 3.2 B                                                      | 0.95 B                                                     | 17.3                                                       | 6.5 B                                                      | <b>135</b>                                                | <b>128</b>                                                 | <b>197</b>                                                 | <b>271</b>                                                   |
| Magnesium                                                             | 35,000                                                | 4,610 E                                                    | 3,370                                                      | 4,230                                                      | 6,880                                                      | 3,380 E                                                   | 4,660                                                      | 4590                                                       | 5,950                                                        |
| Manganese                                                             | 300                                                   | 226 E                                                      | 126                                                        | <b>585</b>                                                 | <b>724</b>                                                 | 221 E                                                     | <b>715</b>                                                 | <b>1,080</b>                                               | 295                                                          |
| Mercury                                                               | 0.7                                                   | ND                                                         | ND                                                         | 0.066 B                                                    | ND                                                         | ND                                                        | ND                                                         | 0.055 B                                                    | ND                                                           |
| Nickel                                                                | 100                                                   | 13.9 B                                                     | 4.8 B                                                      | 19.8 B                                                     | 16.7 B                                                     | 13.6 B                                                    | 14.0 B                                                     | 10.9 B                                                     | 5.6 B                                                        |
| Potassium                                                             | NC                                                    | 7,940                                                      | 9,380                                                      | 4,450                                                      | 9,970                                                      | 4,210                                                     | 6,750                                                      | 14,100                                                     | 11,100                                                       |
| Selenium                                                              | 10                                                    | ND                                                         | ND                                                         | <b>29.5 B</b>                                              | ND                                                         | 5.1 B                                                     | ND                                                         | <b>14.5 B</b>                                              | ND                                                           |
| Silver                                                                | 50                                                    | ND                                                         | ND                                                         | ND                                                         | ND                                                         | ND                                                        | ND                                                         | ND                                                         | 1.2 B                                                        |
| Sodium                                                                | 20,000                                                | <b>28,400</b>                                              | <b>27,200</b>                                              | <b>73,900</b>                                              | <b>32,200</b>                                              | 8,240 E                                                   | 16,500                                                     | <b>20,100</b>                                              | <b>25,900</b>                                                |
| Thallium                                                              | 0.5                                                   | ND                                                         | ND                                                         | <b>18.5 B</b>                                              | ND                                                         | <b>1.2 B</b>                                              | ND                                                         | <b>2.5 B</b>                                               | ND                                                           |
| Vanadium                                                              | NC                                                    | 1.3 B                                                      | 0.85 B                                                     | 9.3 B                                                      | 2.0 B                                                      | 11.1 B                                                    | 18.8 B                                                     | 14.6 B                                                     | 6.0 B                                                        |
| Zinc                                                                  | 2,000                                                 | 55.1                                                       | 87.1                                                       | 234                                                        | 128                                                        | <b>4,620 E</b>                                            | <b>2,720</b>                                               | <b>3,360</b>                                               | <b>4,230</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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**TARGET ANALYTE LIST METALS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-3<br>SMS-MW-3<br>E0153-05C<br>2/10/06<br>µg/L<br>conc Q | MW-3<br>SMS-MW-3<br>E1376-12C<br>9-12-06<br>µg/L<br>conc Q | MW-3<br>SMS-MW-3<br>F1135-12C<br>8-15-07<br>µg/L<br>conc Q | MW-3<br>SMS-ME-3<br>G2029-03C<br>11/4/2008<br>µg/L<br>conc Q | MW-4<br>SMS-MW-4<br>E0153-01C<br>2/9/06<br>µg/L<br>conc Q | MW-4<br>SMS-MW-4<br>E1376-14C<br>9/12/06<br>µg/L<br>conc Q | MW-4<br>SMS-MW-4<br>F1135-14C<br>8-15-07<br>µg/L<br>conc Q | MW-4<br>SMS-MW-4<br>G2029-04C<br>11/4/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|
| Aluminum                                                              | NC                                                    | 886 E                                                      | 1,860                                                      | 1,860                                                      | 184 B                                                        | 139 BE                                                    | 114 B                                                      | 876                                                        | 208                                                          |
| Antimony                                                              | 3                                                     | 2.3 B                                                      | ND                                                         | <b>8.6 B</b>                                               | ND                                                           | <b>4.7 B</b>                                              | 2.5 B                                                      | <b>11.2 B</b>                                              | ND                                                           |
| Arsenic                                                               | 25                                                    | 2.2 B                                                      | 3.0 B                                                      | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Barium                                                                | 1,000                                                 | 72.7 B                                                     | 49.8 B                                                     | 56.9 B                                                     | 49.8 B                                                       | 31.8 B                                                    | 26 B                                                       | 64 B                                                       | 53.8 B                                                       |
| Beryllium                                                             | 3                                                     | ND                                                         | ND                                                         | 0.16 B                                                     | ND                                                           | ND                                                        | ND                                                         | ND                                                         | 0.15 B                                                       |
| Cadmium                                                               | 5                                                     | 1.6 B                                                      | 1.0 B                                                      | 1.3 B                                                      | 0.24 B                                                       | 0.51 B                                                    | ND                                                         | ND                                                         | 0.4 B                                                        |
| Calcium                                                               | NC                                                    | 32,500                                                     | 25,000                                                     | 23,000                                                     | 25,200                                                       | 16,300                                                    | 25,400                                                     | 21,400                                                     | 12,800                                                       |
| Chromium                                                              | 50                                                    | 15.4 B                                                     | 10.6 B                                                     | 12.6 B                                                     | 3.5 B                                                        | 2.4 B                                                     | 2.3 B                                                      | 5.7 B                                                      | 5.0 B                                                        |
| Cobalt                                                                | NC                                                    | 3.6 B                                                      | 2.2 B                                                      | 4.4 B                                                      | ND                                                           | 2.1 B                                                     | 0.79 B                                                     | 3.2 B                                                      | 3.0 B                                                        |
| Copper                                                                | 200                                                   | 29.8 B                                                     | 21.6 B                                                     | 27.1 B                                                     | 14.4 B                                                       | ND                                                        | ND                                                         | ND                                                         | 12.0 B                                                       |
| Iron                                                                  | 300                                                   | <b>26,700 E</b>                                            | <b>20,400</b>                                              | <b>46,400</b>                                              | <b>12,600</b>                                                | <b>47,800 E</b>                                           | <b>23,800</b>                                              | <b>78,200</b>                                              | <b>20,800</b>                                                |
| Lead                                                                  | 25                                                    | 6.8 B                                                      | 4.3 B                                                      | 9.5 B                                                      | 4.8 B                                                        | 1.5 B                                                     | ND                                                         | 4.5 B                                                      | 5.5 B                                                        |
| Magnesium                                                             | 35,000                                                | 4,790 E                                                    | 3,630                                                      | 3,550                                                      | 3,950                                                        | 3,020 E                                                   | 1,500                                                      | 1,470                                                      | 1,110                                                        |
| Manganese                                                             | 300                                                   | <b>399 E</b>                                               | <b>502</b>                                                 | <b>910</b>                                                 | <b>499</b>                                                   | <b>544 E</b>                                              | 210                                                        | <b>686</b>                                                 | <b>541</b>                                                   |
| Mercury                                                               | 0.7                                                   | ND                                                         | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Nickel                                                                | 100                                                   | 18.5 B                                                     | 8.5 B                                                      | 12.3 B                                                     | 2.2 B                                                        | 6.6 B                                                     | 2.1 B                                                      | 5.3 B                                                      | 3.7 B                                                        |
| Potassium                                                             | NC                                                    | 10,300                                                     | 7,410                                                      | 9,170                                                      | 6,830                                                        | 2,370                                                     | 5,600                                                      | 5,690                                                      | 1,790                                                        |
| Selenium                                                              | 10                                                    | ND                                                         | ND                                                         | <b>15.2 B</b>                                              | ND                                                           | 3.5 B                                                     | ND                                                         | <b>14.1 B</b>                                              | ND                                                           |
| Silver                                                                | 50                                                    | 1.6 B                                                      | ND                                                         | ND                                                         | 0.99 B                                                       | ND                                                        | ND                                                         | ND                                                         | 1.5 B                                                        |
| Sodium                                                                | 20,000                                                | 16,900                                                     | <b>20,000</b>                                              | 12,700                                                     | 17,600                                                       | 6,310                                                     | 3,990                                                      | 3,600                                                      | 3,030                                                        |
| Thallium                                                              | 0.5                                                   | ND                                                         | ND                                                         | <b>4.7 B</b>                                               | ND                                                           | ND                                                        | ND                                                         | <b>9.7 B</b>                                               | ND                                                           |
| Vanadium                                                              | NC                                                    | 3.5 B                                                      | 5.2 B                                                      | 4.6 B                                                      | 1.2 B                                                        | 2.1 B                                                     | 2.5 B                                                      | 5.1 B                                                      | 3.0 B                                                        |
| Zinc                                                                  | 2,000                                                 | 66.1                                                       | 52.6                                                       | 59.8                                                       | 47.7 B                                                       | 35.2 B                                                    | 32.4 B                                                     | 42.5 B                                                     | 51.2                                                         |

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

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

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-5<br>SMS-MW-5<br>E0136-19C<br>2/9/06<br>µg/L<br>conc Q | MW-5<br>SMS-MW-5<br>E1376-03C<br>9/11/06<br>µg/L<br>conc Q | MW-5<br>SMS-MW-5<br>F1135-03C<br>8-14-07<br>µg/L<br>conc Q | MW-5<br>SMS-MW-5<br>G2029-05C<br>11/4/2008<br>µg/L<br>conc Q | MW-6D<br>SMS-MW-6D<br>E0136-17C<br>2/9/06<br>µg/L<br>conc Q | MW-6D<br>SMS-MW-6D<br>E1376-05C<br>9/11/06<br>µg/L<br>conc Q | MW-6D<br>SMS-MW-6D<br>F1135-02C<br>8-14-07<br>µg/L<br>conc Q | MW-6D<br>SMS-MW-6D<br>G2029-07C<br>11/5/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------|
| Aluminum                                                              | NC                                                    | 284 E                                                     | 1140                                                       | 583                                                        | 130 B                                                        | 2,340 E                                                     | 197 B                                                        | 416                                                          | 254                                                            |
| Antimony                                                              | 3                                                     | 1.7 B                                                     | 2.0 B                                                      | <b>8.8 B</b>                                               | ND                                                           | 2.3 B                                                       | 2.3 B                                                        | <b>6.2 B</b>                                                 | ND                                                             |
| Arsenic                                                               | 25                                                    | 6.9 B                                                     | 5.5 B                                                      | 2.0 B                                                      | ND                                                           | 5.1 B                                                       | 1.7 B                                                        | ND                                                           | ND                                                             |
| Barium                                                                | 1,000                                                 | 22.3 B                                                    | 39.2 B                                                     | 199 B                                                      | 190 B                                                        | 52.1 B                                                      | 60 B                                                         | 16.5 B                                                       | 24.4 B                                                         |
| Beryllium                                                             | 3                                                     | ND                                                        | ND                                                         | 0.16 B                                                     | 0.14 B                                                       | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Cadmium                                                               | 5                                                     | <b>5.8</b>                                                | 3.4 B                                                      | <b>8.4</b>                                                 | <b>5.0 B</b>                                                 | 4.1 B                                                       | 0.37 B                                                       | 0.76 B                                                       | 1.4 B                                                          |
| Calcium                                                               | NC                                                    | 10,500 E                                                  | 15,100                                                     | 21,600                                                     | 13,400                                                       | 24,000 E                                                    | 22,400                                                       | 13,700                                                       | 18,800                                                         |
| Chromium                                                              | 50                                                    | 8.8 B                                                     | 18.1 B                                                     | 17.5 B                                                     | 3.5 B                                                        | 16.7 B                                                      | 6.7 B                                                        | 4.9 B                                                        | 4.0 B                                                          |
| Cobalt                                                                | NC                                                    | 2.3 BE                                                    | 2.4 B                                                      | 5.0 B                                                      | 4.8 B                                                        | 28.2 BE                                                     | 54.1                                                         | 10.8 B                                                       | 6.5 B                                                          |
| Copper                                                                | 200                                                   | 30.9                                                      | 30.0 B                                                     | 24.5 B                                                     | 35.5                                                         | 74.5                                                        | 9.3 B                                                        | 20.7 B                                                       | 27.9 B                                                         |
| Iron                                                                  | 300                                                   | <b>44,700 NE</b>                                          | <b>23,400</b>                                              | <b>61,000</b>                                              | <b>8,990</b>                                                 | <b>72,300 NE</b>                                            | <b>9,810</b>                                                 | <b>39,300</b>                                                | <b>5,350</b>                                                   |
| Lead                                                                  | 25                                                    | 4.2 B                                                     | 7.9 B                                                      | 8.4 B                                                      | 4.0 B                                                        | 21.7                                                        | ND                                                           | 4.7 B                                                        | 5.5 B                                                          |
| Magnesium                                                             | 35,000                                                | 1,560 E                                                   | 2,500                                                      | 3,570                                                      | 2,150                                                        | 5,140 E                                                     | 5,780                                                        | 1,210                                                        | 2,320                                                          |
| Manganese                                                             | 300                                                   | 291 E                                                     | <b>551</b>                                                 | <b>548</b>                                                 | <b>777</b>                                                   | <b>593 E</b>                                                | 276                                                          | 256                                                          | 281                                                            |
| Mercury                                                               | 0.7                                                   | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                          | ND                                                           | ND                                                           | ND                                                             |
| Nickel                                                                | 100                                                   | 13.4 B                                                    | 12.8 B                                                     | 13.7 B                                                     | 6.7 B                                                        | 25.8 B                                                      | 12.9 B                                                       | 12.7 B                                                       | 5.2 B                                                          |
| Potassium                                                             | NC                                                    | 2,240                                                     | 3,100                                                      | 3050                                                       | 2,360                                                        | 3,180                                                       | 3,480                                                        | 2,790                                                        | 1,720                                                          |
| Selenium                                                              | 10                                                    | 6.3 B                                                     | ND                                                         | <b>13.4 B</b>                                              | ND                                                           | <b>12.5 B</b>                                               | ND                                                           | 3.9 B                                                        | ND                                                             |
| Silver                                                                | 50                                                    | ND                                                        | ND                                                         | ND                                                         | 1.1 B                                                        | ND                                                          | ND                                                           | ND                                                           | 0.75 B                                                         |
| Sodium                                                                | 20,000                                                | 3,670 E                                                   | 5,230                                                      | 12,600                                                     | 3,690                                                        | 13,100 E                                                    | <b>31,100</b>                                                | 16,000                                                       | 3,380                                                          |
| Thallium                                                              | 0.5                                                   | ND                                                        | ND                                                         | <b>9.4 B</b>                                               | ND                                                           | ND                                                          | ND                                                           | <b>10.6 B</b>                                                | ND                                                             |
| Vanadium                                                              | NC                                                    | 4.3 B                                                     | 7.3 B                                                      | 8.1 B                                                      | 1.1 B                                                        | 9.8 B                                                       | 1.1 B                                                        | 1.5 B                                                        | 1.2 B                                                          |
| Zinc                                                                  | 2,000                                                 | 44.3 BE                                                   | 40.2 B                                                     | 40.6 B                                                     | 39.6 B                                                       | 225 E                                                       | 113                                                          | 76.2                                                         | 76.8                                                           |

Notes: B - Estimated value  
**Bold/Italics** - Exceeds criterion  
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ND - Not Detected  
NA - Not Analyzed

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

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-6S<br>SMS-MW-6S<br>E0136-13B<br>2/8/06<br>µg/L<br>conc Q | MW-6S<br>SMS-MW-6S<br>E1376-01C<br>9-11-06<br>µg/L<br>conc Q | MW-6S<br>SMS-MW-6S<br>F1135-01C<br>8-14-07<br>µg/L<br>conc Q | MW-6S<br>SMS-MW-6S<br>G2029-08C<br>11/5/2008<br>µg/L<br>conc Q | MW-7<br>SMS-MW-7<br>E0153-07C<br>2/10/06<br>µg/L<br>conc Q | MW-7<br>SMS-MW-7<br>E1376-07C<br>9-11-06<br>µg/L<br>conc Q | MW-7<br>SMS-MW-7<br>F1135-04C<br>8-14-07<br>µg/L<br>conc Q | MW-7<br>SMS-MW-7<br>G2029-09C<br>11/5/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|
| Aluminum                                                              | NC                                                    | 2,740 E                                                     | 2790                                                         | 8,920                                                        | 21,400                                                         | 161 BE                                                     | 816                                                        | 410                                                        | 106 B                                                        |
| Antimony                                                              | 3                                                     | 2.0 B                                                       | ND                                                           | <b>6.2 B</b>                                                 | ND                                                             | <b>3.5 B</b>                                               | ND                                                         | <b>8.0 B</b>                                               | ND                                                           |
| Arsenic                                                               | 25                                                    | 8.1 B                                                       | 5.8 B                                                        | 12.1 B                                                       | 13.7 B                                                         | 4.0 B                                                      | 3.3 B                                                      | ND                                                         | ND                                                           |
| Barium                                                                | 1,000                                                 | 44.2 B                                                      | 52.4 B                                                       | 86.7 B                                                       | 96.1 B                                                         | 30.2 B                                                     | 39.3 B                                                     | 62.6 B                                                     | 56.7 B                                                       |
| Beryllium                                                             | 3                                                     | 0.24 B                                                      | 0.45 B                                                       | 1.0 B                                                        | <b>9.8</b>                                                     | 0.19 B                                                     | 0.16 B                                                     | 0.22 B                                                     | 0.23 B                                                       |
| Cadmium                                                               | 5                                                     | 3.3 B                                                       | 1.4 B                                                        | 2.6 B                                                        | <b>9.7</b>                                                     | 2.2 B                                                      | 1.7 B                                                      | 2.2 B                                                      | 2.1 B                                                        |
| Calcium                                                               | NC                                                    | 54,000 E                                                    | 27,300                                                       | 30,300                                                       | 40,300                                                         | 20,400                                                     | 21,800                                                     | 26,200                                                     | 32,400                                                       |
| Chromium                                                              | 50                                                    | 15.0 B                                                      | 16.4 B                                                       | <b>111</b>                                                   | <b>68.2</b>                                                    | 10.1 B                                                     | 12.6 B                                                     | 7.7 B                                                      | 6.6 B                                                        |
| Cobalt                                                                | NC                                                    | 21.2 BE                                                     | 10.8 B                                                       | 22 B                                                         | 56.9                                                           | 2.8 B                                                      | 2.0 B                                                      | 4.8 B                                                      | 2.6 B                                                        |
| Copper                                                                | 200                                                   | 70.4                                                        | 45.8                                                         | 135                                                          | 156                                                            | 19.6 B                                                     | 14.3 B                                                     | ND                                                         | 14.7 B                                                       |
| Iron                                                                  | 300                                                   | <b>17,700 NE</b>                                            | <b>8,790</b>                                                 | <b>40,400</b>                                                | <b>42,000</b>                                                  | <b>72,000 E</b>                                            | <b>60,300</b>                                              | <b>96,100</b>                                              | <b>34,700</b>                                                |
| Lead                                                                  | 25                                                    | 20.5                                                        | 12.1                                                         | <b>58.1</b>                                                  | <b>81.1</b>                                                    | 1.4 B                                                      | 2.9 B                                                      | 4.6 B                                                      | 4.4 B                                                        |
| Magnesium                                                             | 35,000                                                | 13,700 E                                                    | 8,340                                                        | 9,290                                                        | 9,060                                                          | 3,910 E                                                    | 4,380                                                      | 3,900                                                      | 4,690                                                        |
| Manganese                                                             | 300                                                   | <b>869 E</b>                                                | 223                                                          | <b>732</b>                                                   | <b>1,800</b>                                                   | <b>445 E</b>                                               | <b>592</b>                                                 | <b>696</b>                                                 | <b>683</b>                                                   |
| Mercury                                                               | 0.7                                                   | ND                                                          | ND                                                           | 0.3                                                          | ND                                                             | ND                                                         | ND                                                         | ND                                                         | ND                                                           |
| Nickel                                                                | 100                                                   | 21.1 B                                                      | 9.6 B                                                        | 24.8 B                                                       | 55.9                                                           | 15.4 B                                                     | 9.7 B                                                      | 9.0 B                                                      | 3.9 B                                                        |
| Potassium                                                             | NC                                                    | 4,710                                                       | 2,720                                                        | 3,530                                                        | 3,500                                                          | 3,230                                                      | 3,900                                                      | 6,600                                                      | 5,690                                                        |
| Selenium                                                              | 10                                                    | 5.9 B                                                       | ND                                                           | <b>24.5 B</b>                                                | ND                                                             | 3.9 B                                                      | ND                                                         | <b>17.9 B</b>                                              | ND                                                           |
| Silver                                                                | 50                                                    | ND                                                          | ND                                                           | ND                                                           | ND                                                             | ND                                                         | ND                                                         | ND                                                         | 1.5 B                                                        |
| Sodium                                                                | 20,000                                                | 16,800 E                                                    | 8,450                                                        | 5,530                                                        | 6,050                                                          | 10,200                                                     | 15,400                                                     | 16,800                                                     | 14,500                                                       |
| Thallium                                                              | 0.5                                                   | <b>6.4 B</b>                                                | <b>1.8 B</b>                                                 | <b>7.9 B</b>                                                 | ND                                                             | ND                                                         | ND                                                         | <b>17.6 B</b>                                              | ND                                                           |
| Vanadium                                                              | NC                                                    | 13.5 B                                                      | 14.2 B                                                       | 41.1 B                                                       | 40 B                                                           | 3.6 B                                                      | 8.2 B                                                      | 5.6 B                                                      | 2.1 B                                                        |
| Zinc                                                                  | 2,000                                                 | <b>3,280 E</b>                                              | 608                                                          | 1,390                                                        | 1,570                                                          | 35.9 B                                                     | 47.4 B                                                     | 39.0 B                                                     | 51.1                                                         |

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**TARGET ANALYTE LIST METALS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-8<br>SMS-MW-8<br>E0136-01B<br>2/7/06<br>µg/L<br>conc Q | MW-8<br>SMS-MW-8<br>E1376-02C<br>9-11-06<br>µg/L<br>conc Q | MW-8<br>SMS-MW-8<br>F1135-07C<br>8-14-07<br>µg/L<br>conc Q | MW-8<br>SMS-MW-8<br>G2029-01C<br>11/4/2008<br>µg/L<br>conc Q | MW-9<br>SMS-MW-9<br>E0136-02C<br>2/7/06<br>µg/L<br>conc Q | MW-9<br>SMS-MW-9<br>E1376-15C<br>9-12-06<br>µg/L<br>conc Q | MW-9<br>SMS-MW-9<br>F1135-06C<br>8-14-07<br>µg/L<br>conc Q | MW-9<br>SMS-MW-9<br>G2029-16C<br>11/6/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|
| Aluminum                                                              | NC                                                    | 194 BE                                                    | 161 B                                                      | 120 B                                                      | 69.8 B                                                       | 50.6 BE                                                   | 21.9 B                                                     | 40.8 B                                                     | ND                                                           |
| Antimony                                                              | 3                                                     | 2.8 B                                                     | ND                                                         | <b>8.9 B</b>                                               | ND                                                           | 2.3 B                                                     | ND                                                         | <b>6.7 B</b>                                               | ND                                                           |
| Arsenic                                                               | 25                                                    | 5.6 B                                                     | ND                                                         | ND                                                         | ND                                                           | 3.0 B                                                     | 2.1 B                                                      | 2.5 B                                                      | ND                                                           |
| Barium                                                                | 1,000                                                 | 43.4 B                                                    | 39.6 B                                                     | 61.3 B                                                     | 119 B                                                        | 35.1 B                                                    | 25.7 B                                                     | 34.4 B                                                     | 50.3 B                                                       |
| Beryllium                                                             | 3                                                     | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | 0.19 B                                                       |
| Cadmium                                                               | 5                                                     | 1.2 B                                                     | 0.11 B                                                     | ND                                                         | ND                                                           | 0.65 B                                                    | 0.12 B                                                     | ND                                                         | 0.30 B                                                       |
| Calcium                                                               | NC                                                    | 24,500 E                                                  | 27,200                                                     | 25,000                                                     | 35,700                                                       | 9,130 E                                                   | 16,400                                                     | 29,200                                                     | 23,300                                                       |
| Chromium                                                              | 50                                                    | 31.7                                                      | 9.9 B                                                      | 26.1                                                       | 6.7 B                                                        | 38.5                                                      | 6.3 B                                                      | 5.4 B                                                      | 2.8 B                                                        |
| Cobalt                                                                | NC                                                    | 3.4 BE                                                    | 1.1 B                                                      | 7.3 B                                                      | 2.1 B                                                        | 2.0 BE                                                    | 0.66 B                                                     | 4.4 B                                                      | 4.6 B                                                        |
| Copper                                                                | 200                                                   | 72.7                                                      | 9.6 B                                                      | 18.4 B                                                     | 37.9                                                         | 34.7                                                      | ND                                                         | ND                                                         | 14.7 B                                                       |
| Iron                                                                  | 300                                                   | <b>107,000 NE</b>                                         | <b>15,900</b>                                              | <b>71,400</b>                                              | <b>27,600</b>                                                | <b>78,300 NE</b>                                          | <b>21,700</b>                                              | <b>57,100</b>                                              | <b>29,600</b>                                                |
| Lead                                                                  | 25                                                    | 7.0 B                                                     | ND                                                         | 3.0 B                                                      | 4.5 B                                                        | 3.9 B                                                     | ND                                                         | 2.9 B                                                      | 4.7 B                                                        |
| Magnesium                                                             | 35,000                                                | 3,870 E                                                   | 3,520                                                      | 4,960                                                      | 5,300                                                        | 1,530 E                                                   | 2,560                                                      | 4,860                                                      | 3,770                                                        |
| Manganese                                                             | 300                                                   | <b>456 E</b>                                              | 82.1                                                       | 236                                                        | 279                                                          | <b>339 E</b>                                              | 82.2                                                       | <b>520</b>                                                 | <b>1,060</b>                                                 |
| Mercury                                                               | 0.7                                                   | ND                                                        | ND                                                         | ND                                                         | ND                                                           | ND                                                        | ND                                                         | ND                                                         | ND                                                           |
| Nickel                                                                | 100                                                   | 40.3 B                                                    | 9.8 B                                                      | 26.3 B                                                     | 4.6 B                                                        | 35.3 B                                                    | 4.8 B                                                      | 8.4 B                                                      | 5.9 B                                                        |
| Potassium                                                             | NC                                                    | 6,370                                                     | 6,970                                                      | 13,400                                                     | 21,500                                                       | 5,400                                                     | 3,990                                                      | 4,540                                                      | 3,540                                                        |
| Selenium                                                              | 10                                                    | 9.9 B                                                     | ND                                                         | <b>20.6 B</b>                                              | ND                                                           | 7.1 B                                                     | ND                                                         | <b>14.2 B</b>                                              | ND                                                           |
| Silver                                                                | 50                                                    | ND                                                        | ND                                                         | ND                                                         | 1.5 B                                                        | ND                                                        | ND                                                         | ND                                                         | 1.9 B                                                        |
| Sodium                                                                | 20,000                                                | <b>23,400 E</b>                                           | <b>26,000</b>                                              | <b>26,400</b>                                              | <b>29,800</b>                                                | 11,400 E                                                  | 11,400                                                     | 12,000                                                     | 13,600                                                       |
| Thallium                                                              | 0.5                                                   | ND                                                        | ND                                                         | <b>13.5 B</b>                                              | ND                                                           | ND                                                        | ND                                                         | <b>9.2 B</b>                                               | ND                                                           |
| Vanadium                                                              | NC                                                    | 2.5 B                                                     | 1.0 B                                                      | 0.51 B                                                     | 1.8 B                                                        | 1.7 B                                                     | 1.7 B                                                      | 1.6 B                                                      | 1.4 B                                                        |
| Zinc                                                                  | 2,000                                                 | 95.5 E                                                    | 31.0 B                                                     | 68.6                                                       | 72.0                                                         | 33.9 BE                                                   | 22.2 B                                                     | 18.1 B                                                     | 36.4 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  
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**TABLE 5**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**TARGET ANALYTE LIST METALS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-11<br>SMS-MW-11<br>E0136-05C<br>2/8/06<br>µg/L<br>conc Q | MW-11<br>SMS-MW-11<br>E1400-06C<br>9-13-06<br>µg/L<br>conc Q | MW-11<br>SMS-MW-11<br>Aug 2007<br>µg/L<br>conc Q | MW-11<br>SMS-MW-11<br>Nov 2008<br>µg/L<br>conc Q | MW-12<br>SMS-MW-12<br>E0136-06B<br>2/8/06<br>µg/L<br>conc Q | MW-12<br>SMS-MW-12<br>E1400-05C<br>09-13-06<br>µg/L<br>conc Q | MW-12<br>SMS-MW-12<br>F1159-04C<br>08-17-07<br>µg/L<br>conc Q | MW-12<br>SMS-MW-12<br>G2029-23C<br>11/7/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|
| Aluminum                                                              | NC                                                    | 44.9 BE                                                     | 159 B                                                        | NA                                               | NA                                               | 48.8 BE                                                     | 55.8 B                                                        | 165 B                                                         | 101 B                                                          |
| Antimony                                                              | 3                                                     | ND                                                          | ND                                                           | NA                                               | NA                                               | ND                                                          | ND                                                            | 2.5 B                                                         | ND                                                             |
| Arsenic                                                               | 25                                                    | ND                                                          | ND                                                           | NA                                               | NA                                               | ND                                                          | 3.5 B                                                         | ND                                                            | ND                                                             |
| Barium                                                                | 1,000                                                 | 19.8 B                                                      | 25.6 B                                                       | NA                                               | NA                                               | 9.2 B                                                       | 29.7 B                                                        | 36.9 B                                                        | 27.4 B                                                         |
| Beryllium                                                             | 3                                                     | ND                                                          | ND                                                           | NA                                               | NA                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Cadmium                                                               | 5                                                     | 0.16 B                                                      | 0.23 BE                                                      | NA                                               | NA                                               | 0.32 B                                                      | 0.4 BE                                                        | 1.3 B                                                         | 1.8 B                                                          |
| Calcium                                                               | NC                                                    | 13,200 E                                                    | 14,400                                                       | NA                                               | NA                                               | 8,410 E                                                     | 16,700                                                        | 16,000                                                        | 13,100                                                         |
| Chromium                                                              | 50                                                    | 1.5 B                                                       | 0.99 BE                                                      | NA                                               | NA                                               | 2.1 B                                                       | 2.1 BE                                                        | 0.86 B                                                        | 2.7 B                                                          |
| Cobalt                                                                | NC                                                    | 1.4 BE                                                      | 0.57 B                                                       | NA                                               | NA                                               | 1.4 BE                                                      | 1.0 B                                                         | 3.7 B                                                         | ND                                                             |
| Copper                                                                | 200                                                   | 9.9 B                                                       | ND                                                           | NA                                               | NA                                               | 10.2 B                                                      | 6.4 B                                                         | 6.4 B                                                         | 19 B                                                           |
| Iron                                                                  | 300                                                   | <b>12,000</b> NE                                            | <b>11,800</b>                                                | NA                                               | NA                                               | <b>6,600</b> NE                                             | <b>19,700</b>                                                 | <b>23,000</b>                                                 | <b>3,810</b>                                                   |
| Lead                                                                  | 25                                                    | ND                                                          | 3.5 B                                                        | NA                                               | NA                                               | 1.0 B                                                       | 3.2 B                                                         | 1.8 B                                                         | 7.2 B                                                          |
| Magnesium                                                             | 35,000                                                | 1,800 E                                                     | 2,030 E                                                      | NA                                               | NA                                               | 1,210 E                                                     | 2,190 E                                                       | 2,180                                                         | 1,700                                                          |
| Manganese                                                             | 300                                                   | 177 E                                                       | 201 *E                                                       | NA                                               | NA                                               | 249 E                                                       | <b>956</b> *E                                                 | <b>854</b>                                                    | <b>503</b>                                                     |
| Mercury                                                               | 0.7                                                   | ND                                                          | ND                                                           | NA                                               | NA                                               | ND                                                          | ND                                                            | ND                                                            | 0.02 B                                                         |
| Nickel                                                                | 100                                                   | 4.2 B                                                       | 3.3 B                                                        | NA                                               | NA                                               | 5.0 B                                                       | 3.6 B                                                         | 4.5 B                                                         | 5.1 B                                                          |
| Potassium                                                             | NC                                                    | 3,730                                                       | 3,040                                                        | NA                                               | NA                                               | 7,140                                                       | 2,970                                                         | 3,330                                                         | 6,340                                                          |
| Selenium                                                              | 10                                                    | 1.6 B                                                       | 1.7 B                                                        | NA                                               | NA                                               | 1.3 B                                                       | ND                                                            | 8.3 B                                                         | ND                                                             |
| Silver                                                                | 50                                                    | ND                                                          | ND                                                           | NA                                               | NA                                               | ND                                                          | 1.8 B                                                         | ND                                                            | 6.5 B                                                          |
| Sodium                                                                | 20,000                                                | 14,800 E                                                    | 9,370                                                        | NA                                               | NA                                               | 10,100 E                                                    | 5,050                                                         | 4,120                                                         | 7,390                                                          |
| Thallium                                                              | 0.5                                                   | <b>1.5</b> B                                                | <b>2.9</b> B                                                 | NA                                               | NA                                               | <b>2.0</b> B                                                | <b>2.4</b> B                                                  | ND                                                            | ND                                                             |
| Vanadium                                                              | NC                                                    | ND                                                          | 3.2 B                                                        | NA                                               | NA                                               | ND                                                          | 4.2 B                                                         | ND                                                            | ND                                                             |
| Zinc                                                                  | 2,000                                                 | 56.4 E                                                      | 21.2 B                                                       | NA                                               | NA                                               | 44.5 BE                                                     | 22.6 B                                                        | 37.4 B                                                        | 99.2                                                           |

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

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

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-13<br>SMS-MW-13<br>E0136-07B<br>2/8/06<br>µg/L<br>conc Q | MW-13<br>SMS-MW-13<br>E1400-01C<br>09-13-06<br>µg/L<br>conc Q | MW-13<br>SMS-MW-13<br>F1159-03C<br>8-17-07<br>µg/L<br>conc Q | MW-13<br>SMS-MW-13<br>G2029-21C<br>11/7/2008<br>µg/L<br>conc Q | MW-13D<br>SMS-MW-13D<br>E0136-09C<br>2/8/06<br>µg/L<br>conc Q | MW-13D<br>SMS-MW-13D<br>E1400-02C<br>09-13-06<br>µg/L<br>conc Q | MW-13D<br>SMS-MW-13D<br>F1135-19C<br>08-16-07<br>µg/L<br>conc Q | MW-13D<br>SMS-MW-13D<br>G2029-22C<br>11/7/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|
| Aluminum                                                              | NC                                                    | 82.6 BE                                                     | 84 B                                                          | 66.4 B                                                       | 120 B                                                          | 53.0 BE                                                       | 82.0 B                                                          | 24.5 B                                                          | 63.7 B                                                           |
| Antimony                                                              | 3                                                     | ND                                                          | ND                                                            | <b>4.7</b> B                                                 | ND                                                             | ND                                                            | ND                                                              | <b>8.3 B</b>                                                    | ND                                                               |
| Arsenic                                                               | 25                                                    | 3.2 B                                                       | 3.3 B                                                         | ND                                                           | ND                                                             | ND                                                            | ND                                                              | ND                                                              | ND                                                               |
| Barium                                                                | 1,000                                                 | 103 B                                                       | 39.4 B                                                        | 29.2 B                                                       | 20.8 B                                                         | 67.2 B                                                        | 69.6 B                                                          | 76.9 B                                                          | 66.8 B                                                           |
| Beryllium                                                             | 3                                                     | ND                                                          | ND                                                            | ND                                                           | ND                                                             | ND                                                            | ND                                                              | ND                                                              | ND                                                               |
| Cadmium                                                               | 5                                                     | 1.4 B                                                       | 0.89 BE                                                       | 1.7 B                                                        | 1.6 B                                                          | <b>72.8</b>                                                   | <b>72.8</b> E                                                   | <b>65.5</b>                                                     | <b>79</b>                                                        |
| Calcium                                                               | NC                                                    | 30,200 E                                                    | 11,500                                                        | 6,280                                                        | 5,350                                                          | 12,900 E                                                      | 13,300                                                          | 13,100                                                          | 13,000                                                           |
| Chromium                                                              | 50                                                    | 3.1 B                                                       | 1.9 BE                                                        | 3.4 B                                                        | 3.2 B                                                          | 7.8 B                                                         | 5.0 BE                                                          | 1.7 B                                                           | 5.8 B                                                            |
| Cobalt                                                                | NC                                                    | 5.6 BE                                                      | 2.3 B                                                         | 5.3 B                                                        | 3.5 B                                                          | 1.1 BE                                                        | 0.81 B                                                          | 0.87 B                                                          | ND                                                               |
| Copper                                                                | 200                                                   | 11.5 B                                                      | 9.3 B                                                         | ND                                                           | 8.7 B                                                          | 32.9                                                          | 19.6 B                                                          | 15.3 B                                                          | 28.4 B                                                           |
| Iron                                                                  | 300                                                   | <b>52,600</b> NE                                            | <b>15,400</b>                                                 | <b>40,200</b>                                                | <b>25,800</b>                                                  | <b>746</b> NE                                                 | 210                                                             | 241                                                             | <b>383</b>                                                       |
| Lead                                                                  | 25                                                    | 1.0 B                                                       | 2.3 B                                                         | 0.84 B                                                       | 2.4 B                                                          | 0.83 B                                                        | 1.7 B                                                           | ND                                                              | 2.4 B                                                            |
| Magnesium                                                             | 35,000                                                | 3,260 E                                                     | 1,230 E                                                       | 1,020                                                        | 902                                                            | 7,790 E                                                       | 8,300 E                                                         | 8,340                                                           | 7,990                                                            |
| Manganese                                                             | 300                                                   | <b>867</b> E                                                | 186 *E                                                        | <b>401</b>                                                   | <b>413</b>                                                     | 12.3 BE                                                       | 5.9 B*E                                                         | 6.3 B                                                           | 25.2 B                                                           |
| Mercury                                                               | 0.7                                                   | ND                                                          | ND                                                            | ND                                                           | 0.095 B                                                        | ND                                                            | ND                                                              | ND                                                              | ND                                                               |
| Nickel                                                                | 100                                                   | 9.3 B                                                       | 3.6 B                                                         | 6.0 B                                                        | 4.9 B                                                          | 15.1 B                                                        | 11.2 B                                                          | 9.2 B                                                           | 18.5 B                                                           |
| Potassium                                                             | NC                                                    | 11,200                                                      | 14,600                                                        | 15,800                                                       | 17,200                                                         | 2,430                                                         | 2,440                                                           | 2,960                                                           | 3,030                                                            |
| Selenium                                                              | 10                                                    | 2.2 B                                                       | 1.9 B                                                         | 3.3 B                                                        | ND                                                             | 3.3 B                                                         | 2.2 B                                                           | <b>10.7 B</b>                                                   | 7.0 B                                                            |
| Silver                                                                | 50                                                    | ND                                                          | 1.8 B                                                         | ND                                                           | 0.89 B                                                         | ND                                                            | ND                                                              | 1.4 B                                                           | 1.9 B                                                            |
| Sodium                                                                | 20,000                                                | 19,900 E                                                    | 15,000                                                        | 12,400                                                       | 12,000                                                         | <b>27,500</b> E                                               | <b>28,700</b>                                                   | <b>31,800</b>                                                   | <b>28,700</b>                                                    |
| Thallium                                                              | 0.5                                                   | <b>4.4</b> B                                                | <b>4.0</b> B                                                  | <b>7.8 B</b>                                                 | ND                                                             | ND                                                            | ND                                                              | ND                                                              | ND                                                               |
| Vanadium                                                              | NC                                                    | 0.79 B                                                      | 3.4 B                                                         | ND                                                           | ND                                                             | ND                                                            | 1.1 B                                                           | ND                                                              | ND                                                               |
| Zinc                                                                  | 2,000                                                 | 88.0 E                                                      | 37.7 B                                                        | 85.7                                                         | 301                                                            | 72.4 E                                                        | 74.2                                                            | 67.2                                                            | 84.3                                                             |

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**TARGET ANALYTE LIST METALS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-14<br>SMS-MW-14<br>E0136-08B<br>2/8/06<br>µg/L<br>conc Q | MW-14<br>SMS-MW-14<br>E1400-07C<br>09-13-06<br>µg/L<br>conc Q | MW-14<br>SMS-MW-14<br>F1135-18C<br>08-16-07<br>µg/L<br>conc Q | MW-14<br>SMS-MW-14<br>G2029-19C<br>11/7/2008<br>µg/L<br>conc Q | MW-15<br>SMS-MW-15<br>E0136-11B<br>2/8/06<br>µg/L<br>conc Q | MW-15<br>SMS-MW-15<br>E1376-11C<br>09-12-06<br>µg/L<br>conc Q | MW-15<br>SMS-MW-15<br>F1135-17C<br>08-16-07<br>µg/L<br>conc Q | MW-15<br>SMS-MW-15<br>G2029-15C<br>11/6/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|
| Aluminum                                                              | NC                                                    | 334 E                                                       | 154 B                                                         | 1,040                                                         | 161 B                                                          | 43.2 BE                                                     | 199 B                                                         | 37.9 B                                                        | 122 B                                                          |
| Antimony                                                              | 3                                                     | ND                                                          | ND                                                            | <b>15.7 B</b>                                                 | ND                                                             | ND                                                          | ND                                                            | <b>9.6 B</b>                                                  | ND                                                             |
| Arsenic                                                               | 25                                                    | ND                                                          | 11.4 B                                                        | ND                                                            | ND                                                             | ND                                                          | 2.0 B                                                         | 1.6 B                                                         | ND                                                             |
| Barium                                                                | 1,000                                                 | 15.9 B                                                      | 35.1 B                                                        | 78.7 B                                                        | 40.6 B                                                         | 12.4 B                                                      | 19.4 B                                                        | 24.8 B                                                        | 19.6 B                                                         |
| Beryllium                                                             | 3                                                     | ND                                                          | ND                                                            | ND                                                            | ND                                                             | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Cadmium                                                               | 5                                                     | 0.86 B                                                      | 0.21 BE                                                       | 2.7 B                                                         | 0.68 B                                                         | 4.1 B                                                       | 0.85 B                                                        | ND                                                            | 4.1 B                                                          |
| Calcium                                                               | NC                                                    | 12,100 E                                                    | 21,800                                                        | 16,500                                                        | 26,000                                                         | 13,800 E                                                    | 12,800                                                        | 20,100                                                        | 4,990                                                          |
| Chromium                                                              | 50                                                    | 1.7 B                                                       | 1.4 BE                                                        | 2.9 B                                                         | 2.5 B                                                          | 9.8 B                                                       | <b>275</b>                                                    | 18.1 B                                                        | 12.8 B                                                         |
| Cobalt                                                                | NC                                                    | 1.0 BE                                                      | ND                                                            | 4.6 B                                                         | ND                                                             | 1.1 BE                                                      | 2.6 B                                                         | 1.3 B                                                         | 1.9 B                                                          |
| Copper                                                                | 200                                                   | 12.8 B                                                      | ND                                                            | ND                                                            | 10.7 B                                                         | 9.5 B                                                       | 10.5 B                                                        | ND                                                            | 9.0 B                                                          |
| Iron                                                                  | 300                                                   | <b>27,100 NE</b>                                            | <b>48,000</b>                                                 | <b>296,000</b>                                                | <b>65,100</b>                                                  | 276 NE                                                      | <b>1,730</b>                                                  | 228                                                           | <b>661</b>                                                     |
| Lead                                                                  | 25                                                    | 2.6 B                                                       | 4.3 B                                                         | 12.7                                                          | 5.8 B                                                          | 2.3 B                                                       | 2.6 B                                                         | ND                                                            | 4.1 B                                                          |
| Magnesium                                                             | 35,000                                                | 1,610 E                                                     | 2520 E                                                        | 2,470                                                         | 2,990                                                          | 2,260 E                                                     | 2320                                                          | 4,210                                                         | 1,480                                                          |
| Manganese                                                             | 300                                                   | 287 E                                                       | <b>910 *E</b>                                                 | <b>1,290</b>                                                  | <b>508</b>                                                     | 27.9 BE                                                     | 175                                                           | 19.3 B                                                        | 188                                                            |
| Mercury                                                               | 0.7                                                   | ND                                                          | ND                                                            | 0.052 B                                                       | ND                                                             | ND                                                          | ND                                                            | ND                                                            | 0.15 B                                                         |
| Nickel                                                                | 100                                                   | 6.1 B                                                       | 3.0 B                                                         | 13.3 B                                                        | 3.3 B                                                          | 6.9 B                                                       | 24.9 B                                                        | 3.0 B                                                         | 12.9 B                                                         |
| Potassium                                                             | NC                                                    | 2,460                                                       | 4,990                                                         | 8,340                                                         | 13,200                                                         | 3,330                                                       | 3470                                                          | 6,850                                                         | 2,680                                                          |
| Selenium                                                              | 10                                                    | ND                                                          | ND                                                            | <b>41.2</b>                                                   | ND                                                             | ND                                                          | ND                                                            | <b>19.6 B</b>                                                 | ND                                                             |
| Silver                                                                | 50                                                    | ND                                                          | 3.5 B                                                         | ND                                                            | 1.4 B                                                          | ND                                                          | ND                                                            | 1.6 B                                                         | 5.6 B                                                          |
| Sodium                                                                | 20,000                                                | 2,230 E                                                     | 8710                                                          | 6,000                                                         | <b>22,900</b>                                                  | 9,790 E                                                     | 11,000                                                        | 15,600                                                        | 4,880                                                          |
| Thallium                                                              | 0.5                                                   | ND                                                          | <b>2.6 B</b>                                                  | <b>64.8</b>                                                   | ND                                                             | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Vanadium                                                              | NC                                                    | 2.2 B                                                       | 9.8 B                                                         | 4.5 B                                                         | 3.1 B                                                          | ND                                                          | 1.2 B                                                         | ND                                                            | 1.7 B                                                          |
| Zinc                                                                  | 2,000                                                 | 29.2 BE                                                     | 41.6 B                                                        | 60.8                                                          | 57.0                                                           | 19.8 BE                                                     | 29.8 B                                                        | 20.1 B                                                        | 56.0                                                           |

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**TARGET ANALYTE LIST METALS, DETECTIONS ONLY**

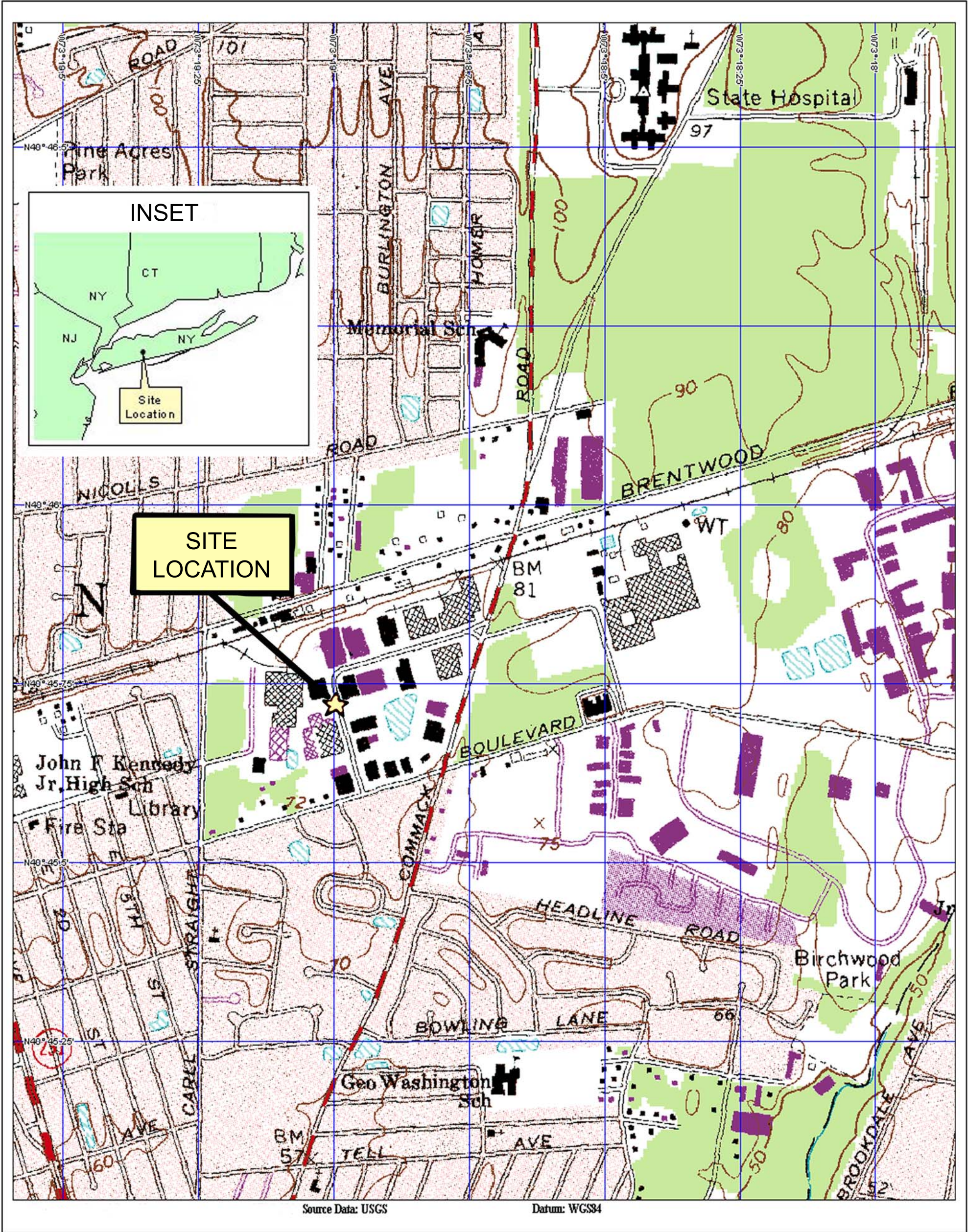
| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-16D<br>SMS-MW-16D<br>E0136-16C<br>2/9/06<br>µg/L<br>conc Q | MW-16D<br>SMS-MW-16D<br>E1400-03C<br>09-13-06<br>µg/L<br>conc Q | MW-16D<br>SMS-MW-16D<br>F1135-09C<br>08-13-07<br>µg/L<br>conc Q | MW-16D<br>SMS-MW-16D<br>G2029-14C<br>11/6/2008<br>µg/L<br>conc Q | MW-16M<br>SMS-MW-16M<br>E0136-15C<br>2/9/06<br>µg/L<br>conc Q | MW-16M<br>SMS-MW-16M<br>E1376-10C<br>09-12-06<br>µg/L<br>conc Q | MW-16M<br>SMS-MW-16M<br>F1135-10C<br>08-13-07<br>µg/L<br>conc Q | MW-16M<br>SMS-MW-16M<br>G2029-13C<br>11/6/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|
| Aluminum                                                              | NC                                                    | 29.0 BE                                                       | 97.3 B                                                          | 45.2 B                                                          | 104 B                                                            | 203 E                                                         | 94.2 B                                                          | 55.0 B                                                          | 91.6 B                                                           |
| Antimony                                                              | 3                                                     | ND                                                            | ND                                                              | 2.5 B                                                           | ND                                                               | 1.3 B                                                         | ND                                                              | <b>4.5 B</b>                                                    | ND                                                               |
| Arsenic                                                               | 25                                                    | ND                                                            | ND                                                              | 1.6 B                                                           | ND                                                               | ND                                                            | 2.2 B                                                           | 4.7 B                                                           | ND                                                               |
| Barium                                                                | 1,000                                                 | 51.9 B                                                        | 48.3 B                                                          | 45.6 B                                                          | 43.8 B                                                           | 97.9 B                                                        | 93.6 B                                                          | 97.5 B                                                          | 91.6 B                                                           |
| Beryllium                                                             | 3                                                     | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                            | ND                                                              | ND                                                              | ND                                                               |
| Cadmium                                                               | 5                                                     | <b>23.4</b>                                                   | <b>11.8 E</b>                                                   | <b>5.1</b>                                                      | <b>35.3</b>                                                      | 4.0 B                                                         | 2.3 B                                                           | 0.22 B                                                          | 2.2 B                                                            |
| Calcium                                                               | NC                                                    | 18,200 E                                                      | 18,500                                                          | 19,100                                                          | 18,500                                                           | 23,900 E                                                      | 19,200                                                          | 21,900                                                          | 17,600                                                           |
| Chromium                                                              | 50                                                    | 34.6                                                          | 41.6 E                                                          | 44.9                                                            | 48.7                                                             | 25.4                                                          | 45.9                                                            | 10.3 B                                                          | 9.6 B                                                            |
| Cobalt                                                                | NC                                                    | 1.3 BE                                                        | 0.87 B                                                          | 1.4 B                                                           | ND                                                               | 2.5 BE                                                        | 8.0 B                                                           | 2.6 B                                                           | 5.4 B                                                            |
| Copper                                                                | 200                                                   | 17.0 B                                                        | ND                                                              | ND                                                              | 12.8 B                                                           | 26.6 B                                                        | ND                                                              | ND                                                              | 13.2 B                                                           |
| Iron                                                                  | 300                                                   | 262 NE                                                        | 232                                                             | 234                                                             | <b>420</b>                                                       | <b>458 NE</b>                                                 | <b>814</b>                                                      | <b>375</b>                                                      | <b>822</b>                                                       |
| Lead                                                                  | 25                                                    | 2.5 B                                                         | 1.2 B                                                           | 0.88 B                                                          | 3.3 B                                                            | 1.5 B                                                         | 0.58 B                                                          | ND                                                              | 4.4 B                                                            |
| Magnesium                                                             | 35,000                                                | 3,250 E                                                       | 3,430 E                                                         | 3,530                                                           | 3,690                                                            | 2,650 E                                                       | 2,950                                                           | 2,940                                                           | 2,380                                                            |
| Manganese                                                             | 300                                                   | 60.7 E                                                        | 196 *E                                                          | 51.6                                                            | 53.2                                                             | 34.0 BE                                                       | <b>536</b>                                                      | 29.0 B                                                          | 125                                                              |
| Mercury                                                               | 0.7                                                   | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                            | ND                                                              | ND                                                              | 0.038 B                                                          |
| Nickel                                                                | 100                                                   | 10.6 B                                                        | 11.3 B                                                          | 6.7 B                                                           | 9.0 B                                                            | 12.4 B                                                        | 46.9 B                                                          | 27.9 B                                                          | 31.7 B                                                           |
| Potassium                                                             | NC                                                    | 5,280                                                         | 5,040                                                           | 5,260                                                           | 5,990                                                            | 12,300                                                        | 9,340                                                           | 10,000                                                          | 13,400                                                           |
| Selenium                                                              | 10                                                    | ND                                                            | ND                                                              | 9.5 B                                                           | ND                                                               | ND                                                            | ND                                                              | <b>13.2 B</b>                                                   | ND                                                               |
| Silver                                                                | 50                                                    | ND                                                            | ND                                                              | 1.8 B                                                           | 1.6 B                                                            | ND                                                            | ND                                                              | 2.1 B                                                           | ND                                                               |
| Sodium                                                                | 20,000                                                | 15,600 E                                                      | 16,000                                                          | 16,700                                                          | 15,100                                                           | 17,500 E                                                      | 15,300                                                          | 17,900                                                          | 12,000                                                           |
| Thallium                                                              | 0.5                                                   | ND                                                            | ND                                                              | ND                                                              | ND                                                               | <b>2.1 B</b>                                                  | <b>1.5 B</b>                                                    | ND                                                              | ND                                                               |
| Vanadium                                                              | NC                                                    | ND                                                            | 0.89 B                                                          | ND                                                              | ND                                                               | 0.59 B                                                        | 0.71 B                                                          | ND                                                              | ND                                                               |
| Zinc                                                                  | 2,000                                                 | 61.4 E                                                        | 40.2 B                                                          | 20.5 B                                                          | 39.1 B                                                           | 106 E                                                         | 30.8 B                                                          | 31.7 B                                                          | 107                                                              |

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 AND NOVEMBER 2008 GROUNDWATER SAMPLING**  
**TARGET ANALYTE LIST METALS, DETECTIONS ONLY**

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Units | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>µg/L | MW-16S<br>SMS-MW-16S<br>E0136-12B<br>2/8/06<br>µg/L<br>conc Q | MW-16S<br>SMS-MW-16S<br>E1376-09C<br>09-12-06<br>µg/L<br>conc Q | MW-16S<br>SMS-MW-16S<br>F1135-16C<br>08-16-07<br>µg/L<br>conc Q | MW-16S<br>SMS-MW-16S<br>G2029-12C<br>11/6/2008<br>µg/L<br>conc Q | MW-17<br>SMS-MW-17<br>E0136-18C<br>2/9/06<br>µg/L<br>conc Q | MW-17<br>SMS-MW-17<br>E1376-04C<br>09-11-06<br>µg/L<br>conc Q | MW-17<br>SMS-MW-17<br>F1135-15C<br>08-16-07<br>µg/L<br>conc Q | MW-17<br>SMS-MW-17<br>G2029-11C<br>11/6/2008<br>µg/L<br>conc Q |
|-----------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|
| Aluminum                                                              | NC                                                    | 135 BE                                                        | 69.2 B                                                          | 51.6 B                                                          | 73.2 B                                                           | 72.0 BE                                                     | 34.3 B                                                        | 19.6 B                                                        | 57.7 B                                                         |
| Antimony                                                              | 3                                                     | ND                                                            | ND                                                              | 1.2 B                                                           | ND                                                               | 2.6 B                                                       | 2.3 B                                                         | <b>10.0 B</b>                                                 | ND                                                             |
| Arsenic                                                               | 25                                                    | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | 3.7 B                                                         | ND                                                             |
| Barium                                                                | 1,000                                                 | 46.1 B                                                        | 18.7 B                                                          | 18.2 B                                                          | 38.1 B                                                           | 22.8 B                                                      | 28.4 B                                                        | 29.1 B                                                        | 72.7 B                                                         |
| Beryllium                                                             | 3                                                     | ND                                                            | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Cadmium                                                               | 5                                                     | <b>17.4</b>                                                   | 3.0 B                                                           | 0.47 B                                                          | <b>33.4</b>                                                      | 3.1 B                                                       | 0.65 B                                                        | 0.16 B                                                        | 3.1 B                                                          |
| Calcium                                                               | NC                                                    | 27,900 E                                                      | 17,800                                                          | 25,200                                                          | 25,300                                                           | 13,900 E                                                    | 17,200                                                        | 24,800                                                        | 12,600                                                         |
| Chromium                                                              | 50                                                    | 31.3                                                          | <b>117</b>                                                      | <b>95.7</b>                                                     | <b>54.2</b>                                                      | 14.8 B                                                      | 11.3 B                                                        | 9.0 B                                                         | 6.9 B                                                          |
| Cobalt                                                                | NC                                                    | 2.3 BE                                                        | 2.1 B                                                           | 3.6 B                                                           | 4.0 B                                                            | 1.6 BE                                                      | 1.1 B                                                         | 2.0 B                                                         | 3.6 B                                                          |
| Copper                                                                | 200                                                   | 17.6 B                                                        | ND                                                              | ND                                                              | 11.9 B                                                           | 12.7 B                                                      | 7.1 B                                                         | ND                                                            | 9.9 B                                                          |
| Iron                                                                  | 300                                                   | <b>480</b> NE                                                 | <b>433</b>                                                      | <b>587</b>                                                      | <b>626</b>                                                       | <b>645</b> NE                                               | 284                                                           | 220                                                           | 145 B                                                          |
| Lead                                                                  | 25                                                    | 2.0 B                                                         | ND                                                              | ND                                                              | ND                                                               | 1.3 B                                                       | ND                                                            | ND                                                            | ND                                                             |
| Magnesium                                                             | 35,000                                                | 4,920 E                                                       | 3,270                                                           | 3,920                                                           | 3,290                                                            | 1,930 E                                                     | 1,160                                                         | 1,830                                                         | 1,100                                                          |
| Manganese                                                             | 300                                                   | 251 E                                                         | 108                                                             | 173                                                             | <b>394</b>                                                       | 77.9 E                                                      | 109                                                           | 113                                                           | <b>1,940</b>                                                   |
| Mercury                                                               | 0.7                                                   | ND                                                            | 0.1 B                                                           | ND                                                              | ND                                                               | 0.14 B                                                      | ND                                                            | ND                                                            | ND                                                             |
| Nickel                                                                | 100                                                   | 28.6 B                                                        | 47.7 B                                                          | 37.9 B                                                          | 65.3                                                             | 15.6 B                                                      | 5.7 B                                                         | 2.8 B                                                         | 7.1 B                                                          |
| Potassium                                                             | NC                                                    | 5,460                                                         | 5,630                                                           | 4,870                                                           | 6,720                                                            | 2,760                                                       | 3,960                                                         | 3,220                                                         | 3,110                                                          |
| Selenium                                                              | 10                                                    | ND                                                            | ND                                                              | <b>12.7 B</b>                                                   | ND                                                               | ND                                                          | ND                                                            | <b>13.6 B</b>                                                 | ND                                                             |
| Silver                                                                | 50                                                    | ND                                                            | ND                                                              | 1.8 B                                                           | ND                                                               | ND                                                          | ND                                                            | 2.1 B                                                         | 0.73 B                                                         |
| Sodium                                                                | 20,000                                                | 12,100 E                                                      | 14,100                                                          | 17,300                                                          | 12,800                                                           | 5,940 E                                                     | 2,690                                                         | 6,680                                                         | 3,060                                                          |
| Thallium                                                              | 0.5                                                   | <b>2.2</b> B                                                  | ND                                                              | ND                                                              | ND                                                               | ND                                                          | ND                                                            | ND                                                            | ND                                                             |
| Vanadium                                                              | NC                                                    | 0.5 B                                                         | 0.8 B                                                           | 1 B                                                             | 1.7 B                                                            | 2.1 B                                                       | 2.4 B                                                         | 1.7 B                                                         | 3.4 B                                                          |
| Zinc                                                                  | 2,000                                                 | 66.8 E                                                        | 18.4 B                                                          | 17.4 B                                                          | 42.7 B                                                           | 43.4 BE                                                     | 18.6 B                                                        | 18.8 B                                                        | 36.6 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



Scale 1:12,800

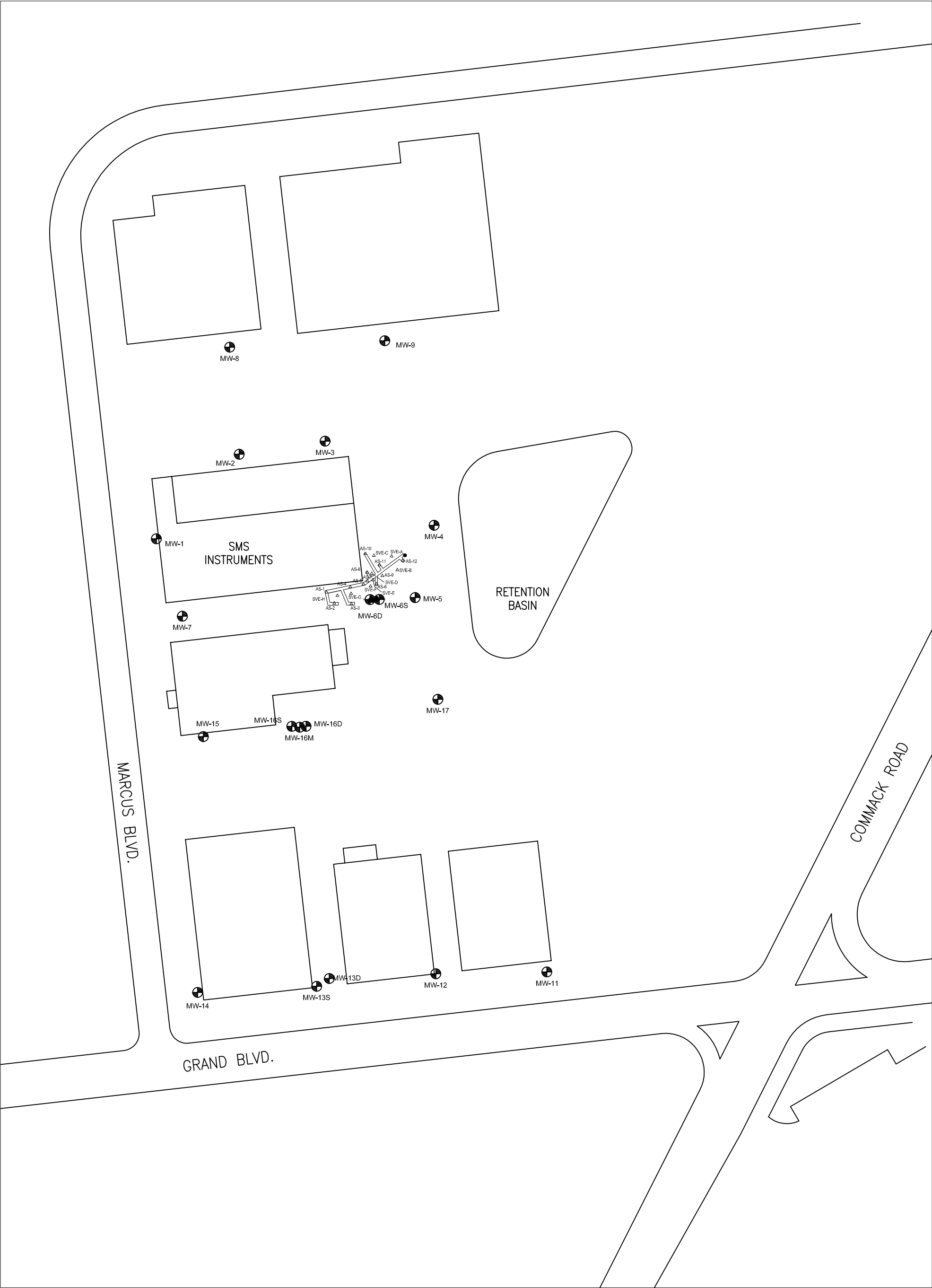
350 FT



SOURCE:  
Delorme 3-D TopoQuads  
Greenlawn, NY  
New York  
7.5 Minute Series, 1979

Figure 1 - Site Location.

SMS INSTRUMENTS  
SITE #1-52-026  
MULTI SITE G  
120 MARCUS BLVD  
DEERPARK, NY



**LEGEND:**

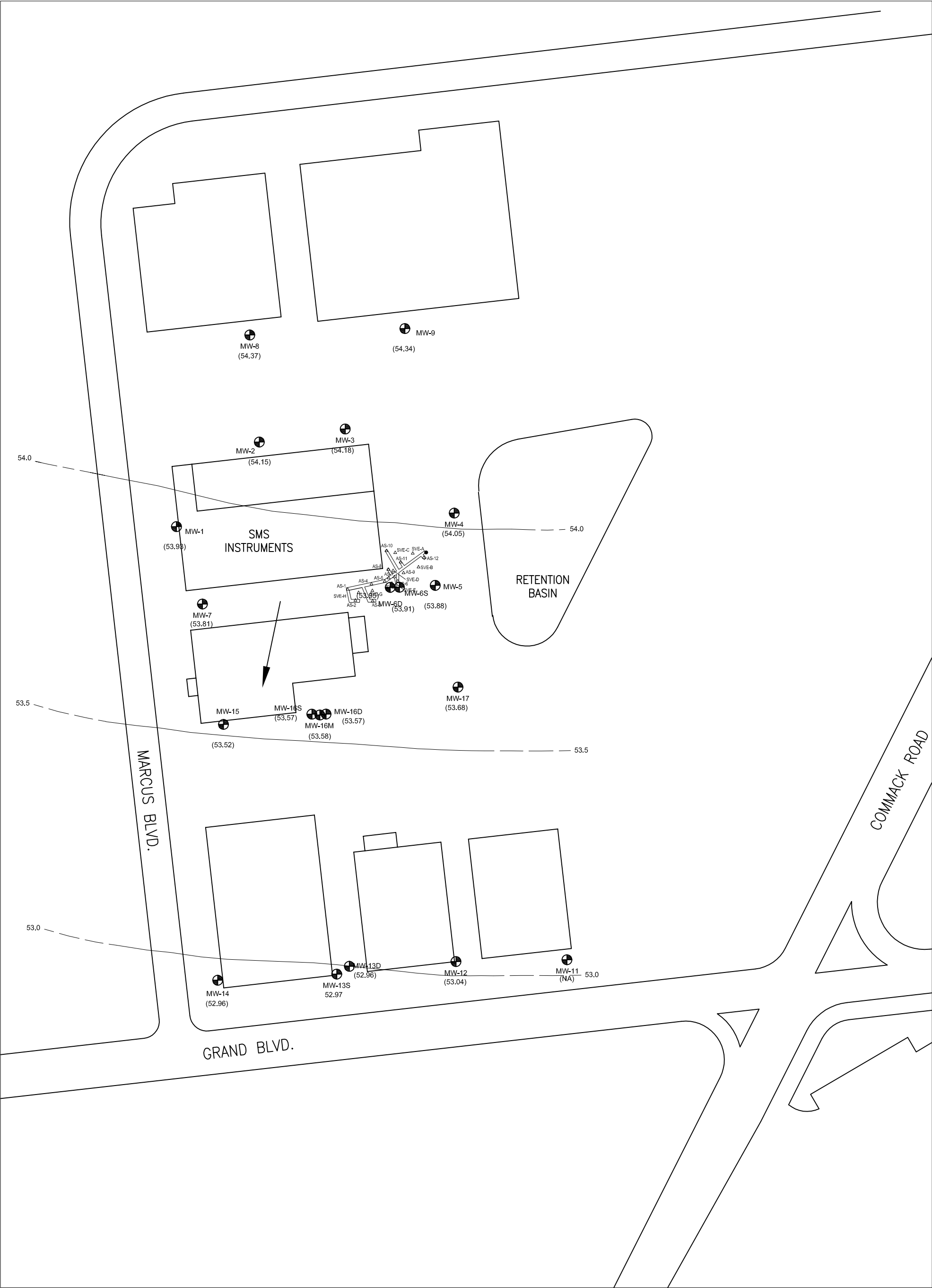


EXISTING MONITORING WELLS

GRAPHIC SCALE

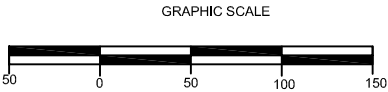


|                                    |                                                                                                                     |                            |  |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------|--|
| Prepared by : <div>EARTHTECH</div> |                                                                                                                     |                            |  |
| SUBMITTED BY : <div>PK</div>       | <div>MULTI SITE G - SMS INSTRUMENTS SITE</div> <div>SITE NO. 1-52-026</div> <div>MONITORING WELL LOCATION MAP</div> |                            |  |
| DRAWN BY : <div>MKC</div>          |                                                                                                                     |                            |  |
| APPROVED BY : <div>PK</div>        |                                                                                                                     |                            |  |
| DATE : <div>NOVEMBER 2007</div>    | SCALE : <div>AS SHOWN</div>                                                                                         | DRAWING NO. : <div>2</div> |  |

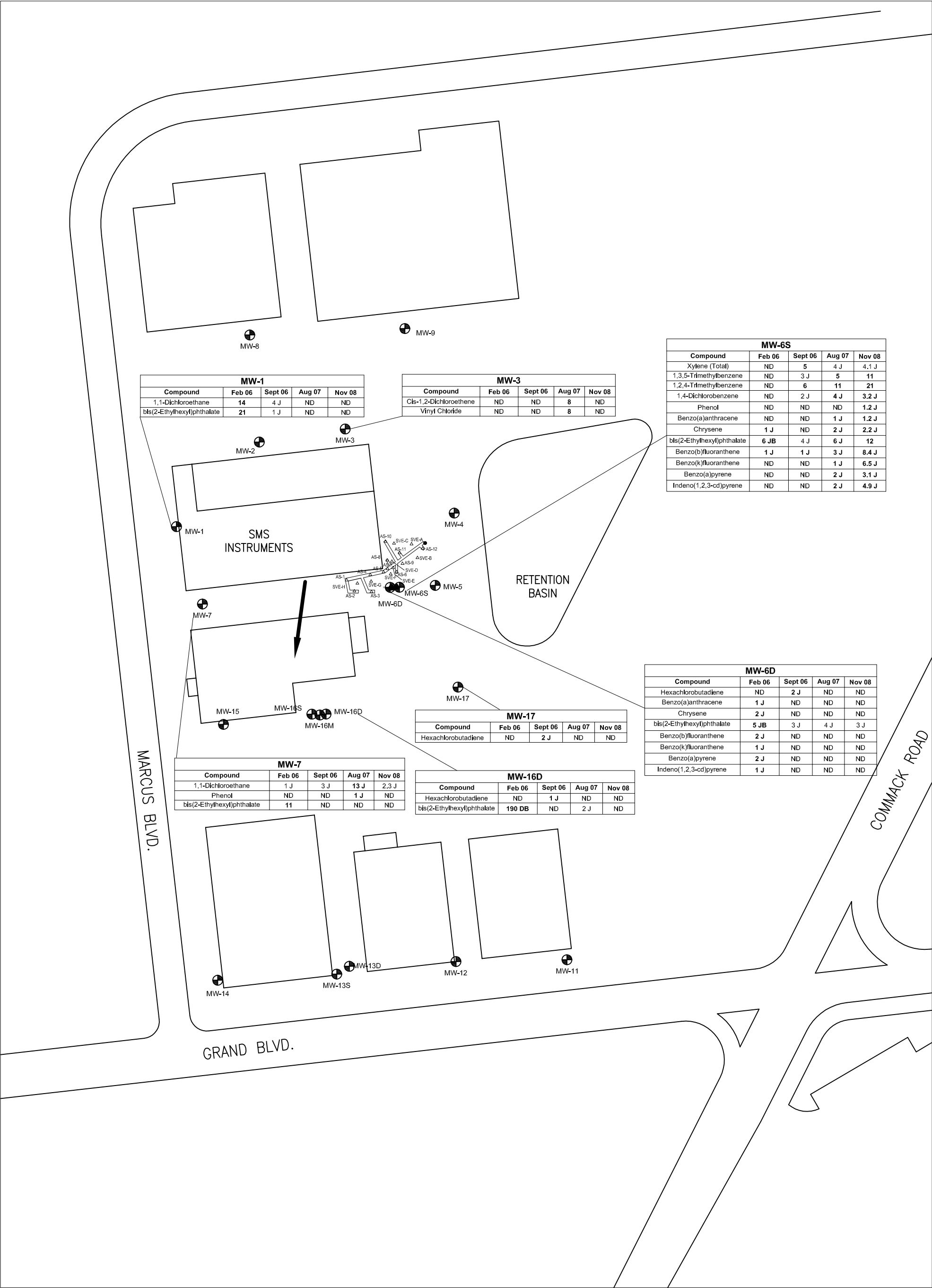


LEGEND:

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

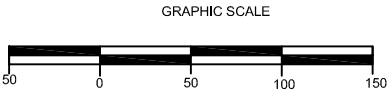


|                                    |  |                                                          |                            |
|------------------------------------|--|----------------------------------------------------------|----------------------------|
| Prepared by : <div>EARTHTECH</div> |  |                                                          |                            |
| SUBMITTED BY : <div>PK</div>       |  | MULTI SITE G - SMS INSTRUMENTS SITE<br>SITE NO. 1-52-026 |                            |
| DRAWN BY : <div>VM</div>           |  | GROUNDWATER CONTOUR<br>MAP<br>NOVEMBER 5, 2008           |                            |
| APPROVED BY : <div>PK</div>        |  | DATE : <div>NOVEMBER 2008</div>                          | DRAWING NO. : <div>3</div> |
|                                    |  | SCALE : <div>AS SHOWN</div>                              |                            |



LEGEND:

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



Prepared by :

EARTH

TECH

SUBMITTED BY :

PK

DRAWN BY :

VM

APPROVED BY :

PK

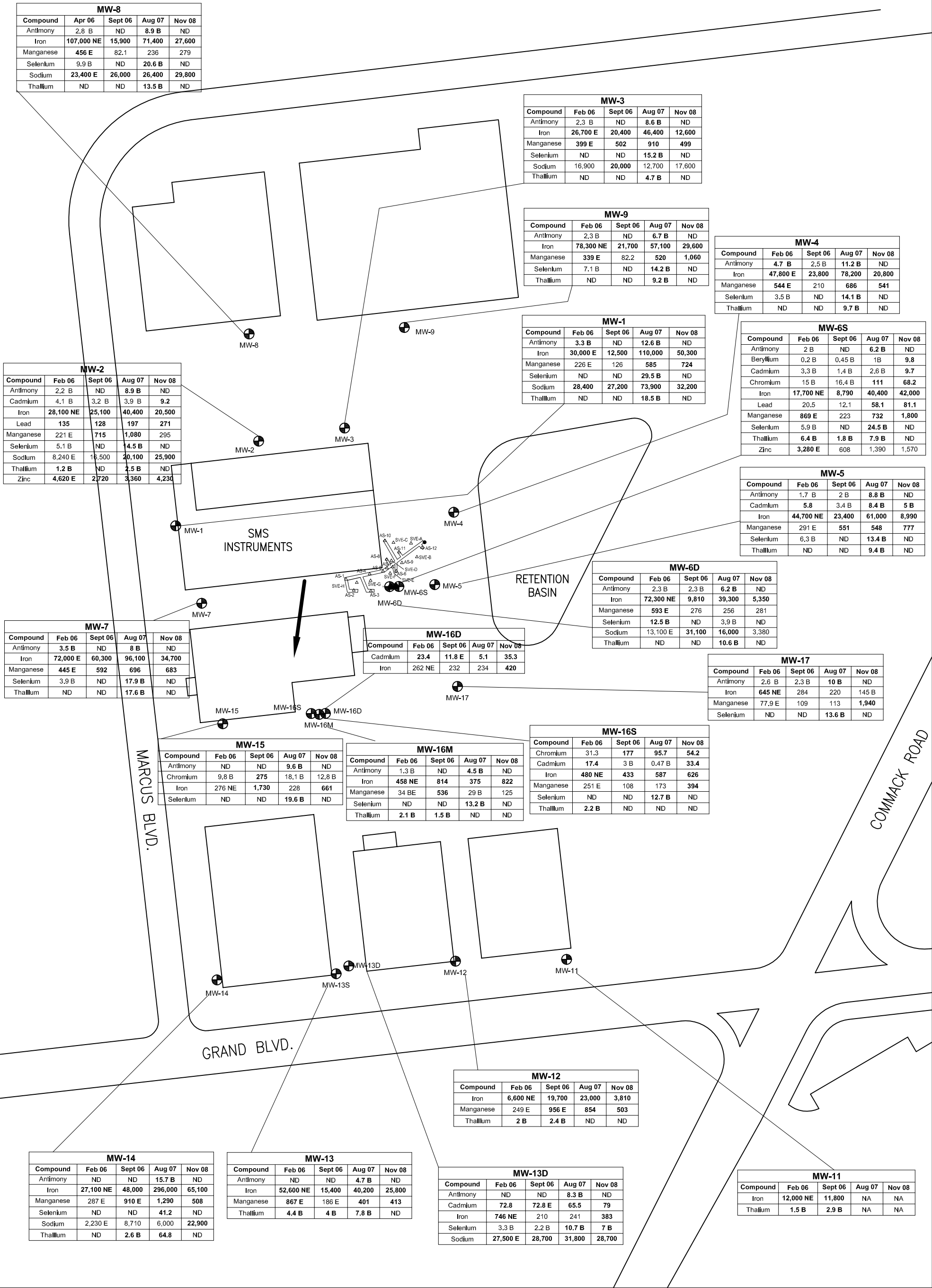
MULTI SITE G - SMS INSTRUMENTS SITE  
SITE NO. 1-52-026

VOCs & SVOCs  
EXCEEDANCES IN  
GROUNDWATER

DATE :  
NOVEMBER 2008

SCALE :  
AS SHOWN

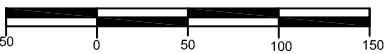
DRAWING NO. :  
4



LEGEND:

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

GRAPHIC SCALE



Prepared by :

EARTHTECH

SUBMITTED BY :

PK

DRAWN BY :

VM

APPROVED BY :

PK

MULTI SITE G - SMS INSTRUMENTS SITE

NO. 1-52-026

METALS EXCEEDANCES IN GROUNDWATER

DATE :  
NOVEMBER 2008

SCALE :  
AS SHOWN

DRAWING NO. :  
5



**APPENDIX A**

**WELL SAMPLING FORMS – ROUND 4 (NOVEMBER 2008)**

**Earth Tech | AECOM**

**WELL NO. MW-1**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 2**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 3**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 4**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 5**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 6S**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 6D**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 7**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 8**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 9**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 12**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 13S**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 13D**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 14**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 15**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 16S**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 16M**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 16D**

[illegible]

**Earth Tech | AECOM**

**WELL NO. MW- 17**

[illegible]

**APPENDIX B**

**NYSDEC MONITORING WELL FIELD INSPECTION LOGS**

SITE NAME: SMSSITE ID: SMSINSPECTOR: P. L.

## MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 11/5/08 1428WELL ID: NW-1

WELL VISIBLE? (If not, provide directions below) .....

| YES | NO |
|-----|----|
|     | X  |

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 |
|-----|----|
| X   |    |

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? .....

| YES | NO |
|-----|----|
| X   |    |
| X   |    |
| X   |    |

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 / PIDTYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) Black mount w/ gradePROTECTIVE CASING MATERIAL TYPE: metalMEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 10"

| YES | NO |
|-----|----|
|     | X  |
|     | X  |
|     | X  |
|     | X  |
|     | X  |

LOCK PRESENT? .....

LOCK FUNCTIONAL? .....

DID YOU REPLACE THE LOCK? .....

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) .....

WELL MEASURING POINT VISIBLE? .....

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 20-28MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 19.25MEASURE WELL DIAMETER (Inches): 2"WELL CASING MATERIAL: metalPHYSICAL CONDITION OF VISIBLE WELL CASING: goodATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE 8' from overheadPROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES utilities, 3' from buried water

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.

Front yard of business, overhead lines and trees nearby.

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

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Grassy yard, surrounded by curb and building.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

possibility for fertilization

REMARKS:

location: in grass; halfway between road and building, between sun post and tree.

SITE NAME: SMSSITE ID: SMS  
INSPECTOR: Pete Lawler  
DATE/TIME: 11/14/05 11:20  
WELL ID: MW-2

## MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below) \_\_\_\_\_

| YES | NO |
|-----|----|
| X   |    |

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 |
|-----|----|
| X   |    |
| X   |    |

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? \_\_\_\_\_

| YES | NO |
|-----|----|
| X   |    |
| X   |    |
| X   |    |

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): \_\_\_\_\_

D.O. PID  
Flush around/w/grade  
metal  
Pipe 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? \_\_\_\_\_

| YES | NO |
|-----|----|
|     | X  |
|     | X  |
|     | X  |
| X   |    |

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 \_\_\_\_\_

28.52  
18.19  
2  
metal & Poly  
good  
marker  
100' from water on  
Marcus St.

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.

Fenced alley/driveway to parking lot. Fence open

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.

Driveway next to building, Three cars wide, fenced in  
↳ warehouse

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

Parking lot nearby

REMARKS:

SITE NAME: SMS

SITE ID: SMS  
 INSPECTOR: Pete Lawler  
 DATE/TIME: 4/9/08 1225  
 WELL ID: mw-3

# MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below) \_\_\_\_\_

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL COORDINATES? NYTM X \_\_\_\_\_ NYTM Y \_\_\_\_\_

PDOP Reading from Trimble pathfinder: \_\_\_\_\_

Satellites: \_\_\_\_\_

GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE? \_\_\_\_\_

Lat 40° 45.716' Long 73° 18.930'

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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? \_\_\_\_\_

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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): \_\_\_\_\_

00 PID  
 flush mount w/grade  
 metal  
 2" ID

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? \_\_\_\_\_

| YES                      | NO                                  |
|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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 \_\_\_\_\_

28.01  
 17.71  
 2  
 1/2" ID  
 good  
 marker  
 250' to water meter  
 on meters 51'

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.

Drive way to parking lot, fenced in, gate open

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.

Drive way to parking behind warehouse surrounded by warehouse and fence,

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

Parking lot on opposite side of fence, cars parked in driveway.

REMARKS:

SITE NAME: SMSSITE ID: SMSINSPECTOR: Pete LawlerDATE/TIME: 11/4/08 1331WELL ID: MIN-4

## MONITORING WELL FIELD INSPECTION LOG

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

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.

ferried lot accessible from 2 driveways, gates are open

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.

Parking lot behind warehouse, near fence

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

located in a parking lot

REMARKS:

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| YES                                 | NO                                  |
|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

| YES                      | NO                                  |
|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| YES                      | NO                                  |
|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| YES                      | NO                                  |
|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| YES                      | NO                                  |
|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |

SITE NAME: S.M.S.SITE ID: S.M.S.INSPECTOR: P. LamberDATE/TIME: 11/4/05 1435WELL ID: mw - 5

## MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below)

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL COORDINATES? NYTM X

NYTM Y

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle)

Trimble

And/Or

MagellanWELL I.D. VISIBLE? Lat 40° 45.689 Long 73° 18.911°

| YES                                 | NO                                  |
|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

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?

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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):

0.0 ppm/ED  
flush mount w/grade  
metal  
6"

| YES                                 | NO                                  |
|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

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

25.35  
16.99  
2"  
metal  
good  
permanent marker  
8' from overhead  
lines

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 present, sheets of polished rock next to 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.

Parking lot, fenced in, gates open, used for rock storage

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

located in parking lot, no cars present currently.

REMARKS:

SITE NAME: SM

SITE ID: SM

INSPECTOR: Pete Lowry

DATE/TIME: 11/5/08 0908

WELL ID: MW-65

# MONITORING WELL FIELD INSPECTION LOG

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

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.

In driveway/parking lot, overhead lines near by

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.

Parking lot/storage yard, some traffic, paved.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

Cars parked nearby, trucks parked close

REMARKS:

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| YES                                 | NO                                  |
|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

|              |
|--------------|
| <u>26.41</u> |
| <u>16.73</u> |
| <u>32</u>    |
| <u>Poly</u>  |
| <u>good</u>  |

5' from overhead lines

0.0/0.0  
5/15/08 mount w/legend  
metal  
6"

SITE NAME: SMS

SITE ID: SMS

INSPECTOR: PL

DATE/TIME: 11/5/08 1100

WELL ID: mw-00

# MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below)

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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                                  |
|-------------------------------------|-------------------------------------|
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

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?

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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):

g.c. p.d.  
flush with w/g 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?

| YES                                 | NO                                  |
|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

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

97.40  
16.75  
4"  
Poly  
good

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.

open driveway/parking lot, overhead lines close, rock storage also close

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.

Parking lot, fenced in, gates open, limited traffic

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

Cars, trucks parked nearby

REMARKS:

SITE NAME: SMS

SITE ID: SMS

INSPECTOR: D.C.

# MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 11/5/08/1335

WELL ID: mw-7

WELL VISIBLE? (If not, provide directions below) \_\_\_\_\_

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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                                  |
|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

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? \_\_\_\_\_

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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): \_\_\_\_\_

20/8ID  
flex mount w/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? \_\_\_\_\_

| YES                      | NO                                  |
|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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 \_\_\_\_\_

28.67  
18.38  
2"  
metal  
good  
15' from overhead  
lines on Marcus St.

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.

Driveway, overhead lines would be problem. possible high traffic area

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

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

paved driveway with parking on both sides, near Marcus St.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

Parked cars near by.

REMARKS:

SITE NAME: SMS

SITE ID: SMS-MW-8

INSPECTOR: Pete Lawler

# MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 11/4/08 1010

WELL ID: MW-8

WELL VISIBLE? (If not, provide directions below)

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL COORDINATES?

NYTM X

NYTM Y

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE?

Lat 40°45.728' Long 73°18.959'

| YES                                 | NO                                  |
|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

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                                  |
|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

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):

0.0 PID  
Flush w/grade  
Metal  
12" dia

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?

even w/ser. cut

| YES                      | NO                                  |
|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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

29.15  
16.85  
2"  
Metal  
good

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.

Parking lot, with gate, never locked

150' from water main  
in Marcus St.

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.

open parking lot for light industrial

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

Cars from parking lot.

REMARKS:

No J Plug

SITE NAME:

SMS

SITE ID:

SMS

INSPECTOR:

P

## MONITORING WELL FIELD INSPECTION LOG

DATE/TIME:

6/6/08 1425

WELL ID:

MW-9

WELL VISIBLE? (If not, provide directions below)

| YES | NO |
|-----|----|
| X   |    |

WELL COORDINATES?

NYTM X

NYTM Y

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle)

Trimble

And/Or

Magellan

| YES | NO |
|-----|----|
|     | X  |
| X   |    |

WELL I.D. VISIBLE?

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

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

| YES | NO |
|-----|----|
| X   |    |
| X   |    |
| X   |    |

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

| YES | NO |
|-----|----|
| X   |    |
| X   |    |
| X   |    |

HEADSPACE READING (ppm) AND INSTRUMENT USED

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

| YES | NO |
|-----|----|
|     | X  |
|     | X  |
|     | X  |
|     | X  |
| X   |    |

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

| YES | NO |
|-----|----|
|     | X  |
|     | X  |
|     | X  |
|     | X  |
| X   |    |

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.

Well is found in parking lot near dumpsters where semi trucks are parked. lot is fenced and overhead lines cross open gate.

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

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

parking lot paved surface

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

Trucks parked nearby, dumpsters located next to well.

REMARKS:

Well was covered by dumpster, had to move to gain access.

SITE NAME: SMS

SITE ID: SMS  
INSPECTOR: D.S.  
DATE/TIME: 11/7/08/1245  
WELL ID: MW-12

## MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below) \_\_\_\_\_

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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                                  |
|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) \_\_\_\_\_

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: None

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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 Mini Roe 2000

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) \_\_\_\_\_

PROTECTIVE CASING MATERIAL TYPE: \_\_\_\_\_

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"

| YES                                 | NO                                  |
|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

LOCK PRESENT? \_\_\_\_\_

LOCK FUNCTIONAL? \_\_\_\_\_

DID YOU REPLACE THE LOCK? \_\_\_\_\_

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) \_\_\_\_\_

WELL MEASURING POINT VISIBLE? \_\_\_\_\_

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 47.5'

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 16.78'

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 No

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES 25'

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.

Open access on the front lawn of Difazio Electric

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.

In the grass (well kept)

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

Down gradient from SMS site

REMARKS:

SITE NAME:

SMS

SITE ID:

SMS

INSPECTOR:

DS

DATE/TIME:

11/7/08/0956

WELL ID:

MW-138

## MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below)

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL COORDINATES?

NYTM X

NYTM Y

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle)

Trimble

And/Or

Magellan

WELL I.D. VISIBLE?

Lat 40°45.617 Long 73°18.907

| YES                      | NO                                  |
|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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

South 20' in grass

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

None

| YES                                 | NO                                  |
|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

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

Mini Rae 2000

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6"

0.0/PPD  
Grade/Glass  
Metal

| YES                      | NO                                  |
|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

46.34

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

13.19

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

No

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

60'

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.

30' from Grand Blvd, open access on front lawn of Woodbine Products Inc.

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.

In the grass (well kept)

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

None

REMARKS:

REMARKS:

SITE NAME: Sms

SITE ID: Sms  
INSPECTOR: DS  
DATE/TIME: 11/7/08 / 0930  
WELL ID: rw-14

## MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below) .....

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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                                  |
|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) 30' SE of Bldg corner  
corner of Marquis and 85th and Blvd

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: None

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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 Mini. Rae 2000

0.0 / PPD

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) .....

Flash

PROTECTIVE CASING MATERIAL TYPE: .....

metal

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"

| YES                                 | NO                                  |
|-------------------------------------|-------------------------------------|
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

LOCK PRESENT? .....

LOCK FUNCTIONAL? .....

DID YOU REPLACE THE LOCK? .....

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) .....

WELL MEASURING POINT VISIBLE? .....

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 45.92

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 18.33

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 No

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES 25'

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.

Open access on front lawn of Woodbine Park at the corner of Marquis and Grand

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.

In the grass (well kept)

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

None

REMARKS:

SITE NAME:

SMS

SITE ID:

SMS

INSPECTOR:

P. C.

## MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 11/6/08 0919

WELL ID: MW-15

WELL VISIBLE? (If not, provide directions below)

may not be during growing season

WELL COORDINATES?

NYTM X

NYTM Y

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle)

Trimble

And/Or

Magellan

| YES | NO |
|-----|----|
| X   |    |

WELL I.D. VISIBLE?

Lat 40°45.658 Long 73°18.945

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

| YES | NO |
|-----|----|
| X   |    |

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)

| YES | NO |
|-----|----|
| X   |    |
| X   |    |
| X   |    |

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):

0.0 / P.D.  
 State must upgrade  
 metal  
 10"

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?

| YES | NO |
|-----|----|
| X   |    |
|     | X  |
|     | X  |
|     | X  |

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

36.68  
 18.03  
 4"  
 metal  
 good  
 25' from overhead  
 lines

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.

Overgrown area under tree, near building w/ overhead lines, fenced in, open gate

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

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Overgrown area next to fenced in parking lot, overhead lines across entrance.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

parking lot nearby

REMARKS:

SITE NAME:

SMS

SITE ID: SMS

INSPECTOR: P. L.

DATE/TIME: 11/6/08 1025

WELL ID: MW-165

## MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below)

May not be visible depending on season

| YES | NO |
|-----|----|
| X   |    |

WELL COORDINATES? NYTM X

NYTM Y

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle)

Trimble

And/Or

Magellan

WELL I.D. VISIBLE?

Lat 40°45.690' Long 73°18.915'

| YES | NO |
|-----|----|
|     | X  |
| X   |    |

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)

| YES | NO |
|-----|----|
| X   |    |
| X   |    |
| X   |    |

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):

0.0 / PID  
Plus amount of grade  
metal  
10"

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?

| YES | NO |
|-----|----|
| X   |    |
|     | X  |
|     | X  |
|     | X  |
|     | X  |

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

36.92  
17.90  
4"  
metal  
good

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.

overgrown area off fenced in lot with overhead lines crossing entrance

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.

overgrown area next to fenced in parking lot

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

near parking lot

REMARKS:

SITE NAME: SMS

SITE ID: SMS  
INSPECTOR: DS  
DATE/TIME: 11/6/11 / 11:27  
WELL ID: MW-16M

# MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below) may not be visible during growing season 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: None

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 Mini Roe 5000  
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) 0.0/PPD  
PROTECTIVE CASING MATERIAL TYPE: Grade/Plush  
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 10' Metal

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) 1 YES ☒ NO ☒  
WELL MEASURING POINT VISIBLE? \_\_\_\_\_ YES ☐ NO ☒

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 57.80  
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 18.01  
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 NO  
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES 250' E of

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' off North end of parking lot in overgrown area with a fence on all but the South direction.

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.  
in the grass, access: drive from the South

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

REMARKS:  
Well located 5' East of temporary fence

SITE NAME: SMS

SITE ID: SMS

INSPECTOR: P. C.

# MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 4/6/08 1245

WELL ID: MW-K6D

WELL VISIBLE? (If not, provide directions below)

may not be visible during growing season

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL COORDINATES? NYTM X                      NYTM Y                     

PDOP Reading from Trimble pathfinder:                      Satellites:                     

GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE? Lat 40°45.690 Long 73°18.919

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

HEADSPACE READING (ppm) AND INSTRUMENT USED

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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

| YES                                 | NO                       |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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.

Overgrown area north parking lot, fenced off, gate open

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.

overgrown area back of parking lot

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

None

REMARKS:

Well is 5' East of well 16M

SITE NAME: SMS

SITE ID: 2MS  
INSPECTOR: P. C.  
DATE/TIME: 11/6/08 0830  
WELL ID: MW-17

# MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below)

| YES | NO |
|-----|----|
| X   |    |

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 |
|-----|----|
| X   | X  |

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?

| YES | NO |
|-----|----|
| X   |    |

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

| YES | NO |
|-----|----|
| X   |    |

0.0 / PED  
flush mount w/ grade  
metal  
10"

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?

| YES | NO |
|-----|----|
| X   |    |
|     | X  |
|     | X  |
|     | X  |
|     | X  |

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

| YES | NO |
|-----|----|
|     | X  |
|     | X  |
|     | X  |
|     | X  |
|     | X  |

36.44  
17.51  
4"  
Poly  
good  
100' from overhead lines

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

Located in parking lot, surrounded by sheets of rock, and fenced in. Power lines may hinder access. gate open

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.

Parking lot used for storage

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

REMARKS:

**APPENDIX C**

**LABORATORY DATA SUMMARY PACKAGES (FORM 1s)**

**APPENDIX C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS AND TAL METALS**

| Sample Location                   | NYSDEC      | MW-1      | MW-2      | MW-3      | MW-4      | MW-5      |
|-----------------------------------|-------------|-----------|-----------|-----------|-----------|-----------|
| Sample ID                         | Class GA    | SMS-MW-1  | SMS-MW-2  | SMS-MW-3  | SMS-MW-4  | SMS-MW-5  |
| Laboratory ID                     | Groundwater | G2029-10C | G2029-02C | G2029-03C | G2029-04C | G2029-05C |
| Sample Data                       | Criteria    | 11/5/08   | 11/4/08   | 11/4/08   | 11/4/08   | 11/4/08   |
| Matrix                            | water       | water     | water     | water     | water     | water     |
| Units                             | µg/L        | µg/L      | µg/L      | µg/L      | µg/L      | µg/L      |
|                                   |             | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   |
| <b>Volatile Organic Compounds</b> |             |           |           |           |           |           |
| 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       | 5 U       | 5 U       | 5 U       |
| cis-1,2-Dichloroethene            | 5           | 5 U       | 5 U       | 5 U       | 5 U       | 5 U       |

**APPENDIX C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS AND TAL METALS**

| Sample Location                       | NYSDEC      | MW-1      | MW-2      | MW-3      | MW-4      | MW-5      |
|---------------------------------------|-------------|-----------|-----------|-----------|-----------|-----------|
| Sample ID                             | Class GA    | SMS-MW-1  | SMS-MW-2  | SMS-MW-3  | SMS-MW-4  | SMS-MW-5  |
| Laboratory ID                         | Groundwater | G2029-10C | G2029-02C | G2029-03C | G2029-04C | G2029-05C |
| Sample Data                           | Criteria    | 11/5/08   | 11/4/08   | 11/4/08   | 11/4/08   | 11/4/08   |
| Matrix                                | water       | water     | water     | water     | water     | water     |
| Units                                 | µg/L        | µg/L      | µg/L      | µg/L      | µg/L      | µg/L      |
|                                       |             | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   |
| 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       | 1.2 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       | 1.4 J     | 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       |
| <b>Semivolatile Organic Compounds</b> |             |           |           |           |           |           |
| 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 C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS AND TAL METALS**

| Sample Location            | NYSDEC      | MW-1      | MW-2      | MW-3      | MW-4      | MW-5      |
|----------------------------|-------------|-----------|-----------|-----------|-----------|-----------|
| Sample ID                  | Class GA    | SMS-MW-1  | SMS-MW-2  | SMS-MW-3  | SMS-MW-4  | SMS-MW-5  |
| Laboratory ID              | Groundwater | G2029-10C | G2029-02C | G2029-03C | G2029-04C | G2029-05C |
| Sample Data                | Criteria    | 11/5/08   | 11/4/08   | 11/4/08   | 11/4/08   | 11/4/08   |
| Matrix                     | water       | water     | water     | water     | water     | water     |
| Units                      | µg/L        | µg/L      | µg/L      | µg/L      | µg/L      | µg/L      |
|                            |             | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   |
| 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 C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS AND TAL METALS**

| Sample Location            | NYSDEC      | MW-1      | MW-2      | MW-3      | MW-4      | MW-5      |
|----------------------------|-------------|-----------|-----------|-----------|-----------|-----------|
| Sample ID                  | Class GA    | SMS-MW-1  | SMS-MW-2  | SMS-MW-3  | SMS-MW-4  | SMS-MW-5  |
| Laboratory ID              | Groundwater | G2029-10C | G2029-02C | G2029-03C | G2029-04C | G2029-05C |
| Sample Data                | Criteria    | 11/5/08   | 11/4/08   | 11/4/08   | 11/4/08   | 11/4/08   |
| Matrix                     | water       | water     | water     | water     | water     | water     |
| Units                      | µg/L        | µg/L      | µg/L      | µg/L      | µg/L      | µg/L      |
|                            |             | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   |
| 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      |
| <b>TAL Metals</b>          |             |           |           |           |           |           |
| Aluminum                   | NC          | 705       | 929       | 184 B     | 208       | 130 B     |
| Antimony                   | 3           | 4.6 U     | 4.6 U     | 4.6 U     | 4.6 U     | 4.6 U     |
| Arsenic                    | 25          | 5.3 U     | 5.3 U     | 5.3 U     | 5.3 U     | 5.3 U     |
| Barium                     | 1,000       | 76.7 B    | 64.5 B    | 49.8 B    | 53.8 B    | 190 B     |
| Beryllium                  | 3           | 0.19 B    | 0.17 B    | 0.13 U    | 0.15 B    | 0.14 B    |
| Cadmium                    | 5           | 0.6 B     | 9.2       | 0.24 B    | 0.4 B     | 5 B       |
| Calcium                    | NC          | 38,600    | 24,700    | 25,200    | 12,800    | 13,400    |
| Chromium                   | 50          | 12.3 B    | 6.5 B     | 3.5 B     | 5 B       | 3.5 B     |
| Cobalt                     | NC          | 4 B       | 1.3 B     | 1.2 U     | 3 B       | 4.8 B     |
| Copper                     | 200         | 41.3      | 37.5      | 14.4 B    | 12 B      | 35.5      |
| Iron                       | 300         | 50,300    | 20,500    | 12,600    | 20,800    | 8,990     |
| Lead                       | 25          | 6.5 B     | 271       | 4.8 B     | 5.5 B     | 4 B       |
| Magnesium                  | 35,000      | 6,880     | 5,950     | 3,950     | 1,110     | 2,150     |
| Manganese                  | 300         | 724       | 295       | 499       | 541       | 777       |
| Mercury                    | 0.7         | 0.016 U   | 0.016 U   | 0.016 U   | 0.016 U   | 0.016 U   |
| Nickel                     | 100         | 16.7 B    | 5.6 B     | 2.2 B     | 3.7 B     | 6.7 B     |
| Potassium                  | NC          | 9,970     | 11,100    | 6,830     | 1,790     | 2,360     |
| Selenium                   | 10          | 6.6 U     | 6.6 U     | 6.6 U     | 6.6 U     | 6.6 U     |
| Silver                     | 50          | 0.59 U    | 1.2 B     | 0.99 B    | 1.5 B     | 1.1 B     |
| Sodium                     | 20,000      | 32,200    | 25,900    | 17,600    | 3,030     | 3,690     |
| Thallium                   | 0.5         | 4.2 U     | 4.2 U     | 4.2 U     | 4.2 U     | 4.2 U     |
| Vanadium                   | NC          | 2 B       | 6 B       | 1.2 B     | 3 B       | 1.1 B     |
| Zinc                       | 2,000       | 128       | 4230      | 47.7 B    | 51.2      | 39.6 B    |

Notes:

U - Not detected

NC - No criterion

J - Estimated value (organics)

B - Estimated value (metals)

**APPENDIX C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS AND TAL METALS**

| Sample Location                   | NYSDEC      | MW-6D     | MW-6S     | MW-7      | MW-8      | MW-9      |
|-----------------------------------|-------------|-----------|-----------|-----------|-----------|-----------|
| Sample ID                         | Class GA    | SMS-MW-6D | SMS-MW-6S | SMS-MW-7  | SMS-MW-8  | SMS-MW-9  |
| Laboratory ID                     | Groundwater | G2029-07C | G2029-08C | G2029-09C | G2029-01C | G2029-16C |
| Sample Data                       | Criteria    | 11/5/08   | 11/5/08   | 11/5/08   | 11/4/08   | 11/6/08   |
| Matrix                            | water       | water     | water     | water     | water     | water     |
| Units                             | µg/L        | µg/L      | µg/L      | µg/L      | µg/L      | µg/L      |
|                                   |             | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   |
| <b>Volatile Organic Compounds</b> |             |           |           |           |           |           |
| 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       | 2.3 J     | 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       | 21        | 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       | 11        | 5 U       | 5 U       | 5 U       |
| 1,3-Dichlorobenzene               | 3           | 5 U       | 1.7 J     | 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       | 3.2 J     | 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       | 5.8       | 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       | 1.1 J     | 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       | 5 U       | 3.5 J     | 5 U       |
| cis-1,2-Dichloroethene            | 5           | 5 U       | 5 U       | 5 U       | 5 U       | 5 U       |

**APPENDIX C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS AND TAL METALS**

| Sample Location                       | NYSDEC      | MW-6D     | MW-6S     | MW-7      | MW-8      | MW-9      |
|---------------------------------------|-------------|-----------|-----------|-----------|-----------|-----------|
| Sample ID                             | Class GA    | SMS-MW-6D | SMS-MW-6S | SMS-MW-7  | SMS-MW-8  | SMS-MW-9  |
| Laboratory ID                         | Groundwater | G2029-07C | G2029-08C | G2029-09C | G2029-01C | G2029-16C |
| Sample Data                           | Criteria    | 11/5/08   | 11/5/08   | 11/5/08   | 11/4/08   | 11/6/08   |
| Matrix                                | water       | water     | water     | water     | water     | water     |
| Units                                 | µg/L        | µg/L      | µg/L      | µg/L      | µg/L      | µg/L      |
|                                       |             | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   |
| 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       | 1.2 J     | 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       | 1.6 J     | 5 U       | 5 U       | 5 U       |
| m,p-Xylene                            | 5           | 5 U       | 4.1 J     | 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       | 2 J       | 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       | 1.6 J     | 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       | 4.1 J     | 5 U       | 5 U       | 5 U       |
| <b>Semivolatile Organic Compounds</b> |             |           |           |           |           |           |
| 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      | 1.3 J     | 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 C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS AND TAL METALS**

| Sample Location            | NYSDEC      | MW-6D     | MW-6S     | MW-7      | MW-8      | MW-9      |
|----------------------------|-------------|-----------|-----------|-----------|-----------|-----------|
| Sample ID                  | Class GA    | SMS-MW-6D | SMS-MW-6S | SMS-MW-7  | SMS-MW-8  | SMS-MW-9  |
| Laboratory ID              | Groundwater | G2029-07C | G2029-08C | G2029-09C | G2029-01C | G2029-16C |
| Sample Data                | Criteria    | 11/5/08   | 11/5/08   | 11/5/08   | 11/4/08   | 11/6/08   |
| Matrix                     | water       | water     | water     | water     | water     | water     |
| Units                      | µg/L        | µg/L      | µg/L      | µg/L      | µg/L      | µg/L      |
|                            |             | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   |
| 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      | 1.2 J     | 10 U      | 10 U      | 10 U      |
| Benzo(a)pyrene             | ND          | 10 U      | 3.1 J     | 10 U      | 10 U      | 10 U      |
| Benzo(b)fluoranthene       | 0.002       | 10 U      | 8.4 J     | 10 U      | 10 U      | 10 U      |
| Benzo(g,h,i)perylene       | NC          | 10 U      | 6.4 J     | 10 U      | 10 U      | 10 U      |
| Benzo(k)fluoranthene       | 0.002       | 10 U      | 6.5 J     | 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           | 3 J       | 12        | 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      | 2.2 J     | 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      | 1.4 J     | 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      | 1.1 J     | 10 U      | 10 U      | 10 U      |
| Fluoranthene               | 50          | 10 U      | 3 J       | 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      | 4.9 J     | 10 U      | 10 U      | 10 U      |
| Isophorone                 | 50          | 10 U      | 10 U      | 10 U      | 10 U      | 10 U      |

**APPENDIX C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS AND TAL METALS**

| Sample Location            | NYSDEC      | MW-6D     | MW-6S     | MW-7      | MW-8      | MW-9      |
|----------------------------|-------------|-----------|-----------|-----------|-----------|-----------|
| Sample ID                  | Class GA    | SMS-MW-6D | SMS-MW-6S | SMS-MW-7  | SMS-MW-8  | SMS-MW-9  |
| Laboratory ID              | Groundwater | G2029-07C | G2029-08C | G2029-09C | G2029-01C | G2029-16C |
| Sample Data                | Criteria    | 11/5/08   | 11/5/08   | 11/5/08   | 11/4/08   | 11/6/08   |
| Matrix                     | water       | water     | water     | water     | water     | water     |
| Units                      | µg/L        | µg/L      | µg/L      | µg/L      | µg/L      | µg/L      |
|                            |             | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   | Conc. Q   |
| 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      | 1.2 J     | 10 U      | 10 U      | 10 U      |
| Pyrene                     | 50          | 10 U      | 2 J       | 10 U      | 10 U      | 10 U      |
| <b>TAL Metals</b>          |             |           |           |           |           |           |
| Aluminum                   | NC          | 254       | 21,400    | 106 B     | 69.8 B    | 56 U      |
| Antimony                   | 3           | 4.6 U     | 4.6 U     | 4.6 U     | 4.6 U     | 4.6 U     |
| Arsenic                    | 25          | 5.3 U     | 13.7 B    | 5.3 U     | 5.3 U     | 5.3 U     |
| Barium                     | 1,000       | 24.4 B    | 96.1 B    | 56.7 B    | 119 B     | 50.3 B    |
| Beryllium                  | 3           | 0.13 U    | 9.8       | 0.23 B    | 0.13 U    | 0.19 B    |
| Cadmium                    | 5           | 1.4 B     | 9.7       | 2.1 B     | 0.14 U    | 0.3 B     |
| Calcium                    | NC          | 18,800    | 40,300    | 32,400    | 35,700    | 23,300    |
| Chromium                   | 50          | 4 B       | 68.2      | 6.6 B     | 6.7 B     | 2.8 B     |
| Cobalt                     | NC          | 6.5 B     | 56.9      | 2.6 B     | 2.1 B     | 4.6 B     |
| Copper                     | 200         | 27.9 B    | 156       | 14.7 B    | 37.9      | 14.7 B    |
| Iron                       | 300         | 5,350     | 42,000    | 34,700    | 27,600    | 29,600    |
| Lead                       | 25          | 5.5 B     | 81.1      | 4.4 B     | 4.5 B     | 4.7 B     |
| Magnesium                  | 35,000      | 2,320     | 9,060     | 4,690     | 5,300     | 3,770     |
| Manganese                  | 300         | 281       | 1,800     | 683       | 279       | 1,060     |
| Mercury                    | 0.7         | 0.016 U   | 0.016 U   | 0.016 U   | 0.016 U   | 0.016 U   |
| Nickel                     | 100         | 5.2 B     | 55.9      | 3.9 B     | 4.6 B     | 5.9 B     |
| Potassium                  | NC          | 1,720     | 3,500     | 5,690     | 21,500    | 3,540     |
| Selenium                   | 10          | 6.6 U     | 6.6 U     | 6.6 U     | 6.6 U     | 6.6 U     |
| Silver                     | 50          | 0.75 B    | 0.59 U    | 1.5 B     | 1.5 B     | 1.9 B     |
| Sodium                     | 20,000      | 3,380     | 6,050     | 14,500    | 29,800    | 13,600    |
| Thallium                   | 0.5         | 4.2 U     | 4.2 U     | 4.2 U     | 4.2 U     | 4.2 U     |
| Vanadium                   | NC          | 1.2 B     | 40 B      | 2.1 B     | 1.8 B     | 1.4 B     |
| Zinc                       | 2,000       | 76.8      | 1570      | 51.1      | 72        | 36.4 B    |

Notes:

U - Not detected

NC - No criterion

J - Estimated value (organics)

B - Estimated value (metals)

**APPENDIX C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS 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                     | Groundwater | G2029-23C | G2029-21C  | G2029-22C  | G2029-19C | G2029-15C |
| Sample Data                       | Criteria    | 11/7/08   | 11/7/08    | 11/7/08    | 11/7/08   | 11/6/08   |
| Matrix                            | water       | water     | water      | water      | water     | water     |
| Units                             | µg/L        | µg/L      | µg/L       | µg/L       | µg/L      | µg/L      |
|                                   |             | Conc. Q   | Conc. Q    | Conc. Q    | Conc. Q   | Conc. Q   |
| <b>Volatile Organic Compounds</b> |             |           |            |            |           |           |
| 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        | 5 U        | 5 U       | 5 U       |
| cis-1,2-Dichloroethene            | 5           | 5 U       | 5 U        | 5 U        | 5 U       | 5 U       |

**APPENDIX C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS 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                         | Groundwater | G2029-23C | G2029-21C  | G2029-22C  | G2029-19C | G2029-15C |
| Sample Data                           | Criteria    | 11/7/08   | 11/7/08    | 11/7/08    | 11/7/08   | 11/6/08   |
| Matrix                                | water       | water     | water      | water      | water     | water     |
| Units                                 | µg/L        | µg/L      | µg/L       | µg/L       | µg/L      | µg/L      |
|                                       |             | Conc. Q   | Conc. Q    | Conc. Q    | Conc. Q   | Conc. Q   |
| 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       |
| <b>Semivolatile Organic Compounds</b> |             |           |            |            |           |           |
| 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 C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS 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              | Groundwater | G2029-23C | G2029-21C  | G2029-22C  | G2029-19C | G2029-15C |
| Sample Data                | Criteria    | 11/7/08   | 11/7/08    | 11/7/08    | 11/7/08   | 11/6/08   |
| Matrix                     | water       | water     | water      | water      | water     | water     |
| Units                      | µg/L        | µg/L      | µg/L       | µg/L       | µg/L      | µg/L      |
|                            |             | Conc. Q   | Conc. Q    | Conc. Q    | Conc. Q   | Conc. Q   |
| 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 C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS 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              | Groundwater | G2029-23C | G2029-21C  | G2029-22C  | G2029-19C | G2029-15C |
| Sample Data                | Criteria    | 11/7/08   | 11/7/08    | 11/7/08    | 11/7/08   | 11/6/08   |
| Matrix                     | water       | water     | water      | water      | water     | water     |
| Units                      | µg/L        | µg/L      | µg/L       | µg/L       | µg/L      | µg/L      |
|                            |             | Conc. Q   | Conc. Q    | Conc. Q    | Conc. Q   | Conc. Q   |
| 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      |
| <b>TAL Metals</b>          |             |           |            |            |           |           |
| Aluminum                   | NC          | 101 B     | 120 B      | 63.7 B     | 161 B     | 122 B     |
| Antimony                   | 3           | 4.6 U     | 4.6 U      | 4.6 U      | 4.6 U     | 4.6 U     |
| Arsenic                    | 25          | 5.3 U     | 5.3 U      | 5.3 U      | 5.3 U     | 5.3 U     |
| Barium                     | 1,000       | 27.4 B    | 20.8 B     | 66.8 B     | 40.6 B    | 19.6 B    |
| Beryllium                  | 3           | 0.13 U    | 0.13 U     | 0.13 U     | 0.13 U    | 0.13 U    |
| Cadmium                    | 5           | 1.8 B     | 1.6 B      | 79         | 0.68 B    | 4.1 B     |
| Calcium                    | NC          | 13,100    | 5,350      | 13,000     | 26,000    | 4,990     |
| Chromium                   | 50          | 2.7 B     | 3.2 B      | 5.8 B      | 2.5 B     | 12.8 B    |
| Cobalt                     | NC          | 1.2 U     | 3.5 B      | 1.2 U      | 1.2 U     | 1.9 B     |
| Copper                     | 200         | 19 B      | 8.7 B      | 28.4 B     | 10.7 B    | 9 B       |
| Iron                       | 300         | 3,810     | 25,800     | 383        | 65,100    | 661       |
| Lead                       | 25          | 7.2 B     | 2.4 B      | 2.4 B      | 5.8 B     | 4.1 B     |
| Magnesium                  | 35,000      | 1,700     | 902        | 7,990      | 2,990     | 1,480     |
| Manganese                  | 300         | 503       | 413        | 25.2 B     | 508       | 188       |
| Mercury                    | 0.7         | 0.02 B    | 0.095 B    | 0.016 U    | 0.016 U   | 0.15 B    |
| Nickel                     | 100         | 5.1 B     | 4.9 B      | 18.5 B     | 3.3 B     | 12.9 B    |
| Potassium                  | NC          | 6,340     | 17,200     | 3,030      | 13,200    | 2,680     |
| Selenium                   | 10          | 6.6 U     | 6.6 U      | 7 B        | 6.6 U     | 6.6 U     |
| Silver                     | 50          | 6.5 B     | 0.89 B     | 1.9 B      | 1.4 B     | 5.6 B     |
| Sodium                     | 20,000      | 7,390     | 12,000     | 28,700     | 22,900    | 4,880     |
| Thallium                   | 0.5         | 4.2 U     | 4.2 U      | 4.2 U      | 4.2 U     | 4.2 U     |
| Vanadium                   | NC          | 0.96 U    | 0.96 U     | 0.96 U     | 3.1 B     | 1.7 B     |
| Zinc                       | 2,000       | 99.2      | 301        | 84.3       | 57        | 56        |

Notes:

U - Not detected

NC - No criterion

J - Estimated value (organics)

B - Estimated value (metals)

**APPENDIX C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS AND TAL METALS**

| Sample Location                   | NYSDEC      | MW-16      | MW-16M     | MW-16D     | MW-17     |
|-----------------------------------|-------------|------------|------------|------------|-----------|
| Sample ID                         | Class GA    | SMS-MW-16S | SMS-MW-16M | SMS-MW-16D | SMS-MW-17 |
| Laboratory ID                     | Groundwater | G2029-12C  | G2029-13C  | G2029-14C  | G2029-11C |
| Sample Data                       | Criteria    | 11/6/08    | 11/6/08    | 11/6/08    | 11/6/08   |
| Matrix                            | water       | water      | water      | water      | water     |
| Units                             | µg/L        | µg/L       | µg/L       | µg/L       | µg/L      |
|                                   |             | Conc. Q    | Conc. Q    | Conc. Q    | Conc. Q   |
| <b>Volatile Organic Compounds</b> |             |            |            |            |           |
| 1,1,1,2-Tetrachloroethane         | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,1,1-Trichloroethane             | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,1,2,2-Tetrachloroethane         | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,1,2-Trichloroethane             | 1           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,1-Dichloroethane                | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,1-Dichloroethene                | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,1-Dichloropropene               | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,2,3-Trichlorobenzene            | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,2,3-Trichloropropane            | 0.04        | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,2,4-Trichlorobenzene            | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,2,4-Trimethylbenzene            | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,2-Dibromo-3-chloropropane       | 0.04        | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,2-Dibromoethane                 | NC          | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,2-Dichlorobenzene               | 3           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,2-Dichloroethane                | 0.6         | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,2-Dichloropropane               | 1           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,3,5-Trimethylbenzene            | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,3-Dichlorobenzene               | 3           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,3-Dichloropropane               | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 1,4-Dichlorobenzene               | 3           | 5 U        | 5 U        | 5 U        | 5 U       |
| 2,2-Dichloropropane               | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 2-Butanone                        | 50          | 5 U        | 5 U        | 5 U        | 5 U       |
| 2-Chlorotoluene                   | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 2-Hexanone                        | 50          | 5 U        | 5 U        | 5 U        | 5 U       |
| 4-Chlorotoluene                   | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 4-Isopropyltoluene                | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| 4-Methyl-2-pentanone              | 50          | 5 U        | 5 U        | 5 U        | 5 U       |
| Acetone                           | 50          | 5 U        | 5 U        | 5 U        | 5 U       |
| Benzene                           | 1           | 5 U        | 5 U        | 5 U        | 5 U       |
| Bromobenzene                      | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Bromochloromethane                | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Bromodichloromethane              | 50          | 5 U        | 5 U        | 5 U        | 5 U       |
| Bromoform                         | 50          | 5 U        | 5 U        | 5 U        | 5 U       |
| Bromomethane                      | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Carbon disulfide                  | 60          | 5 U        | 5 U        | 5 U        | 5 U       |
| Carbon tetrachloride              | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Chlorobenzene                     | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Chloroethane                      | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Chloroform                        | 7           | 5 U        | 1.3 J      | 5 U        | 5 U       |
| Chloromethane                     | NC          | 5 U        | 5 U        | 5 U        | 5 U       |
| cis-1,2-Dichloroethene            | 5           | 5 U        | 5 U        | 5 U        | 5 U       |

**APPENDIX C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS AND TAL METALS**

| Sample Location                       | NYSDEC      | MW-16      | MW-16M     | MW-16D     | MW-17     |
|---------------------------------------|-------------|------------|------------|------------|-----------|
| Sample ID                             | Class GA    | SMS-MW-16S | SMS-MW-16M | SMS-MW-16D | SMS-MW-17 |
| Laboratory ID                         | Groundwater | G2029-12C  | G2029-13C  | G2029-14C  | G2029-11C |
| Sample Data                           | Criteria    | 11/6/08    | 11/6/08    | 11/6/08    | 11/6/08   |
| Matrix                                | water       | water      | water      | water      | water     |
| Units                                 | µg/L        | µg/L       | µg/L       | µg/L       | µg/L      |
|                                       |             | Conc. Q    | Conc. Q    | Conc. Q    | Conc. Q   |
| cis-1,3-Dichloropropene               | 0.4         | 5 U        | 5 U        | 5 U        | 5 U       |
| Dibromochloromethane                  | 50          | 5 U        | 5 U        | 5 U        | 5 U       |
| Dibromomethane                        | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Dichlorodifluoromethane               | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Ethylbenzene                          | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Hexachlorobutadiene                   | 0.5         | 5 U        | 5 U        | 5 U        | 5 U       |
| Iodomethane                           | NC          | 5 U        | 5 U        | 5 U        | 5 U       |
| Isopropylbenzene                      | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| m,p-Xylene                            | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Methyl tert-butyl ether               | 10          | 5 U        | 5 U        | 5 U        | 5 U       |
| Methylene chloride                    | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| n-Butylbenzene                        | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| n-Propylbenzene                       | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Naphthalene                           | 10          | 5 U        | 5 U        | 5 U        | 5 U       |
| o-Xylene                              | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| sec-Butylbenzene                      | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Styrene                               | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| tert-Butylbenzene                     | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Tetrachloroethene                     | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Toluene                               | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| trans-1,2-Dichloroethene              | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| trans-1,3-Dichloropropene             | 0.4         | 5 U        | 5 U        | 5 U        | 5 U       |
| Trichloroethene                       | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Trichlorofluoromethane                | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| Vinyl acetate                         | NC          | 5 U        | 5 U        | 5 U        | 5 U       |
| Vinyl chloride                        | 2           | 5 U        | 5 U        | 5 U        | 5 U       |
| Xylene (Total)                        | 5           | 5 U        | 5 U        | 5 U        | 5 U       |
| <b>Semivolatile Organic Compounds</b> |             |            |            |            |           |
| 1,2,4-Trichlorobenzene                | 5           | 10 U       | 10 U       | 10 U       | 10 U      |
| 1,2-Dichlorobenzene                   | 3           | 10 U       | 10 U       | 10 U       | 10 U      |
| 1,3-Dichlorobenzene                   | 3           | 10 U       | 10 U       | 10 U       | 10 U      |
| 1,4-Dichlorobenzene                   | 3           | 10 U       | 10 U       | 10 U       | 10 U      |
| 2,2'-oxybis(1-Chloropropane)          | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| 2,4,5-Trichlorophenol                 | NC          | 20 U       | 20 U       | 20 U       | 20 U      |
| 2,4,6-Trichlorophenol                 | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| 2,4-Dichlorophenol                    | 1           | 10 U       | 10 U       | 10 U       | 10 U      |
| 2,4-Dimethylphenol                    | 50          | 10 U       | 10 U       | 10 U       | 10 U      |
| 2,4-Dinitrophenol                     | 10          | 20 U       | 20 U       | 20 U       | 20 U      |
| 2,4-Dinitrotoluene                    | 5           | 10 U       | 10 U       | 10 U       | 10 U      |
| 2,6-Dinitrotoluene                    | 5           | 10 U       | 10 U       | 10 U       | 10 U      |
| 2-Chloronaphthalene                   | 10          | 10 U       | 10 U       | 10 U       | 10 U      |
| 2-Chlorophenol                        | NC          | 10 U       | 10 U       | 10 U       | 10 U      |

**APPENDIX C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS AND TAL METALS**

| Sample Location            | NYSDEC      | MW-16      | MW-16M     | MW-16D     | MW-17     |
|----------------------------|-------------|------------|------------|------------|-----------|
| Sample ID                  | Class GA    | SMS-MW-16S | SMS-MW-16M | SMS-MW-16D | SMS-MW-17 |
| Laboratory ID              | Groundwater | G2029-12C  | G2029-13C  | G2029-14C  | G2029-11C |
| Sample Data                | Criteria    | 11/6/08    | 11/6/08    | 11/6/08    | 11/6/08   |
| Matrix                     | water       | water      | water      | water      | water     |
| Units                      | µg/L        | µg/L       | µg/L       | µg/L       | µg/L      |
|                            |             | Conc. Q    | Conc. Q    | Conc. Q    | Conc. Q   |
| 2-Methylnaphthalene        | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| 2-Methylphenol             | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| 2-Nitroaniline             | 5           | 20 U       | 20 U       | 20 U       | 20 U      |
| 2-Nitrophenol              | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| 3,3'-Dichlorobenzidine     | 5           | 10 U       | 10 U       | 10 U       | 10 U      |
| 3-Nitroaniline             | 5           | 20 U       | 20 U       | 20 U       | 20 U      |
| 4,6-Dinitro-2-methylphenol | NC          | 20 U       | 20 U       | 20 U       | 20 U      |
| 4-Bromophenyl-phenylether  | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| 4-Chloro-3-methylphenol    | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| 4-Chloroaniline            | 5           | 10 U       | 10 U       | 10 U       | 10 U      |
| 4-Chlorophenyl-phenylether | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| 4-Methylphenol             | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| 4-Nitroaniline             | 5           | 20 U       | 20 U       | 20 U       | 20 U      |
| 4-Nitrophenol              | NC          | 20 U       | 20 U       | 20 U       | 20 U      |
| Acenaphthene               | 20          | 10 U       | 10 U       | 10 U       | 10 U      |
| Acenaphthylene             | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| Anthracene                 | 50          | 10 U       | 10 U       | 10 U       | 10 U      |
| Benzo(a)anthracene         | 0.002       | 10 U       | 10 U       | 10 U       | 10 U      |
| Benzo(a)pyrene             | ND          | 10 U       | 10 U       | 10 U       | 10 U      |
| Benzo(b)fluoranthene       | 0.002       | 10 U       | 10 U       | 10 U       | 10 U      |
| Benzo(g,h,i)perylene       | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| Benzo(k)fluoranthene       | 0.002       | 10 U       | 10 U       | 10 U       | 10 U      |
| Bis(2-chloroethoxy)methane | 5           | 10 U       | 10 U       | 10 U       | 10 U      |
| Bis(2-chloroethyl)ether    | 1           | 10 U       | 10 U       | 10 U       | 10 U      |
| Bis(2-ethylhexyl)phthalate | 5           | 10 U       | 10 U       | 10 U       | 10 U      |
| Butylbenzylphthalate       | 50          | 10 U       | 10 U       | 10 U       | 10 U      |
| Carbazole                  | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| Chrysene                   | 0.002       | 10 U       | 10 U       | 10 U       | 10 U      |
| Di-n-butylphthalate        | 50          | 10 U       | 10 U       | 10 U       | 10 U      |
| Di-n-octylphthalate        | 50          | 10 U       | 10 U       | 10 U       | 10 U      |
| Dibenzo(a,h)anthracene     | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| Dibenzofuran               | NC          | 10 U       | 10 U       | 10 U       | 10 U      |
| Diethylphthalate           | 50          | 10 U       | 10 U       | 10 U       | 10 U      |
| Dimethylphthalate          | 50          | 10 U       | 10 U       | 10 U       | 10 U      |
| Fluoranthene               | 50          | 10 U       | 10 U       | 10 U       | 10 U      |
| Fluorene                   | 50          | 10 U       | 10 U       | 10 U       | 10 U      |
| Hexachlorobenzene          | 0.04        | 10 U       | 10 U       | 10 U       | 10 U      |
| Hexachlorobutadiene        | 0.5         | 10 U       | 10 U       | 10 U       | 10 U      |
| Hexachlorocyclopentadiene  | 5           | 10 U       | 10 U       | 10 U       | 10 U      |
| Hexachloroethane           | 5           | 10 U       | 10 U       | 10 U       | 10 U      |
| Indeno(1,2,3-cd)pyrene     | 0.002       | 10 U       | 10 U       | 10 U       | 10 U      |
| Isophorone                 | 50          | 10 U       | 10 U       | 10 U       | 10 U      |

**APPENDIX C TABLE 1**  
**SMS INSTRUMENTS SITE (#1-52-026)**  
**NOVEMBER 2008 GROUNDWATER SAMPLING EVENT**  
**VOLATILE ORGANIC COMPOUNDS, SEMIVOLATILE ORGANIC COMPOUNDS AND TAL METALS**

| Sample Location            | NYSDEC      | MW-16      | MW-16M     | MW-16D     | MW-17     |
|----------------------------|-------------|------------|------------|------------|-----------|
| Sample ID                  | Class GA    | SMS-MW-16S | SMS-MW-16M | SMS-MW-16D | SMS-MW-17 |
| Laboratory ID              | Groundwater | G2029-12C  | G2029-13C  | G2029-14C  | G2029-11C |
| Sample Data                | Criteria    | 11/6/08    | 11/6/08    | 11/6/08    | 11/6/08   |
| Matrix                     | water       | water      | water      | water      | water     |
| Units                      | µg/L        | µg/L       | µg/L       | µg/L       | µg/L      |
|                            |             | Conc. Q    | Conc. Q    | Conc. Q    | Conc. Q   |
| 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      |
| <b>TAL Metals</b>          |             |            |            |            |           |
| Aluminum                   | NC          | 73.2 B     | 91.6 B     | 104 B      | 57.7 B    |
| Antimony                   | 3           | 4.6 U      | 4.6 U      | 4.6 U      | 4.6 U     |
| Arsenic                    | 25          | 5.3 U      | 5.3 U      | 5.3 U      | 5.3 U     |
| Barium                     | 1,000       | 38.1 B     | 91.6 B     | 43.8 B     | 72.7 B    |
| Beryllium                  | 3           | 0.13 U     | 0.13 U     | 0.13 U     | 0.13 U    |
| Cadmium                    | 5           | 33.4       | 2.2 B      | 35.3       | 3.1 B     |
| Calcium                    | NC          | 25,300     | 17,600     | 18,500     | 12,600    |
| Chromium                   | 50          | 54.2       | 9.6 B      | 48.7       | 6.9 B     |
| Cobalt                     | NC          | 4 B        | 5.4 B      | 1.2 U      | 3.6 B     |
| Copper                     | 200         | 11.9 B     | 13.2 B     | 12.8 B     | 9.9 B     |
| Iron                       | 300         | 626        | 822        | 420        | 145 B     |
| Lead                       | 25          | 2.2 U      | 4.4 B      | 3.3 B      | 2.2 U     |
| Magnesium                  | 35,000      | 3,290      | 2,380      | 3,690      | 1,100     |
| Manganese                  | 300         | 394        | 125        | 53.2       | 1,940     |
| Mercury                    | 0.7         | 0.016 U    | 0.038 B    | 0.016 U    | 0.016 U   |
| Nickel                     | 100         | 65.3       | 31.7 B     | 9 B        | 7.1 B     |
| Potassium                  | NC          | 6,720      | 13,400     | 5,990      | 3,110     |
| Selenium                   | 10          | 6.6 U      | 6.6 U      | 6.6 U      | 6.6 U     |
| Silver                     | 50          | 0.59 U     | 0.59 U     | 1.6 B      | 0.73 B    |
| Sodium                     | 20,000      | 12,800     | 12,000     | 15,100     | 3,060     |
| Thallium                   | 0.5         | 4.2 U      | 4.2 U      | 4.2 U      | 4.2 U     |
| Vanadium                   | NC          | 1.7 B      | 0.96 U     | 0.96 U     | 3.4 B     |
| Zinc                       | 2,000       | 42.7 B     | 107        | 39.1 B     | 36.6 B    |

Notes:

U - Not detected

NC - No criterion

J - Estimated value (organics)

B - Estimated value (metals)



A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

November 25, 2008

Earth Tech – AECOM  
300 Broadacres Drive  
Bloomfield, NJ 07003  
Attn: Mr. Paul Kareth

RE: Client Project: SMS Instruments  
Lab Work Order #: G2029

Dear Mr. Kareth:

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

We appreciate your business.

Sincerely,

  
Shirley Ng  
Project Manager



**\* Data Summary Pack \***

# Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : G2029

| Customer<br>Sample ID | Laboratory<br>Sample ID | Analytical Requirements |                    |                 |          |       |
|-----------------------|-------------------------|-------------------------|--------------------|-----------------|----------|-------|
|                       |                         | MSVOA<br>Method #       | MSSEMI<br>Method # | GC*<br>Method # | ME       | Other |
| SMS-MW-8              | G2029-01                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-8              | G2029-01                |                         |                    |                 | SW7470   |       |
| SMS-MW-2              | G2029-02                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-2              | G2029-02                |                         |                    |                 | SW7470   |       |
| SMS-ME-3              | G2029-03                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-ME-3              | G2029-03                |                         |                    |                 | SW7470   |       |
| SMS-MW-4              | G2029-04                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-4              | G2029-04                |                         |                    |                 | SW7470   |       |
| SMS-MW-5              | G2029-05                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-5              | G2029-05                |                         |                    |                 | SW7470   |       |
| TB-1                  | G2029-06                | SW8260_W                |                    |                 |          |       |
| SMS-MW-6D             | G2029-07                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-6D             | G2029-07                |                         |                    |                 | SW7470   |       |
| SMS-MW-6S             | G2029-08                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-6S             | G2029-08                |                         |                    |                 | SW7470   |       |
| SMS-MW-7              | G2029-09                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-7              | G2029-09                |                         |                    |                 | SW7470   |       |
| SMS-MW-1              | G2029-10                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-1              | G2029-10                |                         |                    |                 | SW7470   |       |
| SMS-MW-17             | G2029-11                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-17             | G2029-11                |                         |                    |                 | SW7470   |       |
| SMS-MW-16S            | G2029-12                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-16S            | G2029-12                |                         |                    |                 | SW7470   |       |
| SMS-MW-16M            | G2029-13                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-16M            | G2029-13                |                         |                    |                 | SW7470   |       |
| SMS-MW-16D            | G2029-14                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-16D            | G2029-14                |                         |                    |                 | SW7470   |       |
| SMS-MW-15             | G2029-15                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-15             | G2029-15                |                         |                    |                 | SW7470   |       |
| SMS-MW-9              | G2029-16                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-9              | G2029-16                |                         |                    |                 | SW7470   |       |
| SMS-MW-66M            | G2029-17                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-66M            | G2029-17                |                         |                    |                 | SW7470   |       |
| TB-2                  | G2029-18                | SW8260_W                |                    |                 |          |       |
| SMS-MW-14             | G2029-19                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-14             | G2029-19                |                         |                    |                 | SW7470   |       |
| TB-3                  | G2029-20                | SW8260_W                |                    |                 |          |       |
| SMS-MW-13S            | G2029-21                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |

# Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : G2029

| Customer<br>Sample ID | Laboratory<br>Sample ID | Analytical Requirements |                    |                 |          |       |
|-----------------------|-------------------------|-------------------------|--------------------|-----------------|----------|-------|
|                       |                         | MSVOA<br>Method #       | MSSEMI<br>Method # | GC*<br>Method # | ME       | Other |
| SMS-MW-13S            | G2029-21                |                         |                    |                 | SW7470   |       |
| SMS-MW-13D            | G2029-22                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-13D            | G2029-22                |                         |                    |                 | SW7470   |       |
| SMS-MW-12             | G2029-23                | SW8260_W                | SW8270_W           |                 | SW6010_W |       |
| SMS-MW-12             | G2029-23                |                         |                    |                 | SW7470   |       |

# Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : G2029

| Laboratory<br>Sample ID | Matrix | Date<br>Collected | Date Received<br>By Lab | Date<br>Extracted | Date<br>Analyzed |
|-------------------------|--------|-------------------|-------------------------|-------------------|------------------|
| SW8260_W                |        |                   |                         |                   |                  |
| G2029-01A               | AQ     | 11/4/2008         | 11/6/2008               | NA                | 11/12/2008       |
| G2029-02A               | AQ     | 11/4/2008         | 11/6/2008               | NA                | 11/12/2008       |
| G2029-03A               | AQ     | 11/4/2008         | 11/6/2008               | NA                | 11/12/2008       |
| G2029-04A               | AQ     | 11/4/2008         | 11/6/2008               | NA                | 11/12/2008       |
| G2029-05A               | AQ     | 11/4/2008         | 11/6/2008               | NA                | 11/12/2008       |
| G2029-06A               | AQ     | 11/4/2008         | 11/6/2008               | NA                | 11/10/2008       |
| G2029-07A               | AQ     | 11/5/2008         | 11/6/2008               | NA                | 11/12/2008       |
| G2029-08A               | AQ     | 11/5/2008         | 11/6/2008               | NA                | 11/12/2008       |
| G2029-09A               | AQ     | 11/5/2008         | 11/6/2008               | NA                | 11/12/2008       |
| G2029-10A               | AQ     | 11/5/2008         | 11/6/2008               | NA                | 11/12/2008       |
| G2029-11A               | AQ     | 11/6/2008         | 11/7/2008               | NA                | 11/12/2008       |
| G2029-12A               | AQ     | 11/6/2008         | 11/7/2008               | NA                | 11/12/2008       |
| G2029-13A               | AQ     | 11/6/2008         | 11/7/2008               | NA                | 11/15/2008       |
| G2029-14A               | AQ     | 11/6/2008         | 11/7/2008               | NA                | 11/15/2008       |
| G2029-15A               | AQ     | 11/6/2008         | 11/7/2008               | NA                | 11/15/2008       |
| G2029-16A               | AQ     | 11/6/2008         | 11/7/2008               | NA                | 11/15/2008       |
| G2029-17A               | AQ     | 11/6/2008         | 11/7/2008               | NA                | 11/15/2008       |
| G2029-18A               | AQ     | 11/6/2008         | 11/7/2008               | NA                | 11/15/2008       |
| G2029-19A               | AQ     | 11/7/2008         | 11/8/2008               | NA                | 11/15/2008       |
| G2029-20A               | AQ     | 11/7/2008         | 11/8/2008               | NA                | 11/15/2008       |
| G2029-21A               | AQ     | 11/7/2008         | 11/8/2008               | NA                | 11/15/2008       |
| G2029-22A               | AQ     | 11/7/2008         | 11/8/2008               | NA                | 11/15/2008       |
| G2029-23A               | AQ     | 11/7/2008         | 11/8/2008               | NA                | 11/15/2008       |

# Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : G2029

| Laboratory<br>Sample ID | Matrix | Date<br>Collected | Date Received<br>By Lab | Date<br>Extracted | Date<br>Analyzed |
|-------------------------|--------|-------------------|-------------------------|-------------------|------------------|
| SW8270_W                |        |                   |                         |                   |                  |
| G2029-01B               | AQ     | 11/4/2008         | 11/6/2008               | 11/7/2008         | 11/14/2008       |
| G2029-02B               | AQ     | 11/4/2008         | 11/6/2008               | 11/7/2008         | 11/14/2008       |
| G2029-03B               | AQ     | 11/4/2008         | 11/6/2008               | 11/7/2008         | 11/14/2008       |
| G2029-04B               | AQ     | 11/4/2008         | 11/6/2008               | 11/7/2008         | 11/15/2008       |
| G2029-05B               | AQ     | 11/4/2008         | 11/6/2008               | 11/7/2008         | 11/15/2008       |
| G2029-07B               | AQ     | 11/5/2008         | 11/6/2008               | 11/7/2008         | 11/14/2008       |
| G2029-08B               | AQ     | 11/5/2008         | 11/6/2008               | 11/7/2008         | 11/14/2008       |
| G2029-08BRA             | AQ     | 11/5/2008         | 11/6/2008               | 11/7/2008         | 11/16/2008       |
| G2029-09B               | AQ     | 11/5/2008         | 11/6/2008               | 11/7/2008         | 11/15/2008       |
| G2029-10B               | AQ     | 11/5/2008         | 11/6/2008               | 11/7/2008         | 11/15/2008       |
| G2029-11B               | AQ     | 11/6/2008         | 11/7/2008               | 11/11/2008        | 11/14/2008       |
| G2029-12B               | AQ     | 11/6/2008         | 11/7/2008               | 11/11/2008        | 11/14/2008       |
| G2029-13B               | AQ     | 11/6/2008         | 11/7/2008               | 11/11/2008        | 11/14/2008       |
| G2029-14B               | AQ     | 11/6/2008         | 11/7/2008               | 11/11/2008        | 11/14/2008       |
| G2029-15B               | AQ     | 11/6/2008         | 11/7/2008               | 11/11/2008        | 11/15/2008       |
| G2029-16B               | AQ     | 11/6/2008         | 11/7/2008               | 11/11/2008        | 11/14/2008       |
| G2029-17B               | AQ     | 11/6/2008         | 11/7/2008               | 11/11/2008        | 11/14/2008       |
| G2029-19B               | AQ     | 11/7/2008         | 11/8/2008               | 11/11/2008        | 11/14/2008       |
| G2029-21B               | AQ     | 11/7/2008         | 11/8/2008               | 11/11/2008        | 11/14/2008       |
| G2029-22B               | AQ     | 11/7/2008         | 11/8/2008               | 11/11/2008        | 11/14/2008       |
| G2029-22BRA             | AQ     | 11/7/2008         | 11/8/2008               | 11/11/2008        | 11/15/2008       |
| G2029-23B               | AQ     | 11/7/2008         | 11/8/2008               | 11/11/2008        | 11/14/2008       |

# Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : G2029

| Laboratory<br>Sample ID | Matrix | Analytical<br>Protocol | Extraction<br>Method | Low/Medium<br>Level | Dil/Conc<br>Factor |
|-------------------------|--------|------------------------|----------------------|---------------------|--------------------|
| SW8260_W                |        |                        |                      |                     |                    |
| G2029-01A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-02A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-03A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-04A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-05A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-06A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-07A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-08A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-09A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-10A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-11A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-12A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-13A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-14A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-15A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-16A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-17A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-18A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-19A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-20A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-21A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-22A               | AQ     | SW8260_W               | NA                   | LOW                 | 1                  |
| G2029-23A               | 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 : G2029

| Laboratory<br>Sample ID | Matrix | Analytical<br>Protocol | Extraction<br>Method | Auxiliary<br>Cleanup | Dil/Conc<br>Factor |
|-------------------------|--------|------------------------|----------------------|----------------------|--------------------|
| SW8270_W                |        |                        |                      |                      |                    |
| G2029-01B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-02B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-03B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-04B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-05B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-07B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-08B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-08BRA             | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-09B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-10B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-11B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-12B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-13B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-14B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-15B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-16B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-17B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-19B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-21B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-22B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-22BRA             | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |
| G2029-23B               | AQ     | SW8270_W               | BNA_W_PR             | NA                   | 1                  |

# Mitkem Laboratories

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

Project Name : SMS Instruments, 152026

SDG : G2029

| Laboratory<br>Sample ID | Matrix | Metals<br>Requested | Date Received<br>By Lab | Date<br>Analyzed |
|-------------------------|--------|---------------------|-------------------------|------------------|
| SW6010_W                |        |                     |                         |                  |
| G2029-01C               | AQ     | SW6010_W            | 11/6/2008               | 11/18/2008       |
| G2029-02C               | AQ     | SW6010_W            | 11/6/2008               | 11/18/2008       |
| G2029-03C               | AQ     | SW6010_W            | 11/6/2008               | 11/18/2008       |
| G2029-04C               | AQ     | SW6010_W            | 11/6/2008               | 11/18/2008       |
| G2029-05C               | AQ     | SW6010_W            | 11/6/2008               | 11/18/2008       |
| G2029-07C               | AQ     | SW6010_W            | 11/6/2008               | 11/18/2008       |
| G2029-08C               | AQ     | SW6010_W            | 11/6/2008               | 11/18/2008       |
| G2029-09C               | AQ     | SW6010_W            | 11/6/2008               | 11/18/2008       |
| G2029-10C               | AQ     | SW6010_W            | 11/6/2008               | 11/18/2008       |
| G2029-11C               | AQ     | SW6010_W            | 11/7/2008               | 11/18/2008       |
| G2029-12C               | AQ     | SW6010_W            | 11/7/2008               | 11/18/2008       |
| G2029-13C               | AQ     | SW6010_W            | 11/7/2008               | 11/18/2008       |
| G2029-14C               | AQ     | SW6010_W            | 11/7/2008               | 11/18/2008       |
| G2029-15C               | AQ     | SW6010_W            | 11/7/2008               | 11/18/2008       |
| G2029-15CDUP            | AQ     | SW6010_W            | 11/7/2008               | 11/18/2008       |
| G2029-15CMS             | AQ     | SW6010_W            | 11/7/2008               | 11/18/2008       |
| G2029-16C               | AQ     | SW6010_W            | 11/7/2008               | 11/18/2008       |
| G2029-17C               | AQ     | SW6010_W            | 11/7/2008               | 11/18/2008       |
| G2029-19C               | AQ     | SW6010_W            | 11/8/2008               | 11/18/2008       |
| G2029-21C               | AQ     | SW6010_W            | 11/8/2008               | 11/18/2008       |
| G2029-22C               | AQ     | SW6010_W            | 11/8/2008               | 11/18/2008       |
| G2029-23C               | AQ     | SW6010_W            | 11/8/2008               | 11/18/2008       |
| SW7470                  |        |                     |                         |                  |
| G2029-01C               | AQ     | SW7470              | 11/6/2008               | 11/17/2008       |
| G2029-02C               | AQ     | SW7470              | 11/6/2008               | 11/17/2008       |
| G2029-03C               | AQ     | SW7470              | 11/6/2008               | 11/17/2008       |
| G2029-04C               | AQ     | SW7470              | 11/6/2008               | 11/17/2008       |
| G2029-05C               | AQ     | SW7470              | 11/6/2008               | 11/17/2008       |
| G2029-07C               | AQ     | SW7470              | 11/6/2008               | 11/17/2008       |
| G2029-08C               | AQ     | SW7470              | 11/6/2008               | 11/17/2008       |
| G2029-09C               | AQ     | SW7470              | 11/6/2008               | 11/17/2008       |
| G2029-10C               | AQ     | SW7470              | 11/6/2008               | 11/17/2008       |
| G2029-11C               | AQ     | SW7470              | 11/7/2008               | 11/17/2008       |
| G2029-12C               | AQ     | SW7470              | 11/7/2008               | 11/17/2008       |
| G2029-13C               | AQ     | SW7470              | 11/7/2008               | 11/17/2008       |
| G2029-14C               | AQ     | SW7470              | 11/7/2008               | 11/17/2008       |
| G2029-15C               | AQ     | SW7470              | 11/7/2008               | 11/17/2008       |
| G2029-15CDUP            | AQ     | SW7470              | 11/7/2008               | 11/17/2008       |
| G2029-15CMS             | AQ     | SW7470              | 11/7/2008               | 11/17/2008       |
| G2029-16C               | AQ     | SW7470              | 11/7/2008               | 11/17/2008       |
| G2029-17C               | AQ     | SW7470              | 11/7/2008               | 11/17/2008       |
| G2029-19C               | AQ     | SW7470              | 11/8/2008               | 11/17/2008       |
| G2029-21C               | AQ     | SW7470              | 11/8/2008               | 11/17/2008       |
| G2029-22C               | AQ     | SW7470              | 11/8/2008               | 11/17/2008       |
| G2029-23C               | AQ     | SW7470              | 11/8/2008               | 11/17/2008       |

Analytical Data Package for Earth Tech Northeast, Inc.

Client Project: SMS Instruments

SDG# MG2029

Mitkem Work Order ID: G2029

November 25, 2008

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 twenty three aqueous samples that were received between October 4, 2008 to October 8, 2008. Analyses were performed per specifications in the project's contract, chain of custody forms and discussion with client. Following the narrative is the Mitkem Work Order for cross-referencing sample client ID with laboratory sample ID.

The analyses were performed according to NYSDEC ASP protocols (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 with the exception of toluene-d8 in sample SMS-MW-8 and SMS-MW-2.

Lab control sample: spike recoveries were within the QC limits with the exception of 2-hexanone in V1FLCS. Replicate RPDs were within the QC limits.

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

### 3. Semivolatile Analysis:

Surrogate recovery: recoveries were within the QC limits with the exception of nitrobenzene-d5 and phenol-d5 in sample SMS-MW-13D. This sample was re-analyzed which the recovery of phenol-d5 was still recovered low. The recovery of 2-fluorobiphenyl in sample SMS-MW-15 was outside the QC limits.

Lab control sample: spike recoveries were within the QC limits with the exception of 2,4-dimethylphenol in S1JLCS and carbazole in S1JLCSD. Replicate RPDs were within the QC limits with the exception of thirteen RPDs.

Sample analysis: samples SMS-MW-13D and SMS-MW-6S were recovered low in internal standard perylene-d12. These two samples were re-analyzed with similar finding. No other unusual observation was made for the analysis.

### 4. Metals analysis:

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

Matrix spike analysis: matrix spike was performed on sample SMS-MW-15. Spike recoveries were within the QC limits.

Duplicate analysis: duplicate analysis was performed on sample SMS-MW-15. Percent recoveries were within the QC limits.

Sample analysis: serial dilution was performed on sample SMS-MW-15. Percent differences were within the QC limits. No unusual occurrences were noted during sample analysis.

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

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

  
Shirley Ng  
Project Manager  
11/25/08

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-01A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1369.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

| CAS NO.    | COMPOUND                  | CONCENTRATION UNITS:<br>(ug/L or ug/Kg) | UG/L | Q |
|------------|---------------------------|-----------------------------------------|------|---|
| 75-71-8    | Dichlorodifluoromethane   | 5.0                                     | U    |   |
| 74-87-3    | Chloromethane             | 3.5                                     | 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                   | 5.8                                     |      |   |
| 74-88-4    | Iodomethane               | 5.0                                     | U    |   |
| 75-15-0    | Carbon disulfide          | 5.0                                     | U    |   |
| 75-09-2    | Methylene chloride        | 5.0                                     | U    |   |
| 156-60-5   | trans-1,2-Dichloroethene  | 5.0                                     | U    |   |
| 1634-04-4  | Methyl tert-butyl ether   | 5.0                                     | U    |   |
| 75-34-3    | 1,1-Dichloroethane        | 5.0                                     | U    |   |
| 108-05-4   | Vinyl acetate             | 5.0                                     | U    |   |
| 78-93-3    | 2-Butanone                | 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    |   |

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0005

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-01A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1369.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

| CAS NO.   | COMPOUND                    | CONCENTRATION UNITS:<br>(ug/L or ug/Kg) | UG/L | Q |
|-----------|-----------------------------|-----------------------------------------|------|---|
| 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 |

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0006

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.  
SMS-MW-8

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-01A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1369.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| CAS NUMBER           | COMPOUND NAME | RT  | EST. CONC. | Q |
|----------------------|---------------|-----|------------|---|
| E966796 <sup>1</sup> | Total Alkanes | N/A |            |   |

<sup>1</sup>EPA-designated Registry Number.

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0007

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-02A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1370.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0008

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-02A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1370.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0009

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SMS-MW-2

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-02A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1370.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| CAS NUMBER           | COMPOUND NAME | RT  | EST. CONC. | Q |
|----------------------|---------------|-----|------------|---|
| E966796 <sup>1</sup> | Total Alkanes | N/A |            |   |

<sup>1</sup>EPA-designated Registry Number.

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-03A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1371.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0011

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-03A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1371.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0012

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.  
SMS-MW-3

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-03A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1371.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| CAS NUMBER           | COMPOUND NAME | RT  | EST. CONC. | Q |
|----------------------|---------------|-----|------------|---|
| E966796 <sup>1</sup> | Total Alkanes | N/A |            |   |

<sup>1</sup>EPA-designated Registry Number.

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-04A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1372.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

| CAS NO.    | COMPOUND                  | CONCENTRATION UNITS:<br>(ug/L or ug/Kg) | UG/L | Q |
|------------|---------------------------|-----------------------------------------|------|---|
| 75-71-8    | Dichlorodifluoromethane   | 5.0                                     | U    |   |
| 74-87-3    | Chloromethane             | 5.0                                     | U    |   |
| 75-01-4    | Vinyl chloride            | 5.0                                     | U    |   |
| 74-83-9    | Bromomethane              | 5.0                                     | U    |   |
| 75-00-3    | Chloroethane              | 5.0                                     | U    |   |
| 75-69-4    | Trichlorofluoromethane    | 5.0                                     | U    |   |
| 75-35-4    | 1,1-Dichloroethene        | 5.0                                     | U    |   |
| 67-64-1    | Acetone                   | 5.0                                     | U    |   |
| 74-88-4    | Iodomethane               | 5.0                                     | U    |   |
| 75-15-0    | Carbon disulfide          | 5.0                                     | U    |   |
| 75-09-2    | Methylene chloride        | 5.0                                     | U    |   |
| 156-60-5   | trans-1,2-Dichloroethene  | 5.0                                     | U    |   |
| 1634-04-4  | Methyl tert-butyl ether   | 5.0                                     | U    |   |
| 75-34-3    | 1,1-Dichloroethane        | 5.0                                     | U    |   |
| 108-05-4   | Vinyl acetate             | 5.0                                     | U    |   |
| 78-93-3    | 2-Butanone                | 5.0                                     | U    |   |
| 156-59-2   | cis-1,2-Dichloroethene    | 5.0                                     | U    |   |
| 594-20-7   | 2,2-Dichloropropane       | 5.0                                     | U    |   |
| 74-97-5    | Bromochloromethane        | 5.0                                     | U    |   |
| 67-66-3    | Chloroform                | 5.0                                     | U    |   |
| 71-55-6    | 1,1,1-Trichloroethane     | 5.0                                     | U    |   |
| 563-58-6   | 1,1-Dichloropropene       | 5.0                                     | U    |   |
| 56-23-5    | Carbon tetrachloride      | 5.0                                     | U    |   |
| 107-06-2   | 1,2-Dichloroethane        | 5.0                                     | U    |   |
| 71-43-2    | Benzene                   | 5.0                                     | U    |   |
| 79-01-6    | Trichloroethene           | 1.4                                     | J    |   |
| 78-87-5    | 1,2-Dichloropropane       | 5.0                                     | U    |   |
| 74-95-3    | Dibromomethane            | 5.0                                     | U    |   |
| 75-27-4    | Bromodichloromethane      | 5.0                                     | U    |   |
| 10061-01-5 | cis-1,3-Dichloropropene   | 5.0                                     | U    |   |
| 108-10-1   | 4-Methyl-2-pentanone      | 5.0                                     | U    |   |
| 108-88-3   | Toluene                   | 5.0                                     | U    |   |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0                                     | U    |   |
| 79-00-5    | 1,1,2-Trichloroethane     | 5.0                                     | U    |   |
| 142-28-9   | 1,3-Dichloropropane       | 5.0                                     | U    |   |

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0014

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-04A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1372.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0015

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.  
SMS-MW-4

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-04A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1372.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| CAS NUMBER           | COMPOUND NAME | RT  | EST. CONC. | Q |
|----------------------|---------------|-----|------------|---|
| E966796 <sup>1</sup> | Total Alkanes | N/A |            |   |

<sup>1</sup>EPA-designated Registry Number.

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0016

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-05A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1373.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0017

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-05A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1373.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0018

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SMS-MW-5

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-05A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1373.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| CAS NUMBER           | COMPOUND NAME | RT  | EST. CONC. | Q |
|----------------------|---------------|-----|------------|---|
| E966796 <sup>1</sup> | Total Alkanes | N/A |            |   |

<sup>1</sup>EPA-designated Registry Number.

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0019

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-06A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1322.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/10/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0020

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-06A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1322.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/10/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0021

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-1

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-06A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1322.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/10/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| CAS NUMBER           | COMPOUND NAME | RT  | EST. CONC. | Q |
|----------------------|---------------|-----|------------|---|
| E966796 <sup>1</sup> | Total Alkanes | N/A |            |   |

<sup>1</sup>EPA-designated Registry Number.

SW846

0022

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-07A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1374.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0023

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-07A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1374.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0024

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.  
SMS-MW-6D

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-07A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1374.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| CAS NUMBER           | COMPOUND NAME | RT  | EST. CONC. | Q |
|----------------------|---------------|-----|------------|---|
| E966796 <sup>1</sup> | Total Alkanes | N/A |            |   |

<sup>1</sup>EPA-designated Registry Number.

SW846

0025

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

CLIENT SAMPLE NO.  
SMS-MW-6S

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-08A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1375.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0026

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

CLIENT SAMPLE NO.  
SMS-MW-6S

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-08A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1375.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

| CAS NO.   | COMPOUND                    | CONCENTRATION UNITS:<br>(ug/L or ug/Kg) | UG/L | Q |
|-----------|-----------------------------|-----------------------------------------|------|---|
| 127-18-4  | Tetrachloroethene           | 5.0                                     | U    |   |
| 591-78-6  | 2-Hexanone                  | 5.0                                     | U    |   |
| 124-48-1  | Dibromochloromethane        | 5.0                                     | U    |   |
| 106-93-4  | 1,2-Dibromoethane           | 5.0                                     | U    |   |
| 108-90-7  | Chlorobenzene               | 1.1                                     | J    |   |
| 630-20-6  | 1,1,1,2-Tetrachloroethane   | 5.0                                     | U    |   |
| 100-41-4  | Ethylbenzene                | 1.2                                     | J    |   |
| 1330-20-7 | m,p-Xylene                  | 4.1                                     | J    |   |
| 95-47-6   | o-Xylene                    | 5.0                                     | U    |   |
| 1330-20-7 | Xylene (Total)              | 4.1                                     | J    |   |
| 100-42-5  | Styrene                     | 5.0                                     | U    |   |
| 75-25-2   | Bromoform                   | 5.0                                     | U    |   |
| 98-82-8   | Isopropylbenzene            | 1.6                                     | J    |   |
| 79-34-5   | 1,1,2,2-Tetrachloroethane   | 5.0                                     | U    |   |
| 108-86-1  | Bromobenzene                | 5.0                                     | U    |   |
| 96-18-4   | 1,2,3-Trichloropropane      | 5.0                                     | U    |   |
| 103-65-1  | n-Propylbenzene             | 2.0                                     | J    |   |
| 95-49-8   | 2-Chlorotoluene             | 5.0                                     | U    |   |
| 108-67-8  | 1,3,5-Trimethylbenzene      | 11                                      |      |   |
| 106-43-4  | 4-Chlorotoluene             | 5.0                                     | U    |   |
| 98-06-6   | tert-Butylbenzene           | 5.0                                     | U    |   |
| 95-63-6   | 1,2,4-Trimethylbenzene      | 21                                      |      |   |
| 135-98-8  | sec-Butylbenzene            | 5.0                                     | U    |   |
| 99-87-6   | 4-Isopropyltoluene          | 5.0                                     | U    |   |
| 541-73-1  | 1,3-Dichlorobenzene         | 1.7                                     | J    |   |
| 106-46-7  | 1,4-Dichlorobenzene         | 3.2                                     | 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    |   |

SW846

0027

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.  
SMS-MW-6S

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-08A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1375.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

|    | CAS NUMBER           | COMPOUND NAME              | RT     | EST. CONC. | Q  |
|----|----------------------|----------------------------|--------|------------|----|
| 01 | 620-14-4             | Benzene, 1-ethyl-3-methyl- | 11.462 | 0          | NJ |
|    | E966796 <sup>1</sup> | Total Alkanes              | N/A    |            |    |

<sup>1</sup>EPA-designated Registry Number.

SW846

0028

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-09A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1376.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

| CAS NO.    | COMPOUND                  | CONCENTRATION UNITS:<br>(ug/L or ug/Kg) | UG/L | Q |
|------------|---------------------------|-----------------------------------------|------|---|
| 75-71-8    | Dichlorodifluoromethane   | 5.0                                     | U    |   |
| 74-87-3    | Chloromethane             | 5.0                                     | U    |   |
| 75-01-4    | Vinyl chloride            | 5.0                                     | U    |   |
| 74-83-9    | Bromomethane              | 5.0                                     | U    |   |
| 75-00-3    | Chloroethane              | 5.0                                     | U    |   |
| 75-69-4    | Trichlorofluoromethane    | 5.0                                     | U    |   |
| 75-35-4    | 1,1-Dichloroethene        | 5.0                                     | U    |   |
| 67-64-1    | Acetone                   | 5.0                                     | U    |   |
| 74-88-4    | Iodomethane               | 5.0                                     | U    |   |
| 75-15-0    | Carbon disulfide          | 5.0                                     | U    |   |
| 75-09-2    | Methylene chloride        | 5.0                                     | U    |   |
| 156-60-5   | trans-1,2-Dichloroethene  | 5.0                                     | U    |   |
| 1634-04-4  | Methyl tert-butyl ether   | 5.0                                     | U    |   |
| 75-34-3    | 1,1-Dichloroethane        | 2.3                                     | J    |   |
| 108-05-4   | Vinyl acetate             | 5.0                                     | U    |   |
| 78-93-3    | 2-Butanone                | 5.0                                     | U    |   |
| 156-59-2   | cis-1,2-Dichloroethene    | 5.0                                     | U    |   |
| 594-20-7   | 2,2-Dichloropropane       | 5.0                                     | U    |   |
| 74-97-5    | Bromochloromethane        | 5.0                                     | U    |   |
| 67-66-3    | Chloroform                | 5.0                                     | U    |   |
| 71-55-6    | 1,1,1-Trichloroethane     | 5.0                                     | U    |   |
| 563-58-6   | 1,1-Dichloropropene       | 5.0                                     | U    |   |
| 56-23-5    | Carbon tetrachloride      | 5.0                                     | U    |   |
| 107-06-2   | 1,2-Dichloroethane        | 5.0                                     | U    |   |
| 71-43-2    | Benzene                   | 5.0                                     | U    |   |
| 79-01-6    | Trichloroethene           | 5.0                                     | U    |   |
| 78-87-5    | 1,2-Dichloropropane       | 5.0                                     | U    |   |
| 74-95-3    | Dibromomethane            | 5.0                                     | U    |   |
| 75-27-4    | Bromodichloromethane      | 5.0                                     | U    |   |
| 10061-01-5 | cis-1,3-Dichloropropene   | 5.0                                     | U    |   |
| 108-10-1   | 4-Methyl-2-pentanone      | 5.0                                     | U    |   |
| 108-88-3   | Toluene                   | 5.0                                     | U    |   |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0                                     | U    |   |
| 79-00-5    | 1,1,2-Trichloroethane     | 5.0                                     | U    |   |
| 142-28-9   | 1,3-Dichloropropane       | 5.0                                     | U    |   |

SW846

0029

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-09A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1376.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0030

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SMS-MW-7

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-09A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1376.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| CAS NUMBER           | COMPOUND NAME | RT  | EST. CONC. | Q |
|----------------------|---------------|-----|------------|---|
| E966796 <sup>1</sup> | Total Alkanes | N/A |            |   |

<sup>1</sup>EPA-designated Registry Number.

SW846

0031

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-10A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1377.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0032

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-10A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1377.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0033

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SMS-MW-1

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-10A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1377.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/06/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| CAS NUMBER           | COMPOUND NAME | RT  | EST. CONC. | Q |
|----------------------|---------------|-----|------------|---|
| E966796 <sup>1</sup> | Total Alkanes | N/A |            |   |

<sup>1</sup>EPA-designated Registry Number.

SW846

0034

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-11A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1378.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0035

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-11A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1378.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0036

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.  
SMS-MW-17

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-11A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1378.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| CAS NUMBER           | COMPOUND NAME | RT  | EST. CONC. | Q |
|----------------------|---------------|-----|------------|---|
| E966796 <sup>1</sup> | Total Alkanes | N/A |            |   |

<sup>1</sup>EPA-designated Registry Number.

SW846

0037

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-12A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1379.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0038

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-12A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1379.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0039

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.  
SMS-MW-16S

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-12A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1379.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/12/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| CAS NUMBER           | COMPOUND NAME | RT  | EST. CONC. | Q |
|----------------------|---------------|-----|------------|---|
| E966796 <sup>1</sup> | Total Alkanes | N/A |            |   |

<sup>1</sup>EPA-designated Registry Number.

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-13A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1515.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0041

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-13A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1515.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0042

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SMS-MW-16M

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-13A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1515.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| 01 | CAS NUMBER           | COMPOUND NAME | RT     | EST. CONC. | Q |
|----|----------------------|---------------|--------|------------|---|
|    |                      | Unknown-01    | 12.757 | 36         | J |
|    | E966796 <sup>1</sup> | Total Alkanes | N/A    |            |   |

<sup>1</sup>EPA-designated Registry Number.

SW846

0043

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-14A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1510.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0044

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-14A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1510.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0045

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SMS-MW-16D

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-14A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1510.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| 01 | CAS NUMBER           | COMPOUND NAME | RT     | EST. CONC. | Q |
|----|----------------------|---------------|--------|------------|---|
|    | E966796 <sup>1</sup> | Total Alkanes | N/A    |            |   |
|    |                      | Unknown-01    | 12.757 | 29         | J |

<sup>1</sup>EPA-designated Registry Number.

SW846

0046

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-15A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1511.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0047

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-15A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1511.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0048

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SMS-MW-15

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-15A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1511.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| 01 | CAS NUMBER           | COMPOUND NAME | RT     | EST. CONC. | Q |
|----|----------------------|---------------|--------|------------|---|
|    | E966796 <sup>1</sup> | Total Alkanes | N/A    |            |   |
|    |                      | Unknown-01    | 12.763 | 33         | J |

<sup>1</sup>EPA-designated Registry Number.

SW846

0049

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-16A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1512.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0050

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-16A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1512.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0051

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SMS-MW-9

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-16A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1512.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| 01 | CAS NUMBER           | COMPOUND NAME | RT     | EST. CONC. | Q |
|----|----------------------|---------------|--------|------------|---|
|    |                      | Unknown-01    | 12.757 | 28         | J |
|    | E966796 <sup>1</sup> | Total Alkanes | N/A    |            |   |

<sup>1</sup>EPA-designated Registry Number.

SW846

0052

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

CLIENT SAMPLE NO.  
SMS-MW-66M

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-17A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1513.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

| CAS NO.    | COMPOUND                  | CONCENTRATION UNITS:<br>(ug/L or ug/Kg) | UG/L | Q |
|------------|---------------------------|-----------------------------------------|------|---|
| 75-71-8    | Dichlorodifluoromethane   |                                         | 5.0  | U |
| 74-87-3    | Chloromethane             |                                         | 5.0  | U |
| 75-01-4    | Vinyl chloride            |                                         | 5.0  | U |
| 74-83-9    | Bromomethane              |                                         | 5.0  | U |
| 75-00-3    | Chloroethane              |                                         | 5.0  | U |
| 75-69-4    | Trichlorofluoromethane    |                                         | 5.0  | U |
| 75-35-4    | 1,1-Dichloroethene        |                                         | 5.0  | U |
| 67-64-1    | Acetone                   |                                         | 5.0  | U |
| 74-88-4    | Iodomethane               |                                         | 5.0  | U |
| 75-15-0    | Carbon disulfide          |                                         | 5.0  | U |
| 75-09-2    | Methylene chloride        |                                         | 5.0  | U |
| 156-60-5   | trans-1,2-Dichloroethene  |                                         | 5.0  | U |
| 1634-04-4  | Methyl tert-butyl ether   |                                         | 5.0  | U |
| 75-34-3    | 1,1-Dichloroethane        |                                         | 5.0  | U |
| 108-05-4   | Vinyl acetate             |                                         | 5.0  | U |
| 78-93-3    | 2-Butanone                |                                         | 5.0  | U |
| 156-59-2   | cis-1,2-Dichloroethene    |                                         | 5.0  | U |
| 594-20-7   | 2,2-Dichloropropane       |                                         | 5.0  | U |
| 74-97-5    | Bromochloromethane        |                                         | 5.0  | U |
| 67-66-3    | Chloroform                |                                         | 1.4  | J |
| 71-55-6    | 1,1,1-Trichloroethane     |                                         | 5.0  | U |
| 563-58-6   | 1,1-Dichloropropene       |                                         | 5.0  | U |
| 56-23-5    | Carbon tetrachloride      |                                         | 5.0  | U |
| 107-06-2   | 1,2-Dichloroethane        |                                         | 5.0  | U |
| 71-43-2    | Benzene                   |                                         | 5.0  | U |
| 79-01-6    | Trichloroethene           |                                         | 5.0  | U |
| 78-87-5    | 1,2-Dichloropropane       |                                         | 5.0  | U |
| 74-95-3    | Dibromomethane            |                                         | 5.0  | U |
| 75-27-4    | Bromodichloromethane      |                                         | 5.0  | U |
| 10061-01-5 | cis-1,3-Dichloropropene   |                                         | 5.0  | U |
| 108-10-1   | 4-Methyl-2-pentanone      |                                         | 5.0  | U |
| 108-88-3   | Toluene                   |                                         | 5.0  | U |
| 10061-02-6 | trans-1,3-Dichloropropene |                                         | 5.0  | U |
| 79-00-5    | 1,1,2-Trichloroethane     |                                         | 5.0  | U |
| 142-28-9   | 1,3-Dichloropropane       |                                         | 5.0  | U |

SW846

0053

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

CLIENT SAMPLE NO.  
SMS-MW-66M

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-17A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1513.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0054

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SMS-MW-66M

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-17A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1513.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

|    | CAS NUMBER           | COMPOUND NAME | RT     | EST. CONC. | Q |
|----|----------------------|---------------|--------|------------|---|
| 01 |                      | Unknown-01    | 12.756 | 34         | J |
|    | E966796 <sup>1</sup> | Total Alkanes | N/A    |            |   |

<sup>1</sup>EPA-designated Registry Number.

SW846

0055

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

CLIENT SAMPLE NO.  
TB-2

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-18A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1508.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0056

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

CLIENT SAMPLE NO.  
TB-2

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-18A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1508.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

| CAS NO.   | COMPOUND                    | CONCENTRATION UNITS:<br>(ug/L or ug/Kg) | UG/L | Q  |
|-----------|-----------------------------|-----------------------------------------|------|----|
| 127-18-4  | Tetrachloroethene           |                                         | 5.0  | U  |
| 591-78-6  | 2-Hexanone                  |                                         | 5.0  | U  |
| 124-48-1  | Dibromochloromethane        |                                         | 5.0  | U  |
| 106-93-4  | 1,2-Dibromoethane           |                                         | 5.0  | U  |
| 108-90-7  | Chlorobenzene               |                                         | 5.0  | U  |
| 630-20-6  | 1,1,1,2-Tetrachloroethane   |                                         | 5.0  | U  |
| 100-41-4  | Ethylbenzene                |                                         | 5.0  | U  |
| 1330-20-7 | m,p-Xylene                  |                                         | 5.0  | U  |
| 95-47-6   | o-Xylene                    |                                         | 5.0  | U  |
| 1330-20-7 | Xylene (Total)              |                                         | 5.0  | U  |
| 100-42-5  | Styrene                     |                                         | 5.0  | U  |
| 75-25-2   | Bromoform                   |                                         | 5.0  | U  |
| 98-82-8   | Isopropylbenzene            |                                         | 5.0  | U  |
| 79-34-5   | 1,1,2,2-Tetrachloroethane   |                                         | 5.0  | U  |
| 108-86-1  | Bromobenzene                |                                         | 5.0  | U  |
| 96-18-4   | 1,2,3-Trichloropropane      |                                         | 5.0  | U  |
| 103-65-1  | n-Propylbenzene             |                                         | 5.0  | U  |
| 95-49-8   | 2-Chlorotoluene             |                                         | 5.0  | U  |
| 108-67-8  | 1,3,5-Trimethylbenzene      |                                         | 5.0  | U  |
| 106-43-4  | 4-Chlorotoluene             |                                         | 5.0  | U  |
| 98-06-6   | tert-Butylbenzene           |                                         | 5.0  | U  |
| 95-63-6   | 1,2,4-Trimethylbenzene      |                                         | 5.0  | U  |
| 135-98-8  | sec-Butylbenzene            |                                         | 5.0  | U  |
| 99-87-6   | 4-Isopropyltoluene          |                                         | 5.0  | U  |
| 541-73-1  | 1,3-Dichlorobenzene         |                                         | 5.0  | U  |
| 106-46-7  | 1,4-Dichlorobenzene         |                                         | 5.0  | U  |
| 104-51-8  | n-Butylbenzene              |                                         | 5.0  | U  |
| 95-50-1   | 1,2-Dichlorobenzene         |                                         | 5.0  | U  |
| 96-12-8   | 1,2-Dibromo-3-chloropropane |                                         | 5.0  | U  |
| 120-82-1  | 1,2,4-Trichlorobenzene      |                                         | 5.0  | U  |
| 87-68-3   | Hexachlorobutadiene         |                                         | 5.0  | U  |
| 87-61-6   | 1,2,3-Trichlorobenzene      |                                         | 1.7  | BJ |
| 91-20-3   | Naphthalene                 |                                         | 1.2  | BJ |

SW846

0057

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-2

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-18A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1508.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/07/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| 01 | CAS NUMBER           | COMPOUND NAME | RT     | EST. CONC. | Q |
|----|----------------------|---------------|--------|------------|---|
|    |                      | Unknown-01    | 12.762 | 31         | J |
|    | E966796 <sup>1</sup> | Total Alkanes | N/A    |            |   |

<sup>1</sup>EPA-designated Registry Number.

SW846

0058

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-19A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1514.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0059

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-19A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1514.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0060

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SMS-MW-14

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-19A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1514.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| 01 | CAS NUMBER           | COMPOUND NAME | RT     | EST. CONC. | Q |
|----|----------------------|---------------|--------|------------|---|
|    |                      | Unknown-01    | 12.762 | 30         | J |
|    | E966796 <sup>1</sup> | Total Alkanes | N/A    |            |   |

<sup>1</sup>EPA-designated Registry Number.

SW846

0061

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-20A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1509.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0062

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-20A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1509.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0063

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-3

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-20A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1509.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| 01 | CAS NUMBER           | COMPOUND NAME | RT  | EST. CONC. | Q |
|----|----------------------|---------------|-----|------------|---|
|    | E966796 <sup>1</sup> | Total Alkanes | N/A |            |   |

<sup>1</sup>EPA-designated Registry Number.

SW846

0064

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

CLIENT SAMPLE NO.

SMS-MW-13S

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-21A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1516.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0065

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

CLIENT SAMPLE NO.  
SMS-MW-13S

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-21A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1516.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0066

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SMS-MW-13S

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-21A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1516.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

| 01 | CAS NUMBER           | COMPOUND NAME | RT     | EST. CONC. | Q |
|----|----------------------|---------------|--------|------------|---|
|    | E966796 <sup>1</sup> | Total Alkanes | N/A    |            |   |
|    |                      | Unknown-01    | 12.767 | 34         | J |

<sup>1</sup>EPA-designated Registry Number.

SW846

0067

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-22A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1517.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0068

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-22A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1517.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

SW846

0069

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SMS-MW-13D

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-22A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1517.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

|    | CAS NUMBER           | COMPOUND NAME | RT     | EST. CONC. | Q |
|----|----------------------|---------------|--------|------------|---|
| 01 |                      | Unknown-01    | 12.757 | 36         | J |
|    | E966796 <sup>1</sup> | Total Alkanes | N/A    |            |   |

<sup>1</sup>EPA-designated Registry Number.

SW846

0070

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-23A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1518.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0071

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.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-23A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIK1518.D  
Level: (TRACE/LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
Purge Volume: 5.0 (mL)

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

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0072

1J - FORM I VOA-TIC  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SMS-MW-12

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ Mod. Ref No.: \_\_\_\_\_ SDG No.: MG2029  
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G2029-23A  
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K1518.D  
Level: (TRACE or LOW/MED) LOW Date Received: 11/08/2008  
% Moisture: not dec. Date Analyzed: 11/15/2008  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

|    | CAS NUMBER           | COMPOUND NAME | RT     | EST. CONC. | Q |
|----|----------------------|---------------|--------|------------|---|
| 01 |                      | Unknown-01    | 12.752 | 31         | J |
|    | E966796 <sup>1</sup> | Total Alkanes | N/A    |            |   |

<sup>1</sup>EPA-designated Registry Number.

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0073